

Market Code Schedule 20

Code Subsidiary Document CSD 0301

Data Transaction Catalogue Annex A

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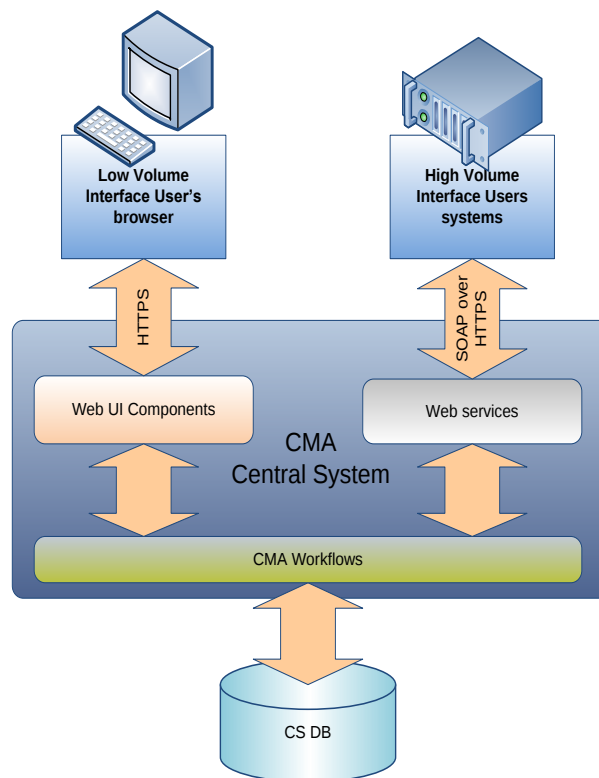
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1. Introduction

The Central Systems provides two types of interface via which Trading Parties (wholesaler and licensed providers) may communicate with the CMA. The Low Volume Interface (LVI) consists of a web based user interface via which market participants may submit messages and receive notifications from the CMA. The LVI incorporates a Medium Volume Interface (MVI) which allows large data volumes to be transacted for limited transaction types. The High Volume Interface (HVI) is intended to allow market participants with high transaction volumes to make the submissions to the CMA and fetch responses and notifications systematically. This document describes only the High Volume Interface.



LVI (Web UI Components) and HVI (Web services)

2. Overview

The CMA HVI web service has been implemented using Message Layer Security with X.509 certificates and WSE 3.0. The objectives of this are:

- To secure message exchange between two parties using brokered authentication with X509.Certificates
- To combine an implementation of mutual authentication message exchange between client and server
- To ensure data origin authentication and data confidentiality.

Full details of best practice can be found at:

<http://msdn.microsoft.com/en-us/library/aa480565.aspx>

<http://msdn.microsoft.com/en-us/library/aa480581.aspx>

3. Transport and Message Level Security

The transport mechanism is based on TLS over HTTP. The client application must request an TLS session from the CMA server. The client must send a signed SOAP document to the CMA and wait for a synchronous response. The sending party should receive a response message or a system timeout. If a timeout occurs the sending party should retry sending the same message (with the same MID).

Each message sent to the CMA Central Systems must be a digitally signed, well formed and a valid XML document conforming to the CMAData Schema Document (see Appendix B for schema documentation). The XML document should be wrapped in a SOAP 1.2 envelope and be transported to the CMA using HTTPS. The sending party must establish a secure connection over the public Internet using the Transport Layer Security (TLS) protocol version 1.0+. Multiple messages can be sent in one document, but they must be of the same type. The CMA may return a single document with multiple messages of different types.

3.1 Process

Using message layer security with X.509 certificates in WSE 3.0 involves the following participants:

Client. The client accesses the Web service, and provides credentials for authentication during the request to the Web service.

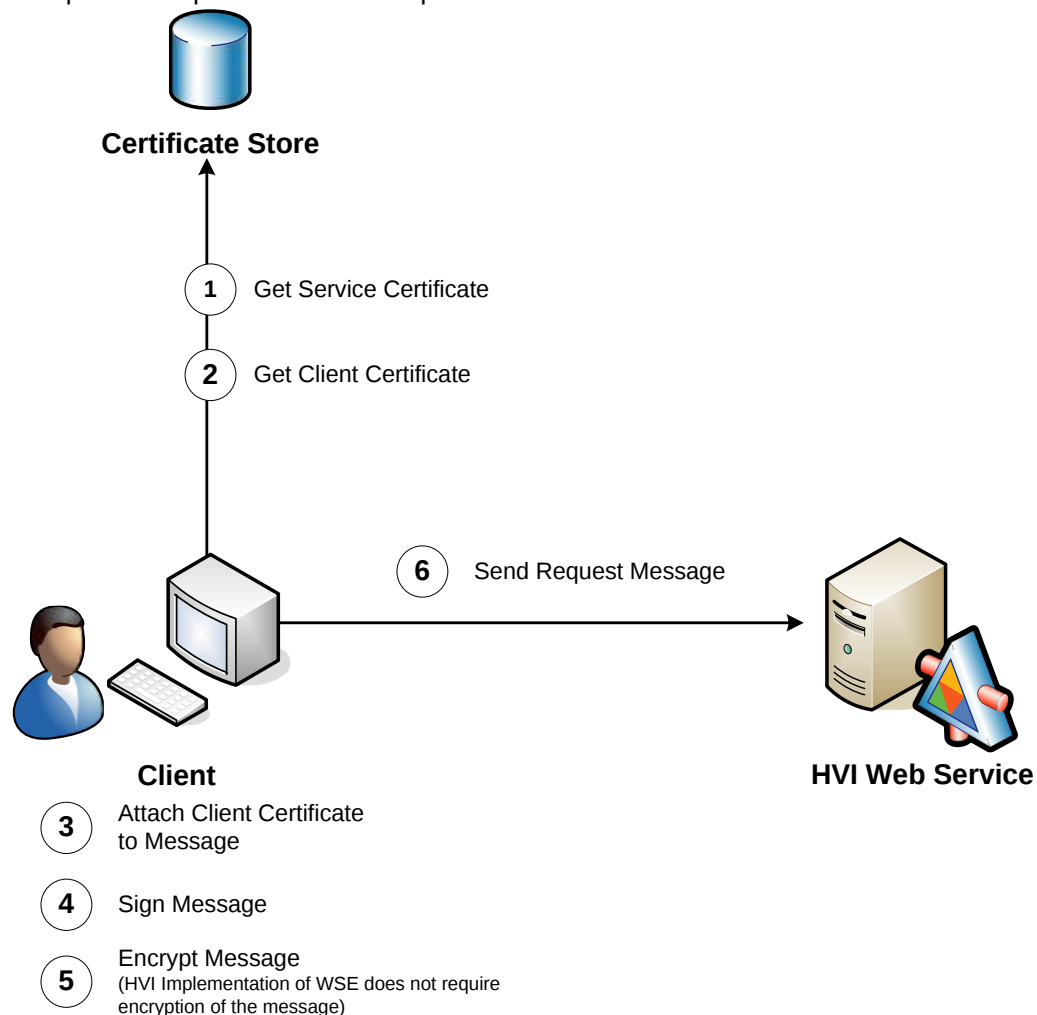
Service. The service is the Web service that requires authentication of the client to make access control decisions. In our case the HVI.

The steps provided are based on the behaviour of the mutualCertificate10Security assertion. The steps are divided into the following two sections based on what happens on the client and then on the service:

- The client initializes and sends a message with X.509 certificate information.
- The service authenticates the client using the X.509 certificate and signature.

3.2 The client initialises and sends a message with X.509 certificate information.

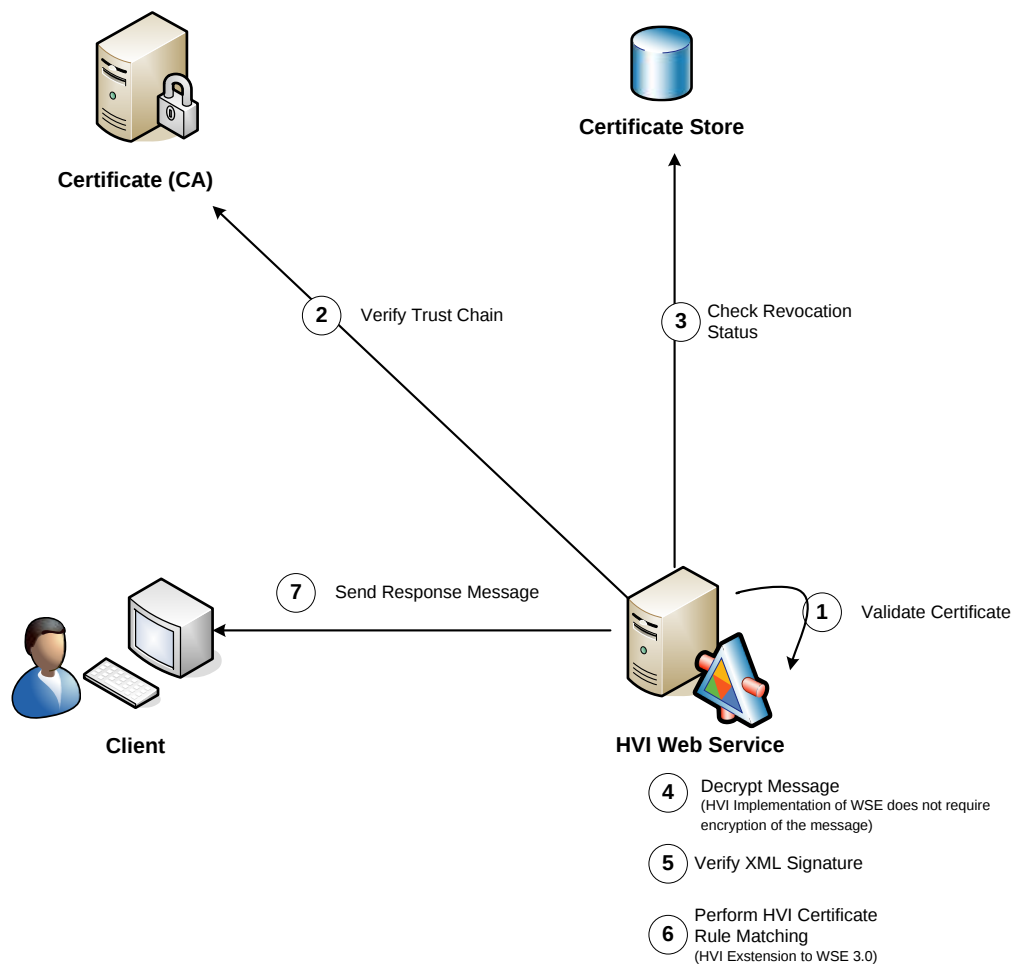
This part of the process has six steps:



1. The client retrieves the service's X.509 certificate.
2. The client retrieves its own certificate and private key.

3. The client attaches its X.509 certificate to a message.
4. The client signs the message using its private key.
5. The client encrypts the message using the service's public key. **(In the HVI Implementation of this is not required)**
6. The client sends the message to the service.

3.3 The service authenticates the client using the X.509 certificate and signature.



1. The service validates the client's certificate.
2. The service verifies the certificate trust chain. Authority (CA)
3. The service checks the certificate revocation status.
4. The service decrypts the message. (HVI Implementation does not require encryption so this is not performed)
5. The service verifies the signature.

6. The service performs HVI Certificate Rule Matching
7. The service initializes and sends a response to the client.

Step One: The Service Validates the Client's Certificate

WSE 3.0 validates the client's certificate attached to the request message. The certificate's validity period is checked to ensure that the service does not process a request that was secured with an expired X.509 certificate.

WSE 3.0 also verifies the integrity of the certificate's contents to ensure that it has not been tampered with after the certificate authority (CA) issued it. The integrity of the certificate's contents is verified using the signature of the issuing CA, which is also included in the certificate. If the certificate's contents cannot be validated against the issuer's signature, then the certificate has been tampered with and it is rejected as invalid.

Step Two: The Service Verifies the Certificate Trust Chain

By default, WSE 3.0 verifies the trust chain of certificates, or requires that the client's certificate is installed in the Trusted People folder in the service's local certificate store. WSE 3.0 must be able to recognize an issuing CA as trusted to verify the certificate trust chain for the client's X.509 certificate. WSE 3.0 recognizes an issuing CA as trusted based on the X.509 certificate that endorses the client's certificate. WSE 3.0 recognizes the issuing CA's certificate as a trusted root for a certificate chain if the CA's X.509 certificate is installed in the machine certificate store in the Trusted Root Certification Authorities folder.

In the HVI Configuration the client's certificate must be installed in the Trusted People Folder.

Step Three: The Service Checks the Certificate Revocation Status

WSE 3.0 policy checks the revocation status of the certificate by verifying whether the certificate is on a certificate revocation list (CRL) that the CA publishes.

Step Four: The Service Decrypts the Message

By default, the mutualCertificate10Security assertion protects the message body by encrypting it. When WSE 3.0 receives an encrypted message, WSE 3.0 policy automatically decrypts it using the following steps:

1. WSE determines the value to identify the service's certificate either the RFC3280 Subject Key Identifier, or the issuer name and serial number that the client included in the message tells the service which certificate was used to encrypt the message. WSE 3.0 policy uses this value to determine which private key it must use to decrypt the message.
2. WSE decrypts the asymmetrically encrypted, one-time symmetric key that the client sent with the message, using the service's private key
3. WSE uses the symmetric key to decrypt the message data using a symmetric algorithm. By default, WSE 3.0 uses AES 256 for symmetric encryption.

Note: service side policy alone does not stop a client from sending an unencrypted message. However, the policy will reject a message at the server if it is not encrypted.

The HVI does not require encrypted messages and does not encrypt message bodies.

Step Five: The Service Verifies the Signature

WSE 3.0 verifies the client's signature on the incoming request message using the public key sent with the message. If the message data is signed, this step also validates the client as the message originator to provide data origin authentication.

Step Six: The Service Performs HVI Certificate Matching

The out of the box WSE3.0 functionality has been extended to enable verification of XML received by the HVI service from participants.

The additional verification step will verify that the SenderOrgId specified within the XML message received matches the OrgId of the client certificate. This verification is known as Certificate Rule Matching.

- The Sender Org Id Is retrieved from the XML Message
- The Certificate Rules for the sender Org Id are retrieved from the HVI Service Web.config file
- The CerifcateRuleCheck class will compare the Clients Certificate retrieved in the request with the Certificate Rules from the web config
- If there are any matches found the client will be verified and the XML message will be processed. If not a Soap Exception will be raised with the message "Certificate Rule Failure. No valid matching certificate rules identified."

4. Message Submission and Retrieval

The Web Service conforms to the SOAP 1.2 protocol and is defined by the Web Services Definition Language (WSDL) file in Appendix A. The SOAP definition can be found at <http://www.w3.org/TR/soap/>. The XML messages exchanged via the CMA Web Service must be valid SOAP messages and the **soap:Body** must contain one Document element conforming to the schema.

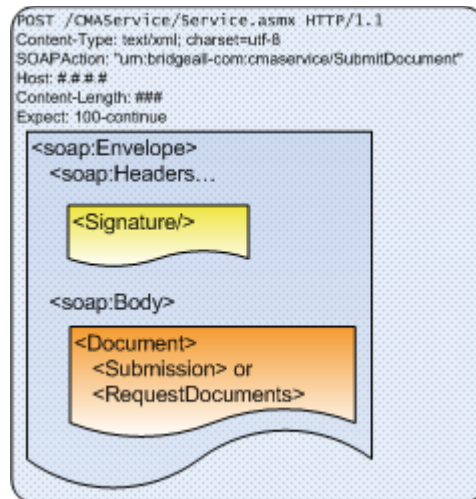
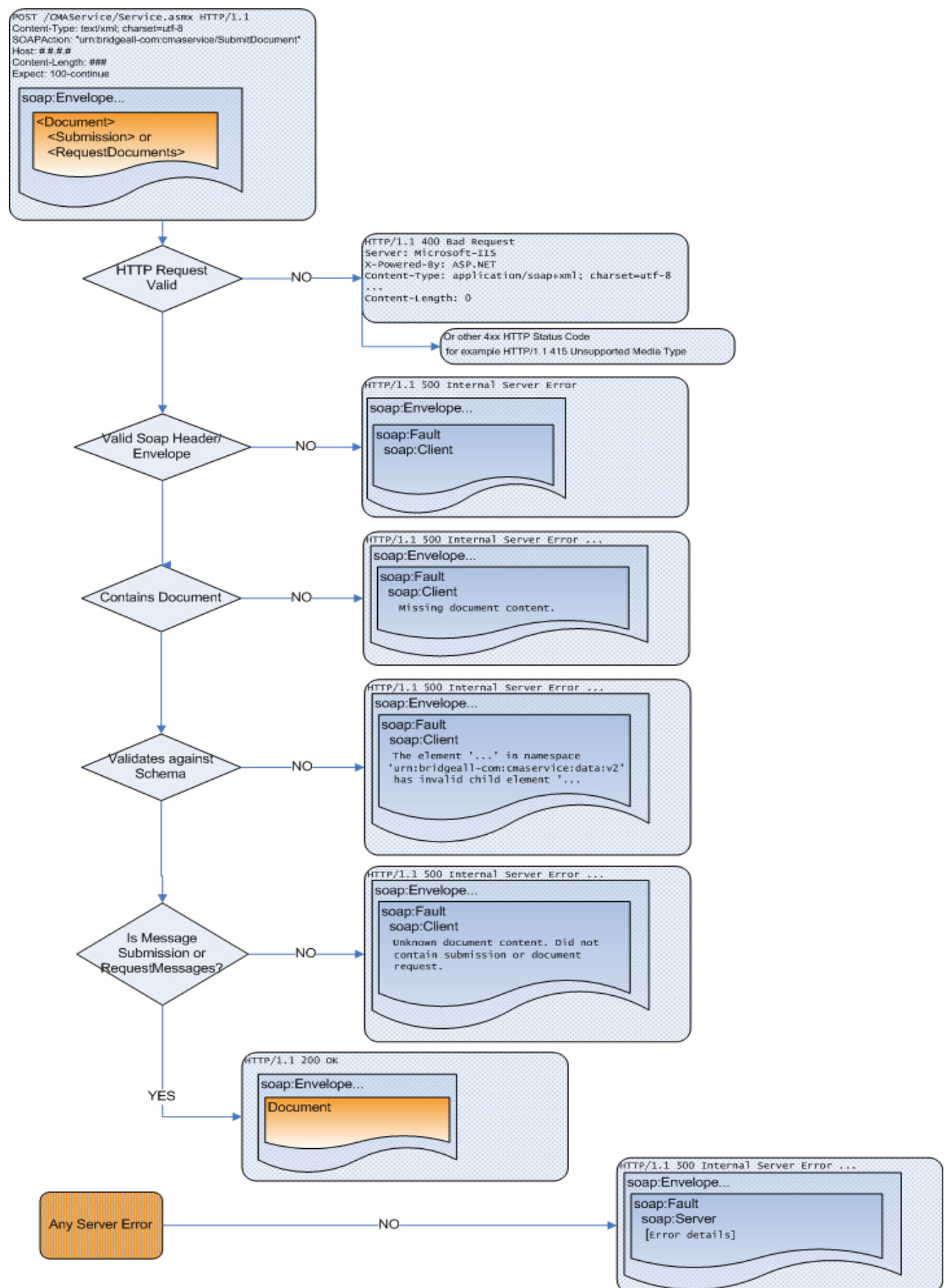


Figure 1 - Example participant submission over HTTP

The figure on the next page details the validation that the CMA Central Systems carry out on all document submissions over the XML interface. Firstly the request is checked to ensure it is a valid HTTP request. If not, a HTTP error is returned with a standard HTTP 4.xx error code indicating what the issue was. If the HTTP request is valid then the SOAP message tags are examined and verified. Only when a valid SOAP message has been received with a Document in the SOAP Body that contains either a Submission or a RequestMessages tag will the message be processed. See the diagram below for detail on the error handling.



4.1 High level view of message exchange

The Document element can have one of four valid children Submission, RequestMessages, Response or Handshakes.

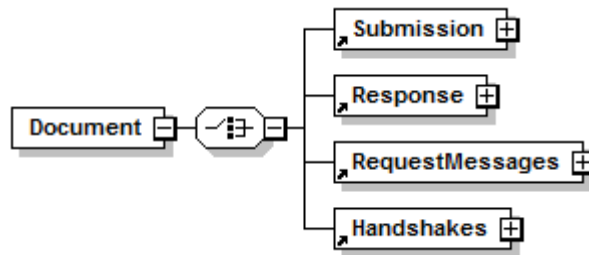


Figure 2 - Structure of all CMA XML Documents

All messages submitted to the CMA will receive an immediate synchronous response to confirm the message has been received.

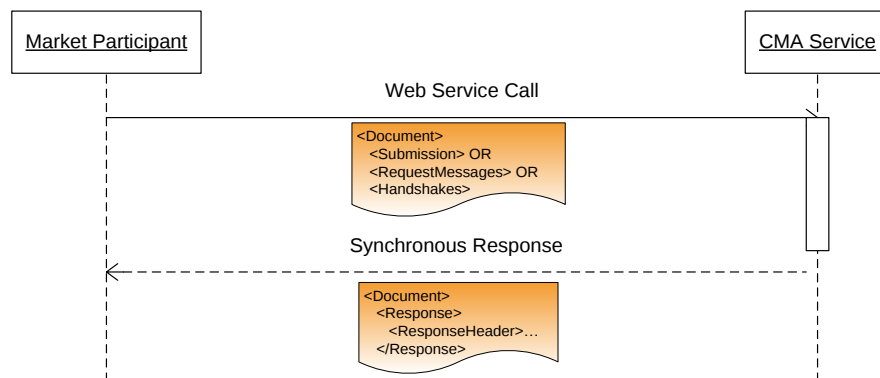
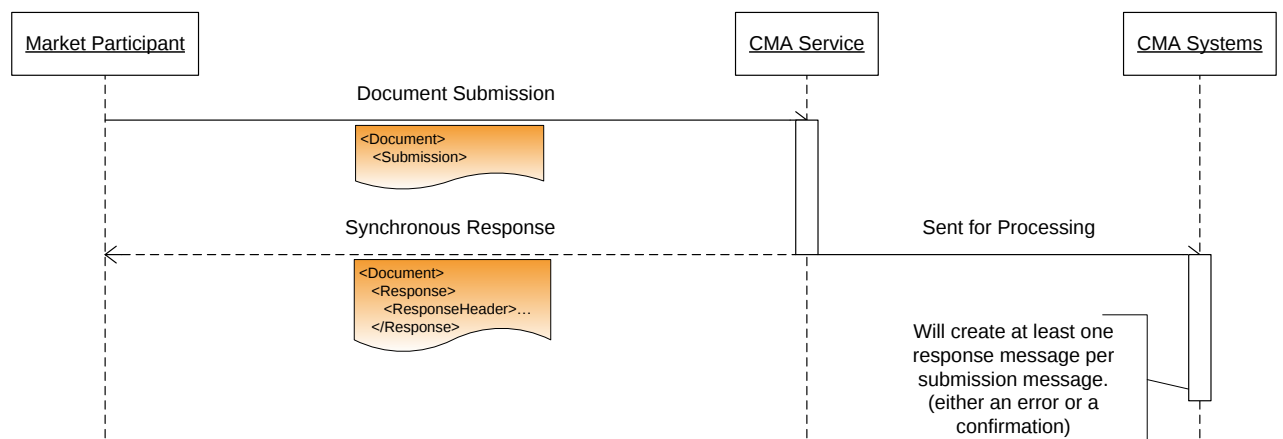


Figure 3 - Basic Submission with synchronous response

There will be a further asynchronous response at a later time when the CMA processes the message contents.



For example if a Licensed Participant called **ANLP** wished to submit a T012.1 to inform the CMA of an update to a service element they would generate their own unique message ID and populate the MID with this unique id and create a Submission element, wrap it in the SOAP 1.2 envelope (SOAP tags not shown below) and post it to the CMA web service.

<Submission>

```

xmlns:xsi=http://www.w3.org/2001/XMLSchema-instance
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns="urn:bridgeall-com:cmaservice:data:v3">

```

<Header>

```

<D1005_SenderOrgId>ANLP</D1005_SenderOrgId>
<D1006_RecipientOrgId>CMA</D1006_RecipientOrgId>
<D1007_TransactionTimestamp>2008-08-02T14:04:46</D1007_TransactionTimestamp>
<D1003_FlowReference />

```

</Header>

<Messages>

```

<T012.1_ServiceElementUpdates>
  <T012.1_ServiceElementUpdate MID="ANLP001000000586">
    <D2001_SPID>200000070103</D2001_SPID>
    <D2018_TroughsDrinkingBowls>2</D2018_TroughsDrinkingBowls>
    <D4006_EffectiveFrom>2008-05-02</D4006_EffectiveFrom>
    <D4003_Comment>Added two troughs</D4003_Comment>
  </T012.1_ServiceElementUpdate>
</T012.1_ServiceElementUpdates>

```

</Messages>

</Submission>

If the request is well formed and valid, the CMA will respond synchronously to this submission with a ResponseHeader as shown below. A unique flow reference is generated and issued by the CMA (D1003_FlowReference) which may be used in the future to identify the submission.

<Response>

```

    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema"
    xmlns="urn:bridgeall-com:cmaservice:data:v3">
<ResponseHeader>
  <D1005_SenderOrgId>CMA</D1005_SenderOrgId>
  <D1006_RecipientOrgId>ANLP</D1006_RecipientOrgId>
  <D1007_TransactionTimestamp>2008-08-02T14:04:47</D1007_TransactionTimestamp>
  <D1003_FlowReference>cd07ee64-de17-4d3f-a0b3-4bf6918ddf72</D1003_FlowReference>
  <
</ResponseHeader>
</Response>

```

This immediate synchronous response is acknowledgement that the CMA received the submission and that it was well formed and valid XML according to the schema. The Central Systems will then process the data in the request and within 24 hours an asynchronous message will be generated by the CMA in response to the submission. To receive these responses the participant must poll the Central Systems periodically to receive them. In order to do this a RequestMessages element must be sent specifying how many response messages the participant would like to receive. The example below requests just one response message at a time.

```

<cma:Document
  xsi:schemaLocation="urn:bridgeall-com:cmaservice:data:v3 CMADData_V3.xsd"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:cma="urn:bridgeall-com:cmaservice:data:v3">
  <cma:RequestMessages D1005_SenderOrgID="ANLP">
    <cma:NewMessages MaxMessages="1"/>
  </cma:RequestMessages>
</cma:Document>

```

The CMA will send back a T009.0 asynchronous response to the original message with either an OK if the message was processed successfully by the Central Systems or an error code if there were any issues processing the information. The related MID should be used by the participant to correlate this response with the original message sent by the participant.

```

<ResponseMessages
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns="urn:bridgeall-com:cmaservice:data:v3">
  <T009.0_Notification MID="CMA0000000000347" RelatedMID="ANLP001000000586">
    <D1008_DataItemRef>D2001_SPID</D1008_DataItemRef>
    <D4004_ReturnCode>OK</D4004_ReturnCode>
  </T009.0_Notification>
</ResponseMessages>

```

It should be noted that the Related MID will only be populated by the CMA when it is generated in response to a message sent by that LP. Unsolicited messages created by the CMA to inform and LP of an event, such as the outgoing LP being informed of a registration being cancelled, will not have a Related MID populated. The error transaction from the LP to the CMA is the only instance where the LP would have to populate the Related MID.

In summary, response messages can be classified as either a SOAP level or application level response. All valid messages will receive a synchronous SOAP level response. If the HTTP Request is valid and the SOAP envelope is valid and the message contains a valid document which contains a <Submission> element, then a synchronous response will be received containing a <ResponseHeader> element. There will be a further application level asynchronous response within one business day as the message is processed by the Central Systems. This is the response that has to be pulled from the CMA by sending a <RequestMessages> element to the CMA. If there are messages waiting for the participant then <ResponseMessages> will be returned and may contain the MID from any original message as the Related MID.

In order for the LP to confirm the message batch has been successfully received, a HandShake document type should be sent to the CMA service containing the D1003_FlowReference GUID value as detailed in the following example:

```
<?xml version="1.0" encoding="utf-8"?>
<Document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns="urn:bridgeall-
com:cmaservice:data:v3">
  <HandShakes D1005_SenderOrgID="SWBS">
    <HandShake D1003_FlowReference="b2a78b32-d273-4db5-a222-ecd14857c104" />
    <HandShake D1003_FlowReference="9272daf3-f3b9-4811-9b6f-110c2ae69204" />
    <HandShake D1003_FlowReference="238cbef2-ec8d-486d-837c-81f671424cae" />
    <HandShake D1003_FlowReference="8dd35617-fc0f-40ba-9439-d8272ad5a294" />
  </HandShakes>
  <MessageCount="1000" />
  <HandShake D1003_FlowReference="50bdb6dc-7aed-4392-bf3e-ff3ae90efe73" />
  <MessageCount="10" XMLDocLength="3456" />
</Document>
```

4.2 CMA Messages in detail

The web service operates in an asynchronous manner and is designed to implement long running transactions for the message/response sequences. A Document submitted to the CMA for processing can contain many messages. Each message sent to the CMA and sent back from the CMA must contain a globally unique ID referred to as the Message ID or 'MID'. The Message ID is 16 digits long, the first 6 of which must start with the participants market ID and the seventh should be a '0'. For licensed provider 'PARTIC' an example of valid Message IDs could be PARTIC0000000001, PARTIC0000000002 and PARTIC0999999999. MIDs submitted to the HVI are not allowed within the LVI MID range (1000000000 to 1999999999). If a message is submitted to the CMA with a duplicate ID it will not be processed.

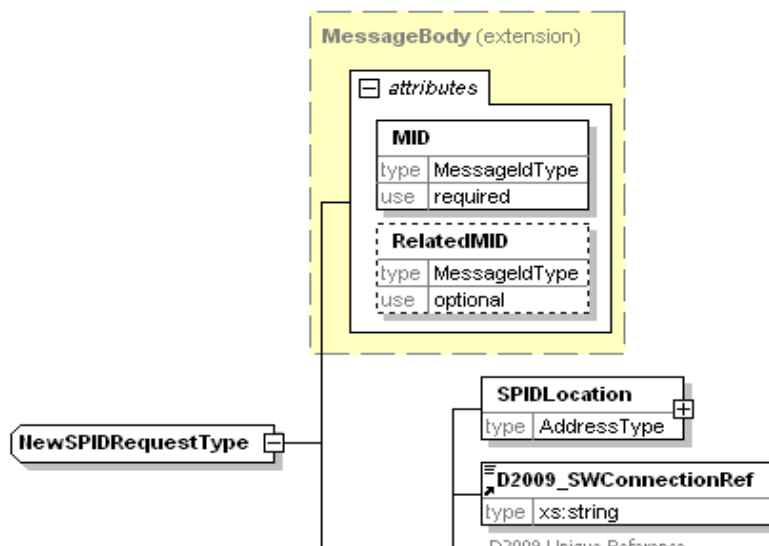


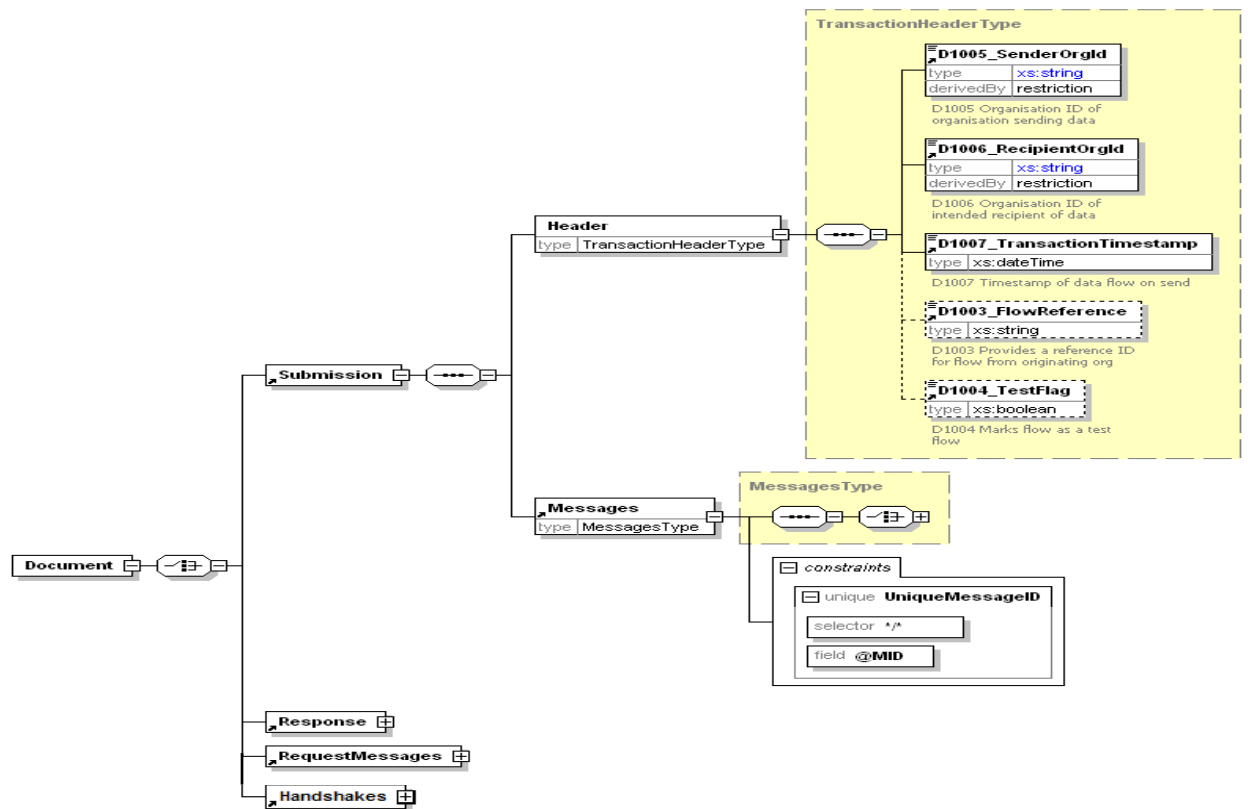
Figure 4 Schema showing the MID and RelatedMID attributes

When the CMA generates messages in response to an incoming message and replies to the original participant the **RelatedMID** field will be populated with the incoming messages original **MID**.

For example, if PARTIC submits message PARTIC0000000001, the CMA will send back a confirmation (or error) when the message has been processed which will have a new MID (CMA0000000000000) and with RelatedMID= PARTIC0000000001.

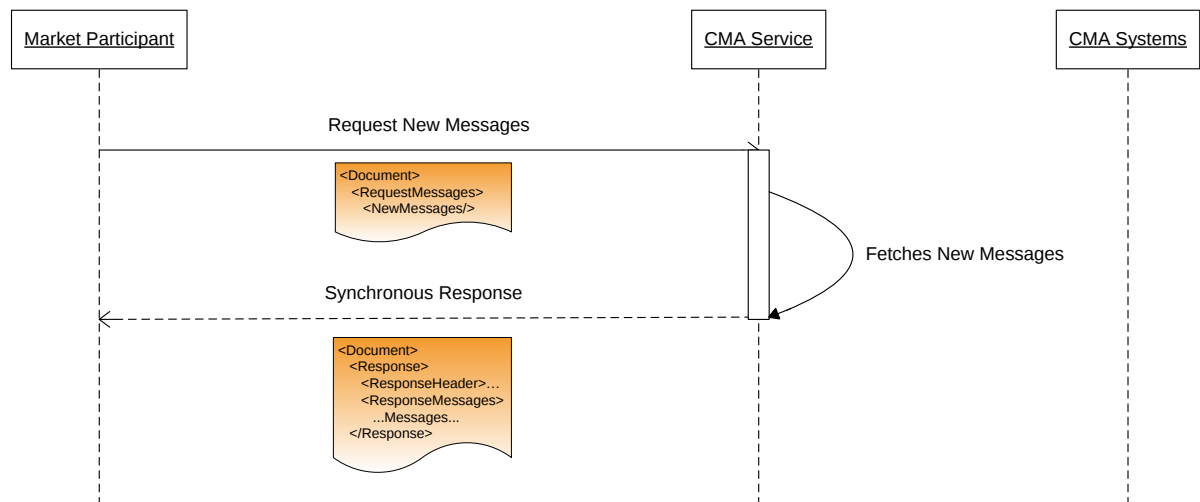
4.3 Submission of document

A document Submission must consist of valid Header and Messages elements as shown in the schema diagram below.



4.4 Requesting New Messages

In order to request response messages from the CMA a participant must submit a RequestMessages element and include the maximum number of messages that they wish to receive. The messages returned will be new messages and any messages that the participant has asked to be reissued.



4.5 Handling Optional Data

If a field is designated as optional in the schema it should not be included in a message if it is not to be updated. If it is included in the message the CMA will update the value stored in the Central Systems. If for instance a Boolean is optional and an empty tag is sent, this would be invalid XML. In the case of fields which are strings (text) an empty tag will be interpreted as an empty string and that value overwritten in the Central Systems database with an empty string.

Addresses are treated differently. If the Address is specified then Central Systems will overwrite the entire address with the data supplied, so if there are missing tags those fields would be interpreted as null fields and overwritten in the Central Systems database. This avoids possible errors occurring by merging partial address information.

5. Operational Configuration

For each HVI participant, an HVI Control table entry in CMADBDev will be established and maintained by the CMA, along with an HVI configuration file and these will contain the configurations for each HVI participant.

5.1 Configuration Options

The configuration options will include;

- SSL Certificate information
- The option to use the 'Handshake' approach and if this is adopted, the number of business minutes before a batch should be re-transmitted, if no handshake has been provided (with a default of 180 business minutes)
- Batch size limits (with a default of 2,500 MIDs) and
- Polling restrictions, being when polling returns zero MIDs, further polling can only proceed after the polling limit has been reached (with a default of 270 seconds)

Each of the above configurations may be modified for an individual HVI participant, subject to any such changes being compliant with Market Code obligations and Market Code Principles.

Appendix A – Web Services Definition Language (WSDL)

The latest current version may be obtained from the CMA in .wsdl (text) file format. The text below is for reference only and should not be copied from this document.

```
<?xml version="1.0" encoding="utf-8"?>
<wsdl:definitions xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:tm="http://microsoft.com/wsdl/mime/textMatching/"
xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:mime="http://schemas.xmlsoap.org/wsdl/mime/" xmlns:tns="urn:bridgeall-
com:cmaservice" xmlns:i0="urn:bridgeall-com:cmaservice:data:v3"
xmlns:s="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/"
xmlns:http="http://schemas.xmlsoap.org/wsdl/http/" targetNamespace="urn:bridgeall-
com:cmaservice" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:import namespace="urn:bridgeall-com:cmaservice:data:v3"
location="XML\CMADData_V3.xsd" />
  <wsdl:types>
    <s:schema elementFormDefault="qualified" targetNamespace="urn:bridgeall-
com:cmaservice">
      <s:import schemaLocation="XML\CMADData_V3.xsd" namespace="urn:bridgeall-
com:cmaservice:data:v3" />
      <s:element name="SubmitDocument">
        <s:complexType>
          <s:sequence>
            <s:element minOccurs="0" maxOccurs="1" ref="i0:Document" />
          </s:sequence>
        </s:complexType>
      </s:element>
      <s:element name="SubmitDocumentResponse">
        <s:complexType>
          <s:sequence>
            <s:element minOccurs="0" maxOccurs="1" ref="i0:Document" />
          </s:sequence>
        </s:complexType>
      </s:element>
    </s:schema>
  </wsdl:types>
  <wsdl:message name="SubmitDocumentSoapIn">
    <wsdl:part name="parameters" element="tns:SubmitDocument" />
  </wsdl:message>
  <wsdl:message name="SubmitDocumentSoapOut">
    <wsdl:part name="parameters" element="tns:SubmitDocumentResponse" />
  </wsdl:message>
  <wsdl:portType name="ServiceSoap">
    <wsdl:operation name="SubmitDocument">
      <wsdl:input message="tns:SubmitDocumentSoapIn" />
      <wsdl:output message="tns:SubmitDocumentSoapOut" />
    </wsdl:operation>
  </wsdl:portType>
  <wsdl:binding name="ServiceSoap" type="tns:ServiceSoap">
    <soap:binding transport="http://schemas.xmlsoap.org/soap/http" />
    <wsdl:operation name="SubmitDocument">
      <soap:operation soapAction="urn:bridgeall-com:cmaservice/SubmitDocument"
style="document" />
      <wsdl:input>
        <soap:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal" />
      </wsdl:output>
    </wsdl:operation>
  </wsdl:binding>
  <wsdl:binding name="ServiceSoap12" type="tns:ServiceSoap">
    <soap12:binding transport="http://schemas.xmlsoap.org/soap/http" />
    <wsdl:operation name="SubmitDocument">
      <soap12:operation soapAction="urn:bridgeall-com:cmaservice/SubmitDocument"
style="document" />
      <wsdl:input>
        <soap12:body use="literal" />
      </wsdl:input>
    </wsdl:operation>
  </wsdl:binding>

```

```
</wsdl:input>
<wsdl:output>
  <soap12:body use="literal" />
</wsdl:output>
</wsdl:operation>
</wsdl:binding>
<wsdl:service name="Service">
  <wsdl:port name="ServiceSoap" binding="tns:ServiceSoap">
    <soap:address location="http://localhost:12357/Service.asmx" />
  </wsdl:port>
  <wsdl:port name="ServiceSoap12" binding="tns:ServiceSoap12">
    <soap12:address location="http://localhost:12357/Service.asmx" />
  </wsdl:port>
</wsdl:service>
</wsdl:definitions>
```

Appendix B – XML Schema Documentation

The latest current version may be obtained from the CMA in .xsd (text) file format. The documentation below is for version [V3] of the schema.

Elements	Groups	Complex types	Simple types
D1003 FlowReference	AddressGroup	AddressType	AllocationMethodType
D1005 SenderOrgId		BackdatedSPIDStatusUpdateNotificationType	CancellationCodeType
D1006 RecipientOrgId		BackdatedSPIDStatusUpdateType	CryptographicHashAlgorithm
D1007 TransactionTimestamp		CancelRegistrationNotificationOutType	CustomerClassificationType
D1008 DataItemRef		CancelRegistrationNotificationType	CustomerNameType
D1009 DuplicateMessageID		CancelRegistrationOutType	decimal18
D2001 SPID		CancelRegistrationType	FarmCroftType
D2002 ServiceCategory		ChargeableMeterUpdateType	guid
D2003 Schedule3		ConnectionCompleteType	MessageIdType
D2004 ExemptCustomerFlag		CustomerNameUpdatedNotificationType	MeterLocationCodeType
D2005 CustomerClassification		DiscontinueDPIDType	MeterTreatmentType
D2006 29e		DPIDNotificationType	NewConnectionType
D2008 SICCode		DPIDUpdateType	percentage
D2009 SWConnectionRef		DPMeterReadType	ReadFrequencyType
D2010 YVe		LPMeterReadType	ReadType
D2012 SurfaceArea		LPMeterUpdateType	ReturnCodeType
D2013 ConnectionDate		MessageBody	SAAClassType
D2014 FarmCroft		MessagesType	SAIndicatorType
D2015 SPIDVacant		MeterAddress	ServiceCategoryType
D2016 PropertyDrainage		MeterAssociationType	SPIDStatusType
D2017 RoadDrainage		MeterDisAssociationType	SReadReasonCodeType
D2018 TroughsDrinkingBowls		MeterNetworkAssociationDeletionType	string32
D2020 OutsideTaps		MeterNetworkAssociationType	TETreatmentType
D2023 NewConnectionType		MeterReadNotificationType	TransferReasonCodeType
D2024 Unmeasurable		MeterReadType	UARNAbsenceCodeType
D2025 SPIDStatus		MeterSWAPDetailsNotificationType	UPRNAbsenceCodeType
D2027 CustomerName		MeterSWAPDetailsType	
D2028 CustomerNameType		MeterSwapNotificationType	
D2029 MeteredBuildingWater		MeterSwapType	
D2030 MeteredBuildingWaterEffectiveDate		MeterUpdateNotificationType	
D2033 AccreditedEntityInstall		MeterUpdateType	
D2034 AllocationMethod		NewLPSPIDNotificationType	
D2035 MainSPID		NewSPIDNotificationType	
D2036 SubSPID		NewSPIDRequestType	
D2041 PcentExemption		NotificationType	
D2042 LiveRateableValue		NotifyRSDType	
D2043 LPCConnectionRef		PartialRegistrationApplicationType	
D2045 MTSPID		PostcodeType	
D2046 MTSPIDFlag		PremisesSpecialArrangementsUpdate	

<u>D2047 LPRejectionIndicator</u>	<u>NotificationType</u>
<u>D2048 SAIndicator</u>	<u>PremisesSpecialArrangementsUpdateType</u>
<u>D2049 ProspectiveCustomer</u>	<u>RegistrationStartType</u>
<u>D2050 ProspectiveCustomerOccupancyDate</u>	<u>ResponseMessagesType</u>
<u>D2051 CustomerContactIdentifier</u>	<u>Schedule3UpdateType</u>
<u>D2052 SAAClass</u>	<u>ServiceElementUpdateNotificationType</u>
<u>D2053 SAACoreDescription</u>	<u>SewerageServiceElementUpdateNotificationType</u>
<u>D3001 MeterId</u>	<u>SewerageSPIDDataType</u>
<u>D3002 ChargeableMeterSize</u>	<u>SpecialArrangementsUpdateNotificationType</u>
<u>D3003 PhysicalMeterSize</u>	<u>SpecialArrangementsUpdateType</u>
<u>D3004 NrDigits</u>	<u>SPIDStatusUpdateType</u>
<u>D3005 SewerageChargeableMeterSize</u>	<u>T003.1 RegistrationApplicationType</u>
<u>D3006 SubMeterId</u>	<u>T004.0 NewMeterType</u>
<u>D3007 ReturnToSewerAllowance</u>	<u>T004.1 NewMeterNotificationType</u>
<u>D3008 MeterRead</u>	<u>T004.3 VirtualMeterType</u>
<u>D3009 MeterReadDate</u>	<u>T006.0 LPWaterSPIDUpdateType</u>
<u>D3010 MeterReadType</u>	<u>T006.1 LPSewerageSPIDUpdateType</u>
<u>D3011 MeterReadFrequency</u>	<u>T006.2 WaterSPIDUpdateType</u>
<u>D3012 ReRead</u>	<u>T006.3 SewerageSPIDUpdateType</u>
<u>D3013 MeterMake</u>	<u>T006.4 WaterSPIDNotificationType</u>
<u>D3014 ManufacturerMeterSerialNr</u>	<u>T006.5 SewerageSPIDNotificationType</u>
<u>D3015 datalogger SW</u>	<u>T006.6 ProvideLiveRateableValueType</u>
<u>D3016 datalogger NonSW</u>	<u>T006.7 ProvideLiveRateableValueNotificationType</u>
<u>D3017 GISX</u>	<u>T006.8 NotifySPIDDataType</u>
<u>D3018 GISY</u>	<u>T007.0 WaterConnectionCompleteType</u>
<u>D3019 GISZFreeDescriptor</u>	<u>T009.4 NotificationType</u>
<u>D3020 Rollover Indicator</u>	<u>T012.0 MiscSPIDUpdateType</u>
<u>D3021 Rollover Flag</u>	<u>T012.10 SPIDVariableDataUpdateType</u>
<u>D3022 MeterTreatment</u>	<u>T012.11 NotifySPIDVariableDataType</u>
<u>D3023 AccreditedEntityInstall</u>	<u>T012.1 ServiceElementUpdateType</u>
<u>D3024 MDVol</u>	<u>T012.3 SewerageServiceElementUpdateType</u>
<u>D3025 MeterLocationCode</u>	<u>T012.7 UpdateLiveRateableValueType</u>
<u>D3026 MeterNetworkAssociation</u>	<u>T012.8 UpdateLiveRateableValueNotificationType</u>
<u>D3027 MainMeterId</u>	<u>T012.9 NotifySPIDDataType</u>
<u>D3028 SReadReasonCode</u>	<u>T016.0 UnmeasureableDeclarationType</u>
<u>D3029 SReadRemedialWorkIndicator</u>	<u>T032.0 CreateUpdateCustomerNameType</u>
<u>D4001 OrgId</u>	<u>T032.1 CustomerNameUpdatedType</u>
<u>D4002 RegistrationStartDate</u>	<u>T033.0 MeteredBuilding</u>
<u>D4003 Comment</u>	<u>T033.1 MeteredBuildingUpdate</u>
<u>D4004 ReturnCode</u>	<u>T035.0 TradeabilityNotification</u>
<u>D4005 CancellationCode</u>	<u>T035.1 TradeabilityNotificationTerminationNotificationType</u>
<u>D4006 EffectiveFrom</u>	<u>TEUpdateType</u>

[D4019 TransferReasonCode](#)
[D5001 FreeDescriptor](#)
[D6001 DPID](#)

[D6002 TEYVe](#)
[D6003 CDV](#)

[D6004 sBODL](#)

[D6005 TSSL](#)
[D6006 Ot](#)
[D6007 St](#)
[D6009 Non-domesticAllowance](#)
[D6010 SDTIndicator](#)
[D6011 TETreatment](#)
[D6012 PcentAllowance](#)
[D6013 FixedAllowance](#)
[Document](#)
[Handshakes](#)
[Messages](#)
[RequestMessages](#)
[Response](#)
[ResponseMessages](#)
[Submission](#)

[TransactionHeaderType](#)
[UARNTType](#)
[UpdateMeterLocationNotificationType](#)
[UpdateMeterLocationType](#)
[UpdateSAReferenceNumberUPRNNotificationType](#)
[UpdateSAReferenceNumberUPRNTType](#)
[UPRNTType](#)
[WaterSPIDDataType](#)

element **D1003_FlowReference**

diagram	D1003_FlowReference D1003 Provides a reference ID for flow from originating org									
namespace	urn:bridgeall-com:cmaservice:data:v3									
type	restriction of xs:string									
properties	content simple									
used by	complexType TransactionHeaderType									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>pattern</td><td>([a-z] [A-Z] [0-9] [\-._])*</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		pattern	([a-z] [A-Z] [0-9] [\-._])*	
Kind	Value	Annotation								
minLength	1									
pattern	([a-z] [A-Z] [0-9] [\-._])*									
annotation	documentation D1003 Provides a reference ID for flow from originating org									
source	<pre><xs:element name="D1003_FlowReference"> <xs:annotation> <xs:documentation>D1003 Provides a reference ID for flow from originating org</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:pattern value="([a-z] [A-Z] [0-9] [\-._])*"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **D1005_SenderOrgId**

diagram													
namespace	urn:bridgeall-com:cmaservice:data:v3												
type	restriction of xs:string												
properties	content simple												
used by	complexType TransactionHeaderType												
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>6</td><td></td></tr><tr><td>pattern</td><td colspan="2">([a-z] [A-Z] [0-9] [\-])*</td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	6		pattern	([a-z] [A-Z] [0-9] [\-])*	
Kind	Value	Annotation											
minLength	1												
maxLength	6												
pattern	([a-z] [A-Z] [0-9] [\-])*												
annotation	documentation D1005 Organisation ID of organisation sending data												
source	<pre><xs:element name="D1005_SenderOrgId"> <xs:annotation> <xs:documentation>D1005 Organisation ID of organisation sending data</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="6"/> <xs:pattern value="([a-z] [A-Z] [0-9] [\-])*"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **D1006_RecipientOrgId**

diagram													
namespace	urn:bridgeall-com:cmaservice:data:v3												
type	restriction of xs:string												
properties	content simple												
used by	complexType TransactionHeaderType												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>6</td><td></td></tr><tr><td>pattern</td><td colspan="2">([a-z] [A-Z] [0-9] [\-])*</td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	6		pattern	([a-z] [A-Z] [0-9] [\-])*	
Kind	Value	Annotation											
minLength	1												
maxLength	6												
pattern	([a-z] [A-Z] [0-9] [\-])*												
annotation	documentation D1006 Organisation ID of intended recipient of data												
source	<pre><xs:element name="D1006_RecipientOrgId"> <xs:annotation> <xs:documentation>D1006 Organisation ID of intended recipient of data</xs:documentation> </xs:annotation> <xs:simpleType></pre>												

	<pre> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="6"/> <xs:pattern value="([a-z] [A-Z] [0-9] [\-])*/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

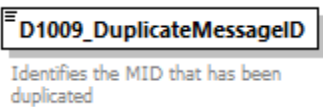
element **D1007_TransactionTimestamp**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:dateTime
properties	content simple
used by	complexType TransactionHeaderType
annotation	documentation D1007 Timestamp of data flow on send
source	<pre> <xs:element name="D1007_TransactionTimestamp" type="xs:dateTime"> <xs:annotation> <xs:documentation>D1007 Timestamp of data flow on send</xs:documentation> </xs:annotation> </xs:element> </pre>

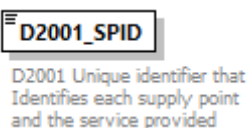
element **D1008_DataItemRef**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:string
properties	content simple
used by	complexType NotificationType
annotation	documentation D008 Data Item Reference
source	<pre> <xs:element name="D1008_DataItemRef" type="xs:string"> <xs:annotation> <xs:documentation>D008 Data Item Reference</xs:documentation> </xs:annotation> </xs:element> </pre>

element **D1009_DuplicateMessageID**

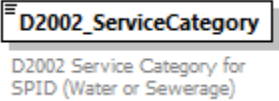
diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:string
properties	content simple
used by	complexType T009.4 NotificationType
annotation	documentation Identifies the MID that has been duplicated
source	<pre><xs:element name="D1009_DuplicateMessageID" type="xs:string"> <xs:annotation> <xs:documentation>Identifies the MID that has been duplicated</xs:documentation> </xs:annotation> </xs:element></pre>

element **D2001_SPID**

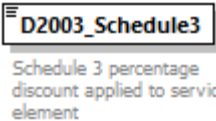
diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	restriction of xs:string
properties	content simple
used by	complexTypes BackdatedSPIDStatusUpdateNotificationType BackdatedSPIDStatusUpdateType CancelRegistrationNotificationOutType CancelRegistrationNotificationType CancelRegistrationType ChargeableMeterUpdateType ConnectionCompleteType CustomerNameUpdatedNotificationType DiscontinueDPIDType DPIDNotificationType DPIDUpdateType DPMeterReadType LPMeterReadType LPMeterUpdateType MeterAssociationType MeterDisAssociationType MeterReadNotificationType MeterReadType MeterSwapNotificationType MeterSwapType MeterUpdateNotificationType MeterUpdateType NewLPSPIDNotificationType NewSPIDNotificationType NewSPIDRequestType NotificationType NotifyRSDType PartialRegistrationApplicationType PremisesSpecialArrangementsUpdateNotificationType PremisesSpecialArrangementsUpdateType RegistrationStartType Schedule3UpdateType ServiceElementUpdateNotificationType SewerageServiceElementUpdateNotificationType SewerageSPIDDataType SpecialArrangementsUpdateNotificationType SpecialArrangementsUpdateType SPIDStatusUpdateType T003.1 RegistrationApplicationType T004.0 NewMeterType T004.1 NewMeterNotificationType T004.3 VirtualMeterType T006.0 LPWaterSPIDUpdateType T006.1 LPSewerageSPIDUpdateType T006.2 WaterSPIDUpdateType T006.3 SewerageSPIDUpdateType T006.4 WaterSPIDNotificationType T006.5 SewerageSPIDNotificationType T006.6 ProvideLiveRateableValueType T006.7 ProvideLiveRateableValueNotificationType T006.8 NotifySPIDDataType T007.0 WaterConnectionCompleteType

	T012.0 MiscSPIDUpdateType T012.10 SPIDVariableDataUpdateType T012.11 NotifySPIDVariableDataType T012.1 ServiceElementUpdateType T012.3 SewerageServiceElementUpdateType T012.7 UpdateLiveRateableValueType T012.8 UpdateLiveRateableValueNotificationType T012.9 NotifySPIDDataType T016.0 UnmeasureableDeclarationType T032.0 CreateUpdateCustomerNameType T032.1 CustomerNameUpdatedType T033.0 MeteredBuilding T033.1 MeteredBuildingUpdate T035.0 TradeabilityNotification T035.1 TradeabilityNotification TerminationNotificationType TEUpdateType UpdateMeterLocationNotificationType UpdateMeterLocationType UpdateSAAResponseNumberUPRNNotificationType UpdateSAAResponseNumberUPRNTType WaterSPIDDataType		
facets	Kind	Value	Annotation
	minLength	12	
	maxLength	12	
	pattern	([0-9])*	
annotation	documentation D2001 Unique identifier that Identifies each supply point and the service provided		
source	<pre><xs:element name="D2001_SPID"> <xs:annotation> <xs:documentation>D2001 Unique identifier that Identifies each supply point and the service provided </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="12"/> <xs:minLength value="12"/> <xs:pattern value="([0-9])*"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

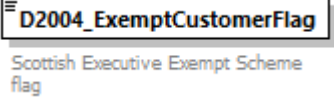
element **D2002_ServiceCategory**

diagram			
namespace	urn:bridgeall-com:cmaservice:data:v3		
type	ServiceCategoryType		
properties	content	simple	
facets	Kind	Value	Annotation
	enumeration	01	
	enumeration	02	
annotation	documentation D2002 Service Category for SPID (Water or Sewerage)		
source	<pre> <xs:element name="D2002_ServiceCategory" type="ServiceCategoryType"> <xs:annotation> <xs:documentation>D2002 Service Category for SPID (Water or Sewerage) </xs:documentation> </xs:annotation> </xs:element> </pre>		

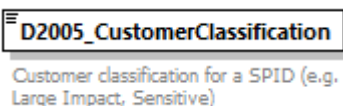
element **D2003_Schedule3**

diagram																
namespace	urn:bridgeall-com:cmaservice:data:v3															
type	percentage															
properties	content simple															
used by	complexTypes Schedule3UpdateType SpecialArrangementsUpdateNotificationType SpecialArrangementsUpdateType															
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>100</td><td></td></tr><tr><td>totalDigits</td><td>5</td><td></td></tr><tr><td>fractionDigits</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	100		totalDigits	5		fractionDigits	2	
Kind	Value	Annotation														
minInclusive	0															
maxInclusive	100															
totalDigits	5															
fractionDigits	2															
annotation	documentation Schedule 3 percentage discount applied to service element															
source	<pre><xs:element name="D2003_Schedule3" type="percentage"> <xs:annotation> <xs:documentation>Schedule 3 percentage discount applied to service element</xs:documentation> </xs:annotation> </xs:element></pre>															

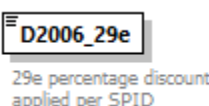
element **D2004_ExemptCustomerFlag**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:boolean
properties	content simple
used by	complexTypes PremisesSpecialArrangementsUpdateNotificationType PremisesSpecialArrangementsUpdateType SpecialArrangementsUpdateNotificationType
annotation	documentation Scottish Executive Exempt Scheme flag
source	<pre><xs:element name="D2004_ExemptCustomerFlag" type="xs:boolean"> <xs:annotation> <xs:documentation>Scottish Executive Exempt Scheme flag</xs:documentation> </xs:annotation> </xs:element></pre>

element **D2005_CustomerClassification**

diagram																
namespace	urn:bridgeall-com:cmaservice:data:v3															
type	CustomerClassificationType															
properties	content simple															
used by	complexTypes SewerageSPIDDataType T006.0 LPWaterSPIDUpdateType T006.1 LPSewerageSPIDUpdateType T006.8 NotifySPIDDataType T012.10 SPIDVariableDataUpdateType T012.11 NotifySPIDVariableDataType WaterSPIDDataType															
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>LIC</td><td></td></tr><tr><td>enumeration</td><td>SST</td><td></td></tr><tr><td>enumeration</td><td>NA</td><td></td></tr><tr><td>enumeration</td><td>CRT</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	LIC		enumeration	SST		enumeration	NA		enumeration	CRT	
Kind	Value	Annotation														
enumeration	LIC															
enumeration	SST															
enumeration	NA															
enumeration	CRT															
annotation	documentation Customer classification for a SPID (e.g. Large Impact, Sensitive)															
source	<pre><xs:element name="D2005_CustomerClassification" type="CustomerClassificationType"> <xs:annotation> <xs:documentation>Customer classification for a SPID (e.g. Large Impact, Sensitive)</xs:documentation> </xs:annotation> </xs:element></pre>															

element **D2006_29e**

diagram																
namespace	urn:bridgeall-com:cmaservice:data:v3															
type	percentage															
properties	content simple															
used by	complexTypes SpecialArrangementsUpdateNotificationType SpecialArrangementsUpdateType															
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>100</td><td></td></tr><tr><td>totalDigits</td><td>5</td><td></td></tr><tr><td>fractionDigits</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	100		totalDigits	5		fractionDigits	2	
Kind	Value	Annotation														
minInclusive	0															
maxInclusive	100															
totalDigits	5															
fractionDigits	2															
annotation	documentation 29e percentage discount applied per SPID															
source	<pre><xs:element name="D2006_29e" type="percentage"> <xs:annotation> <xs:documentation>29e percentage discount applied per SPID</xs:documentation> </xs:annotation> </xs:element></pre>															

element **D2008_SICCode**

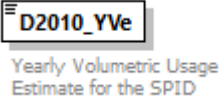
diagram	 SIC Code applicable to a SPID									
namespace	urn:bridgeall-com:cmaservice:data:v3									
type	restriction of xs:string									
properties	content simple									
used by	complexTypes SewerageSPIDDataType T006.0 LPWaterSPIDUpdateType T006.1 LPSewerageSPIDUpdateType T006.8 NotifySPIDDataType T012.10 SPIDVariableDataUpdateType T012.11 NotifySPIDVariableDataType WaterSPIDDataType									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>maxLength</td><td>16</td><td></td></tr><tr><td>pattern</td><td>([a-z] [A-Z] [0-9])*</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	16		pattern	([a-z] [A-Z] [0-9])*	
Kind	Value	Annotation								
maxLength	16									
pattern	([a-z] [A-Z] [0-9])*									
annotation	documentation SIC Code applicable to a SPID									
source	<pre><xs:element name="D2008_SICCode"> <xs:annotation> <xs:documentation>SIC Code applicable to a SPID</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="16"/> <xs:pattern value="([a-z] [A-Z] [0-9])*"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **D2009_SWConnectionRef**

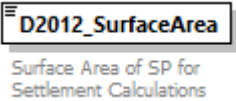
diagram	D2009_SWConnectionRef D2009 Unique Reference wholesaler uses to identify new connections under installation									
namespace	urn:bridgeall-com:cmaservice:data:v3									
type	restriction of xs:string									
properties	content simple									
used by	complexTypes NewLPSPIDNotificationType NewSPIDNotificationType NewSPIDRequestType									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>maxLength</td><td>32</td><td></td></tr><tr><td>pattern</td><td>([a-z] [A-Z] [0-9] [\V])*</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	32		pattern	([a-z] [A-Z] [0-9] [\V])*	
Kind	Value	Annotation								
maxLength	32									
pattern	([a-z] [A-Z] [0-9] [\V])*									
annotation	documentation D2009 Unique Reference wholesaler uses to identify new connections under installation									
source	<pre><xs:element name="D2009_SWConnectionRef"> <xs:annotation> <xs:documentation>D2009 Unique Reference wholesaler uses to identify new connections under installation</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"></pre>									

	<pre> <xs:maxLength value="32"/> <xs:pattern value="([a-z] [A-Z] [0-9] [\ \\/])*/"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **D2010_YVe**

diagram			
namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:decimal		
properties	content	simple	
used by	complexTypes	LPMeterUpdateType T004.1 NewMeterNotificationType T004.3 VirtualMeterType	
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	99999999999999	
annotation	documentation Yearly Volumetric Usage Estimate for the SPID		
source	<pre> <xs:element name="D2010_YVe"> <xs:annotation> <xs:documentation>Yearly Volumetric Usage Estimate for the SPID</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99999999999999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>		

element **D2012_SurfaceArea**

diagram			
namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:decimal		
properties	content	simple	
used by	complexTypes	SewerageServiceElementUpdateNotificationType SewerageSPIDDataType T006.3 SewerageSPIDUpdateType T006.5 SewerageSPIDNotificationType T012.3 SewerageServiceElementUpdateType	
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	9999999999.99	
	totalDigits	12	
	fractionDigits	2	

annotation	documentation Surface Area of SP for Settlement Calculations
source	<pre> <xs:element name="D2012_SurfaceArea"> <xs:annotation> <xs:documentation>Surface Area of SP for Settlement Calculations</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="12"/> <xs:fractionDigits value="2"/> <xs:minInclusive value="0"/> <xs:maxInclusive value="9999999999.99"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **D2013_ConnectionDate**

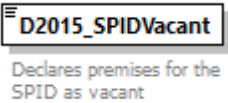
diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:date
properties	content simple
used by	complexTypes ConnectionCompleteType T007.0 WaterConnectionCompleteType T035.0 TradeabilityNotification T035.1 TradeabilityNotification
annotation	documentation Date the connection was completed
source	<pre> <xs:element name="D2013_ConnectionDate" type="xs:date"> <xs:annotation> <xs:documentation>Date the connection was completed</xs:documentation> </xs:annotation> </xs:element> </pre>

element **D2014_FarmCroft**

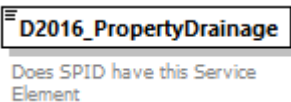
diagram	D2014_FarmCroft If Outside Taps or Troughs and Drinking Bowls are True, this must be used to specify farm or croft.									
namespace	urn:bridgeall-com:cmaservice:data:v3									
type	FarmCroftType									
properties	content simple									
used by	complexTypes T006.2 WaterSPIDUpdateType T006.4 WaterSPIDNotificationType T012.1 ServiceElementUpdateType WaterSPIDDataType									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>FARM</td><td></td></tr><tr><td>enumeration</td><td>CROFT</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	FARM		enumeration	CROFT	
Kind	Value	Annotation								
enumeration	FARM									
enumeration	CROFT									

	enumeration NA
annotation	documentation If Outside Taps or Troughs and Drinking Bowls are True, this must be used to specify farm or croft.
source	<pre><xs:element name="D2014_FarmCroft" type="FarmCroftType"> <xs:annotation> <xs:documentation>If Outside Taps or Troughs and Drinking Bowls are True, this must be used to specify farm or croft.</xs:documentation> </xs:annotation> </xs:element></pre>

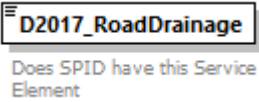
element D2015_SPIDVacant

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:boolean
properties	content simple
used by	complexTypes ServiceElementUpdateNotificationType SewerageSPIDDataType T012.10 SPIDVariableDataUpdateType WaterSPIDDataType
annotation	documentation Declares premises for the SPID as vacant
source	<pre><xs:element name="D2015_SPIDVacant" type="xs:boolean"> <xs:annotation> <xs:documentation>Declares premises for the SPID as vacant</xs:documentation> </xs:annotation> </xs:element></pre>

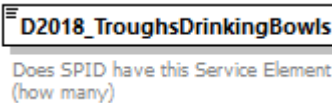
element D2016_PropertyDrainage

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:boolean
properties	content simple
used by	complexTypes SewerageServiceElementUpdateNotificationType SewerageSPIDDataType T006.3 SewerageSPIDUpdateType T006.5 SewerageSPIDNotificationType T012.3 SewerageServiceElementUpdateType
annotation	documentation Does SPID have this Service Element
source	<pre><xs:element name="D2016_PropertyDrainage" type="xs:boolean"> <xs:annotation> <xs:documentation>Does SPID have this Service Element</xs:documentation> </xs:annotation> </xs:element></pre>

element **D2017_RoadDrainage**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:boolean
properties	content simple
used by	complexTypes SewerageServiceElementUpdateNotificationType SewerageSPIDDataType T006.3 SewerageSPIDUpdateType T006.5 SewerageSPIDNotificationType T012.3 SewerageServiceElementUpdateType
annotation	documentation Does SPID have this Service Element
source	<pre><xs:element name="D2017_RoadDrainage" type="xs:boolean"> <xs:annotation> <xs:documentation>Does SPID have this Service Element</xs:documentation> </xs:annotation> </xs:element></pre>

element **D2018_TroughsDrinkingBowls**

diagram										
namespace	urn:bridgeall-com:cmaservice:data:v3									
type	restriction of xs:short									
properties	content simple									
used by	complexTypes T006.2 WaterSPIDUpdateType T006.4 WaterSPIDNotificationType T012.1 ServiceElementUpdateType WaterSPIDDataType									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	999									
annotation	documentation Does SPID have this Service Element (how many)									
source	<pre><xs:element name="D2018_TroughsDrinkingBowls"> <xs:annotation> <xs:documentation>Does SPID have this Service Element (how many)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **D2020_OutsideTaps**

diagram	D2020_OutsideTaps Does SPID have this Service Element (how many)									
namespace	urn:bridgeall-com:cmaservice:data:v3									
type	restriction of xs:short									
properties	content simple									
used by	complexTypes T006.2 WaterSPIDUpdateType T006.4 WaterSPIDNotificationType T012.1 ServiceElementUpdateType WaterSPIDDataType									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	999									
annotation	documentation Does SPID have this Service Element (how many)									
source	<pre><xs:element name="D2020_OutsideTaps"> <xs:annotation> <xs:documentation>Does SPID have this Service Element (how many)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

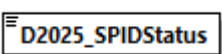
element **D2023_NewConnectionType**

diagram																
namespace	urn:bridgeall-com:cmaservice:data:v3															
type	NewConnectionType															
properties	content simple															
used by	complexTypes NewLPSPIDNotificationType NewSPIDNotificationType NewSPIDRequestType															
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>NEW</td><td></td></tr><tr><td>enumeration</td><td>GS</td><td></td></tr><tr><td>enumeration</td><td>CU</td><td></td></tr><tr><td>enumeration</td><td>TTE</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	NEW		enumeration	GS		enumeration	CU		enumeration	TTE	
Kind	Value	Annotation														
enumeration	NEW															
enumeration	GS															
enumeration	CU															
enumeration	TTE															
source	<pre><xs:element name="D2023_NewConnectionType" type="NewConnectionType"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element></pre>															

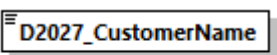
element **D2024_Unmeasurable**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:boolean
properties	content simple
used by	complexTypes T016.0 UnmeasureableDeclarationType WaterSPIDDataType
annotation	documentation
source	<pre><xs:element name="D2024_Unmeasurable" type="xs:boolean"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> </xs:element></pre>

element **D2025_SPIDStatus**

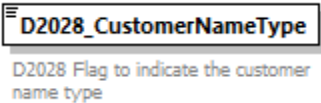
diagram			
namespace	urn:bridgeall-com:cmaservice:data:v3		
type	SPIDStatusType		
properties	content	simple	
used by	complexType	BackdatedSPIDStatusUpdateNotificationType BackdatedSPIDStatusUpdateType SPIDStatusUpdateType	
facets	Kind	Value	Annotation
	enumeration	REC	
	enumeration	TDISC	
	enumeration	PDISC	
	enumeration	DEREG	
	enumeration	TTRAN	
	enumeration	PPDISC	
source	<pre><xs:element name="D2025_SPIDStatus" type="SPIDStatusType"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:element></pre>		

element **D2027_CustomerName**

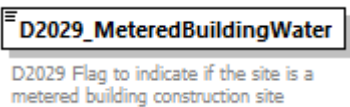
diagram	 D2027 Customer Name that owns a SPID
namespace	urn:bridgeall-com:cmaservice:data:v3
type	restriction of xs:string

properties	content simple		
used by	complexTypes CustomerNameUpdatedNotificationType T032.0 CreateUpdateCustomerNameType T032.1 CustomerNameUpdatedType		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	255	
	pattern	([^\t\n\r])*	
annotation	documentation D2027 Customer Name that owns a SPID		
source	<pre><xs:element name="D2027_CustomerName"> <xs:annotation> <xs:documentation>D2027 Customer Name that owns a SPID</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="255"/> <xs:minLength value="1"/> <xs:pattern value="([^\t\n\r])*"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

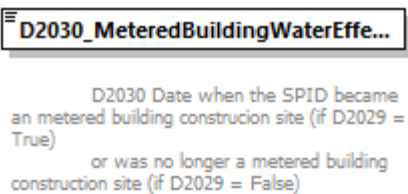
element **D2028_CustomerNameType**

diagram										
namespace	urn:bridgeall-com:cmaservice:data:v3									
type	CustomerNameType									
properties	content simple									
used by	complexTypes CustomerNameUpdatedNotificationType T032.0 CreateUpdateCustomerNameType T032.1 CustomerNameUpdatedType									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>Customer</td><td></td></tr><tr><td>enumeration</td><td>Developer</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	Customer		enumeration	Developer	
Kind	Value	Annotation								
enumeration	Customer									
enumeration	Developer									
annotation	documentation D2028 Flag to indicate the customer name type									
source	<pre><xs:element name="D2028_CustomerNameType" type="CustomerNameType"> <xs:annotation> <xs:documentation>D2028 Flag to indicate the customer name type</xs:documentation> </xs:annotation> </xs:element></pre>									

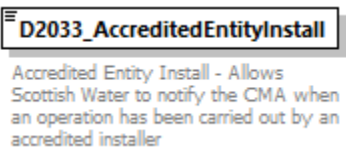
element **D2029_MeteredBuildingWater**

diagram	 D2029 Flag to indicate if the site is a metered building construction site
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:boolean
properties	content simple
used by	complexTypes T033.0 MeteredBuilding T033.1 MeteredBuildingUpdate
annotation	documentation D2029 Flag to indicate if the site is a metered building construction site
source	<pre><xs:element name="D2029_MeteredBuildingWater" type="xs:boolean"> <xs:annotation> <xs:documentation>D2029 Flag to indicate if the site is a metered building construction site</xs:documentation> </xs:annotation> </xs:element></pre>

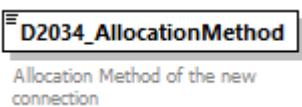
element **D2030_MeteredBuildingWaterEffectiveDate**

diagram	 D2030 Date when the SPID became an metered building construction site (if D2029 = True) or was no longer a metered building construction site (if D2029 = False)
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:date
properties	content simple
used by	complexTypes T033.0 MeteredBuilding T033.1 MeteredBuildingUpdate
annotation	documentation D2030 Date when the SPID became an metered building construction site (if D2029 = True) or was no longer a metered building construction site (if D2029 = False)
source	<pre><xs:element name="D2030_MeteredBuildingWaterEffectiveDate" type="xs:date"> <xs:annotation> <xs:documentation> D2030 Date when the SPID became an metered building construcion site (if D2029 = True) or was no longer a metered building construction site (if D2029 = False) </xs:documentation> </xs:annotation> </xs:element></pre>

element **D2033_AccreditedEntityInstall**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:boolean
properties	content simple
used by	complexType T007.0 WaterConnectionCompleteType
annotation	documentation Accredited Entity Install - Allows Scottish Water to notify the CMA when an operation has been carried out by an accredited installer
source	<pre><xs:element name="D2033_AccreditedEntityInstall" type="xs:boolean"> <xs:annotation> <xs:documentation>Accredited Entity Install - Allows Scottish Water to notify the CMA when an operation has been carried out by an accredited installer</xs:documentation> </xs:annotation> </xs:element></pre>

element **D2034_AllocationMethod**

diagram													
namespace	urn:bridgeall-com:cmaservice:data:v3												
type	AllocationMethodType												
properties	content simple												
used by	complexTypes NewLPSPIDNotificationType NewSPIDNotificationType												
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>Associated SPID</td><td></td></tr><tr><td>enumeration</td><td>Rotation</td><td></td></tr><tr><td>enumeration</td><td>N/A</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	Associated SPID		enumeration	Rotation		enumeration	N/A	
Kind	Value	Annotation											
enumeration	Associated SPID												
enumeration	Rotation												
enumeration	N/A												
annotation	documentation Allocation Method of the new connection												
source	<pre><xs:element name="D2034_AllocationMethod" type="AllocationMethodType"> <xs:annotation> <xs:documentation>Allocation Method of the new connection</xs:documentation> </xs:annotation> </xs:element></pre>												

element D2035_MainSPID

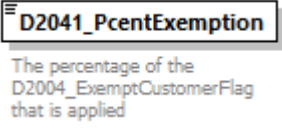
diagram	D2035_MainSPID SPID for a Main Meter in a meter network												
namespace	urn:bridgeall-com:cmaservice:data:v3												
type	restriction of xs:string												
properties	content simple												
used by	complexTypes MeterNetworkAssociationDeletionType MeterNetworkAssociationType												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>12</td><td></td></tr><tr><td>maxLength</td><td>12</td><td></td></tr><tr><td>pattern</td><td>([0-9])*</td><td></td></tr></table>	Kind	Value	Annotation	minLength	12		maxLength	12		pattern	([0-9])*	
Kind	Value	Annotation											
minLength	12												
maxLength	12												
pattern	([0-9])*												
annotation	documentation SPID for a Main Meter in a meter network												
source	<pre><xs:element name="D2035_MainSPID"> <xs:annotation> <xs:documentation>SPID for a Main Meter in a meter network</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="12"/> <xs:minLength value="12"/> <xs:pattern value="([0-9])*"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element D2036_SubSPID

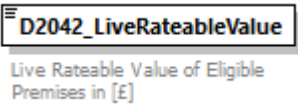
diagram													
namespace	urn:bridgeall-com:cmaservice:data:v3												
type	restriction of xs:string												
properties	content simple												
used by	complexTypes MeterNetworkAssociationDeletionType MeterNetworkAssociationType												
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>12</td><td></td></tr><tr><td>maxLength</td><td>12</td><td></td></tr><tr><td>pattern</td><td>([0-9])*</td><td></td></tr></table>	Kind	Value	Annotation	minLength	12		maxLength	12		pattern	([0-9])*	
Kind	Value	Annotation											
minLength	12												
maxLength	12												
pattern	([0-9])*												
annotation	documentation SPID for a Sub-Meter in a meter network												
source	<pre><xs:element name="D2036_SubSPID"> <xs:annotation> <xs:documentation>SPID for a Sub-Meter in a meter network</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"></pre>												

	<pre> <xs:maxLength value="12"/> <xs:minLength value="12"/> <xs:pattern value="([0-9])*"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **D2041_PcentExemption**

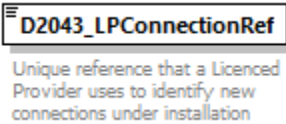
diagram			
namespace	urn:bridgeall-com:cmaservice:data:v3		
type	percentage		
properties	content simple		
used by	complexTypes	PremisesSpecialArrangementsUpdateNotificationType PremisesSpecialArrangementsUpdateType SpecialArrangementsUpdateNotificationType	
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	100	
	totalDigits	5	
	fractionDigits	2	
annotation	documentation The percentage of the D2004_ExemptCustomerFlag that is applied		
source	<pre> <xs:element name="D2041_PcentExemption" type="percentage"> <xs:annotation> <xs:documentation>The percentage of the D2004_ExemptCustomerFlag that is applied</xs:documentation> </xs:annotation> </xs:element> </pre>		

element **D2042_LiveRateableValue**

diagram			
namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:decimal		
properties	content simple		
used by	complexTypes	SewerageSPIDDataType T006.6 ProvideLiveRateableValueType T006.7 ProvideLiveRateableValueNotificationType T012.7 UpdateLiveRateableValueType T012.8 UpdateLiveRateableValueNotificationType WaterSPIDDataType	
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	2000000000.99	
	totalDigits	12	
	fractionDigits	2	
annotation	documentation Live Rateable Value of Eligible Premises in [£]		

source	<pre> <xs:element name="D2042_LiveRateableValue"> <xs:annotation> <xs:documentation>Live Rateable Value of Eligible Premises in [£]</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="12"/> <xs:fractionDigits value="2"/> <xs:minInclusive value="0"/> <xs:maxInclusive value="2000000000.99"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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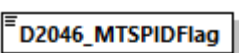
element **D2043_LPConnectionRef**

diagram										
namespace	urn:bridgeall-com:cmaservice:data:v3									
type	restriction of xs:string									
properties	content simple									
used by	complexTypes NewLPSPIDNotificationType NewSPIDNotificationType NewSPIDRequestType T012.0 MiscSPIDUpdateType T012.9 NotifySPIDDataType									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>maxLength</td><td>32</td><td></td></tr><tr><td>pattern</td><td colspan="2">([a-z] [A-Z] [0-9] [\V])*</td></tr></table>	Kind	Value	Annotation	maxLength	32		pattern	([a-z] [A-Z] [0-9] [\V])*	
Kind	Value	Annotation								
maxLength	32									
pattern	([a-z] [A-Z] [0-9] [\V])*									
annotation	documentation Unique reference that a Licenced Provider uses to identify new connections under installation									
source	<pre><xs:element name="D2043_LPConnectionRef"> <xs:annotation> <xs:documentation>Unique reference that a Licenced Provider uses to identify new connections under installation</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="32"/> <xs:pattern value="([a-z] [A-Z] [0-9] [\V])*/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **D2045_MTSPID**

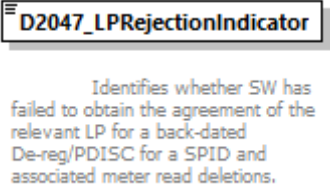
diagram	D2045_MTSPID Used only for drainage-only SPIDs; identifies the Multi-Tenancy SPID the SPID is served by.												
namespace	urn:bridgeall-com:cmaservice:data:v3												
type	restriction of xs:string												
properties	content simple												
used by	complexTypes SewerageServiceElementUpdateNotificationType T006.3 SewerageSPIDUpdateType T006.5 SewerageSPIDNotificationType T012.3 SewerageServiceElementUpdateType												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>12</td><td></td></tr><tr><td>maxLength</td><td>12</td><td></td></tr><tr><td>pattern</td><td>(([0-9]))*</td><td></td></tr></table>	Kind	Value	Annotation	minLength	12		maxLength	12		pattern	(([0-9]))*	
Kind	Value	Annotation											
minLength	12												
maxLength	12												
pattern	(([0-9]))*												
annotation	documentation Used only for drainage-only SPIDs; identifies the Multi-Tenancy SPID the SPID is served by.												
source	<pre><xs:element name="D2045_MTSPID"> <xs:annotation> <xs:documentation> Used only for drainage-only SPIDs; identifies the Multi- Tenancy SPID the SPID is served by. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="12"/> <xs:minLength value="12"/> <xs:pattern value="([0-9])*"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **D2046_MTSPIDFlag**

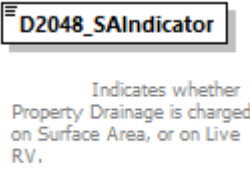
diagram	 Used only for drainage-only SPIDs; identifies whether there is a Multi-Tenancy SPID for the identified SPID.
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:boolean
properties	content simple
used by	complexTypes SewerageServiceElementUpdateNotificationType T006.3 SewerageSPIDUpdateType T006.5 SewerageSPIDNotificationType

	T012.3 SewerageServiceElementUpdateType
annotation	documentation Used only for drainage-only SPIDs; identifies whether there is a Multi-Tenancy SPID for the identified SPID.
source	<pre><xs:element name="D2046_MTSPIDFlag" type="xs:boolean"> <xs:annotation> <xs:documentation> Used only for drainage-only SPIDs; identifies whether there is a Multi-Tenancy SPID for the identified SPID. </xs:documentation> </xs:annotation> </xs:element></pre>

element **D2047_LPRejectionIndicator**

diagram	 Identifies whether SW has failed to obtain the agreement of the relevant LP for a back-dated De-reg/PDISC for a SPID and associated meter read deletions.
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:boolean
properties	content simple
used by	complexTypes BackdatedSPIDStatusUpdateNotificationType BackdatedSPIDStatusUpdateType
annotation	documentation Identifies whether SW has failed to obtain the agreement of the relevant LP for a back-dated De-reg/PDISC for a SPID and associated meter read deletions.
source	<pre><xs:element name="D2047_LPRejectionIndicator" type="xs:boolean"> <xs:annotation> <xs:documentation> Identifies whether SW has failed to obtain the agreement of the relevant LP for a back-dated De-reg/PDISC for a SPID and associated meter read deletions. </xs:documentation> </xs:annotation> </xs:element></pre>

element **D2048_SAIndicator**

diagram	 Indicates whether Property Drainage is charged on Surface Area, or on Live RV.
namespace	urn:bridgeall-com:cmaservice:data:v3

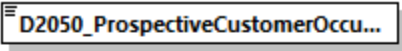
type	SAIndicatorType		
properties	content	simple	
used by	complexTypes	SewerageServiceElementUpdateNotificationType SewerageSPIDDataType T006.3 SewerageSPIDUpdateType T006.5 SewerageSPIDNotificationType T012.3 SewerageServiceElementUpdateType	
facets	Kind	Value	Annotation
	enumeration	NA	
	enumeration	RV	
	enumeration	SA	
annotation	documentation		
	Indicates whether Property Drainage is charged on Surface Area, or on Live RV.		
source	<pre><xs:element name="D2048_SAIndicator" type="SAIndicatorType"> <xs:annotation> <xs:documentation> Indicates whether Property Drainage is charged on Surface Area, or on Live RV. </xs:documentation> </xs:annotation> </xs:element></pre>		

element **D2049_ProspectiveCustomer**

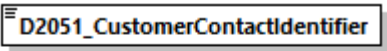
diagram	D2049_ProspectiveCustomer Used at Transfer Registration to identify the prospective customer (in the same format as for a Customer Name) where the reason for transfer is 'New Customer'.												
namespace	urn:bridgeall-com:cmaservice:data:v3												
type	restriction of xs:string												
properties	content simple												
used by	complexTypes RegistrationStartType T003.1 RegistrationApplicationType TerminationNotificationType												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>255</td><td></td></tr><tr><td>pattern</td><td colspan="2">([^\t\n\r])*</td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	255		pattern	([^\t\n\r])*	
Kind	Value	Annotation											
minLength	1												
maxLength	255												
pattern	([^\t\n\r])*												
annotation	documentation Used at Transfer Registration to identify the prospective customer (in the same format as for a Customer Name) where the reason for transfer is 'New Customer'.												
source	<pre><xs:element name="D2049_ProspectiveCustomer"> <xs:annotation> <xs:documentation> Used at Transfer Registration to identify the prospective customer (in the same format as for a Customer Name) where the reason for transfer is 'New Customer'. </xs:documentation> </xs:annotation> <xs:simpleType></pre>												

	<pre> <xs:restriction base="xs:string"> <xs:maxLength value="255"/> <xs:minLength value="1"/> <xs:pattern value="([^\t\n\r])*"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **D2050_ProspectiveCustomerOccupancyDate**

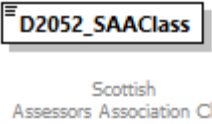
diagram	 Used when a prospective customer is provided at Transfer Registration and identifies the date when such prospective customer is anticipated to have occupied the identified premises.
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:date
properties	content simple
used by	complexTypes RegistrationStartType T003.1 RegistrationApplicationType TerminationNotificationType
annotation	documentation Used when a prospective customer is provided at Transfer Registration and identifies the date when such prospective customer is anticipated to have occupied the identified premises.
source	<pre> <xs:element name="D2050_ProspectiveCustomerOccupancyDate" type="xs:date"> <xs:annotation> <xs:documentation> Used when a prospective customer is provided at Transfer Registration and identifies the date when such prospective customer is anticipated to have occupied the identified premises. </xs:documentation> </xs:annotation> </xs:element> </pre>

element **D2051_CustomerContactIdentifier**

diagram	 Declares whether a customer has been contacted by an Outgoing LP prior to that LP submitting a Transfer Cancellation.
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:boolean
properties	content simple
used by	complexType CancelRegistrationOutType

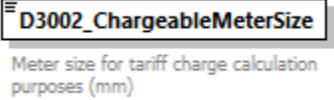
annotation	documentation Declares whether a customer has been contacted by an Outgoing LP prior to that LP submitting a Transfer Cancellation.
source	<pre><xs:element name="D2051_CustomerContactIdentifier" type="xs:boolean"> <xs:annotation> <xs:documentation> Declares whether a customer has been contacted by an Outgoing LP prior to that LP submitting a Transfer Cancellation. </xs:documentation> </xs:annotation> </xs:element></pre>

element **D2052_SAAClass**

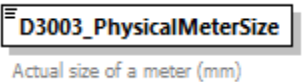
diagram			
namespace	urn:bridgeall-com:cmaservice:data:v3		
type	SAAClassType		
properties	content simple		
used by	complexType UARNTYPE		
facets	Kind	Value	Annotation
	enumeration	NA	
	enumeration	0001	
	enumeration	0002	
	enumeration	0003	
	enumeration	0004	
	enumeration	0005	
	enumeration	0006	
	enumeration	0007	
	enumeration	0008	
	enumeration	0009	
	enumeration	0010	
	enumeration	0011	
	enumeration	0012	
	enumeration	0013	
	enumeration	0014	
	enumeration	0015	
	enumeration	0016	
	enumeration	0017	
	enumeration	0018	
	enumeration	0019	
	enumeration	0020	
annotation	documentation Scottish Assessors Association Class		
source	<pre><xs:element name="D2052_SAAClass" type="SAAClassType"> <xs:annotation> <xs:documentation></pre>		

	MeterReadNotificationType MeterReadType MeterSWAPDetailsNotificationType MeterSWAPDetailsType MeterUpdateNotificationType MeterUpdateType T004.0 NewMeterType T004.1 NewMeterNotificationType T004.3 VirtualMeterType UpdateMeterLocationNotificationType UpdateMeterLocationType		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	32	
	pattern	([^\t\n\r])*	
annotation	documentation Meter Identification (e.g. manufacturers serial number)		
source	<pre><xs:element name="D3001_MeterId" type="string32"> <xs:annotation> <xs:documentation>Meter Identification (e.g. manufacturers serial number)</xs:documentation> </xs:annotation> </xs:element></pre>		

element **D3002_ChargeableMeterSize**

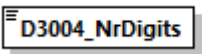
diagram			
namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:short		
properties	content	simple	
used by	complexTypes	ChargeableMeterUpdateType T004.0 NewMeterType T004.1 NewMeterNotificationType T004.3 VirtualMeterType	
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	9999	
annotation	documentation Meter size for tariff charge calculation purposes (mm)		
source	<pre><xs:element name="D3002_ChargeableMeterSize"> <xs:annotation> <xs:documentation>Meter size for tariff charge calculation purposes (mm)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **D3003_PhysicalMeterSize**

diagram			
namespace	urn:bridgeall-com:cmaservice:data:v3		

type	restriction of xs:short		
properties	content	simple	
used by	complexTypees	MeterUpdateNotificationType MeterUpdateType T004.0 NewMeterType T004.1 NewMeterNotificationType T004.3 VirtualMeterType	
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	9999	
annotation	documentation	Actual size of a meter (mm)	
source	<pre><xs:element name="D3003_PhysicalMeterSize"> <xs:annotation> <xs:documentation>Actual size of a meter (mm)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **D3004_NrDigits**

diagram	 The number of digits on the meter register									
namespace	urn:bridgeall-com:cmaservice:data:v3									
type	restriction of xs:short									
properties	content simple									
used by	complexTypees MeterUpdateNotificationType MeterUpdateType T004.0 NewMeterType T004.1 NewMeterNotificationType T004.3 VirtualMeterType									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>2</td><td></td></tr><tr><td>maxInclusive</td><td>13</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	2		maxInclusive	13	
Kind	Value	Annotation								
minInclusive	2									
maxInclusive	13									
annotation	documentation The number of digits on the meter register									
source	<pre><xs:element name="D3004_NrDigits"> <xs:annotation> <xs:documentation>The number of digits on the meter register</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="2"/> <xs:maxInclusive value="13"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **D3005_SewerageChargeableMeterSize**

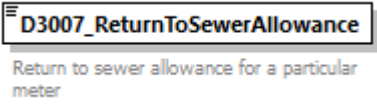
diagram	D3005_SewerageChargeableMeter... The chargeable size for the Related Water Supply Meter for calculations of Sewerage tariff									
namespace	urn:bridgeall-com:cmaservice:data:v3									
type	restriction of xs:short									
properties	content simple									
used by	complexTypes ChargeableMeterUpdateType T004.0 NewMeterType T004.1 NewMeterNotificationType T004.3 VirtualMeterType									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>9999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	9999									
annotation	documentation The chargeable size for the Related Water Supply Meter for calculations of Sewerage tariff									
source	<pre><xs:element name="D3005_SewerageChargeableMeterSize"> <xs:annotation> <xs:documentation>The chargeable size for the Related Water Supply Meter for calculations of Sewerage tariff</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **D3006_SubMeterId**

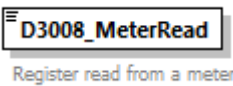
diagram	D3006_SubMeterId Identifies a meter as a sub-meter below a main meter in a meter network												
namespace	urn:bridgeall-com:cmaservice:data:v3												
type	restriction of xs:string												
properties	content simple												
used by	complexTypes MeterNetworkAssociationDeletionType MeterNetworkAssociationType												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>32</td><td></td></tr><tr><td>pattern</td><td>([^\t\n\r])*</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	32		pattern	([^\t\n\r])*	
Kind	Value	Annotation											
minLength	1												
maxLength	32												
pattern	([^\t\n\r])*												
annotation	documentation Identifies a meter as a sub-meter below a main meter in a meter network												
source	<pre><xs:element name="D3006_SubMeterId"> <xs:annotation> <xs:documentation>Identifies a meter as a sub-meter below a main meter in a meter network</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"></pre>												

	<pre> <xs:minLength value="1"/> <xs:maxLength value="32"/> <xs:pattern value="([^\t\n\r])*/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element **D3007_ReturnToSewerAllowance**

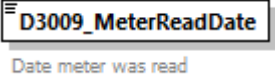
diagram																
namespace	urn:bridgeall-com:cmaservice:data:v3															
type	percentage															
properties	content simple															
used by	complexTypes ChargeableMeterUpdateType T004.0 NewMeterType T004.1 NewMeterNotificationType T004.3 VirtualMeterType															
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>100</td><td></td></tr><tr><td>totalDigits</td><td>5</td><td></td></tr><tr><td>fractionDigits</td><td>2</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	100		totalDigits	5		fractionDigits	2	
Kind	Value	Annotation														
minInclusive	0															
maxInclusive	100															
totalDigits	5															
fractionDigits	2															
annotation	documentation Return to sewer allowance for a particular meter															
source	<pre><xs:element name="D3007_ReturnToSewerAllowance" type="percentage"> <xs:annotation> <xs:documentation>Return to sewer allowance for a particular meter</xs:documentation> </xs:annotation> </xs:element></pre>															

element **D3008_MeterRead**

diagram													
namespace	urn:bridgeall-com:cmaservice:data:v3												
type	restriction of xs:decimal												
properties	content simple												
used by	complexTypes BackdatedSPIDStatusUpdateNotificationType BackdatedSPIDStatusUpdateType DPMeterReadType LPMeterReadType MeterReadNotificationType MeterReadType MeterSWAPDetailsNotificationType MeterSWAPDetailsType												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>9999999999999999</td><td></td></tr><tr><td>fractionDigits</td><td>0</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	9999999999999999		fractionDigits	0	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	9999999999999999												
fractionDigits	0												
annotation	documentation Register read from a meter												
source	<pre><xs:element name="D3008_MeterRead"> <xs:annotation></pre>												

	<pre> <xs:documentation>Register read from a meter</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9999999999999999"/> <xs:fractionDigits value="0"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **D3009_MeterReadDate**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:date
properties	content simple
used by	complexTypes DPMeterReadType LPMeterReadType MeterReadNotificationType MeterReadType MeterSWAPDetailsNotificationType MeterSWAPDetailsType
annotation	documentation Date meter was read
source	<pre> <xs:element name="D3009_MeterReadDate" type="xs:date"> <xs:annotation> <xs:documentation>Date meter was read </xs:documentation> </xs:annotation> </xs:element> </pre>

element **D3010_MeterReadType**

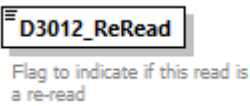
diagram	D3010_MeterReadType The type of meter reading (e.g. opening, closing, cyclic)																														
namespace	urn:bridgeall-com:cmaservice:data:v3																														
type	ReadType																														
properties	content simple																														
used by	complexTypes DPMeterReadType LPMeterReadType MeterReadNotificationType MeterReadType MeterSWAPDetailsNotificationType MeterSWAPDetailsType																														
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>O</td><td></td></tr><tr><td>enumeration</td><td>E</td><td></td></tr><tr><td>enumeration</td><td>I</td><td></td></tr><tr><td>enumeration</td><td>F</td><td></td></tr><tr><td>enumeration</td><td>C</td><td></td></tr><tr><td>enumeration</td><td>U</td><td></td></tr><tr><td>enumeration</td><td>T</td><td></td></tr><tr><td>enumeration</td><td>X</td><td></td></tr><tr><td>enumeration</td><td>Y</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	O		enumeration	E		enumeration	I		enumeration	F		enumeration	C		enumeration	U		enumeration	T		enumeration	X		enumeration	Y	
Kind	Value	Annotation																													
enumeration	O																														
enumeration	E																														
enumeration	I																														
enumeration	F																														
enumeration	C																														
enumeration	U																														
enumeration	T																														
enumeration	X																														
enumeration	Y																														

	enumeration R enumeration S enumeration D
annotation	documentation The type of meter reading (e.g. opening, closing, cyclic)
source	<pre><xs:element name="D3010_MeterReadType" type="ReadType"> <xs:annotation> <xs:documentation>The type of meter reading (e.g. opening, closing, cyclic)</xs:documentation> </xs:annotation> </xs:element></pre>

element **D3011_MeterReadFrequency**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	ReadFrequencyType
properties	content simple
used by	complexTypes MeterUpdateNotificationType MeterUpdateType T004.0 NewMeterType T004.1 NewMeterNotificationType T004.3 VirtualMeterType
facets	Kind Value Annotation enumeration B enumeration M enumeration N
annotation	documentation The frequency that the LP must read a meter
source	<pre><xs:element name="D3011_MeterReadFrequency" type="ReadFrequencyType"> <xs:annotation> <xs:documentation>The frequency that the LP must read a meter </xs:documentation> </xs:annotation> </xs:element></pre>

element **D3012_ReRead**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:boolean
properties	content simple
used by	complexTypes DPMeterReadType LPMeterReadType MeterReadNotificationType MeterReadType MeterSwapNotificationType MeterSwapType
annotation	documentation Flag to indicate if this read is a re-read
source	<pre><xs:element name="D3012_ReRead" type="xs:boolean"> <xs:annotation></pre>

	<pre> <xs:documentation>Flag to indicate if this read is a re-read </xs:documentation> </xs:annotation> </xs:element> </pre>
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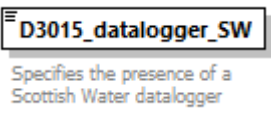
element **D3013_MeterMake**

diagram			
namespace	urn:bridgeall-com:cmaservice:data:v3		
type	string32		
properties	content simple		
used by	complexTypes	MeterUpdateNotificationType MeterUpdateType T004.0 NewMeterType T004.1 NewMeterNotificationType T004.3 VirtualMeterType	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	32	
	pattern	([^\t\n\r])*	
annotation	documentation Meter Make		
source	<pre><xs:element name="D3013_MeterMake" type="string32"> <xs:annotation> <xs:documentation>Meter Make</xs:documentation> </xs:annotation> </xs:element></pre>		

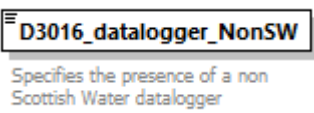
element **D3014_ManufacturerMeterSerialNr**

diagram			
namespace	urn:bridgeall-com:cmaservice:data:v3		
type	string32		
properties	content simple		
used by	complexTypes	MeterUpdateNotificationType MeterUpdateType T004.0 NewMeterType T004.1 NewMeterNotificationType T004.3 VirtualMeterType	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	32	
	pattern	([^\t\n\r])*	
annotation	documentation Meter Serial Number		
source	<pre><xs:element name="D3014_ManufacturerMeterSerialNr" type="string32"> <xs:annotation> <xs:documentation>Meter Serial Number</xs:documentation> </xs:annotation> </xs:element></pre>		

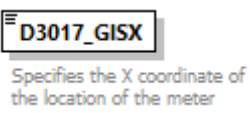
element **D3015_datalogger_SW**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:boolean
properties	content simple
used by	complexTypes MeterUpdateNotificationType MeterUpdateType T004.0 NewMeterType T004.1 NewMeterNotificationType
annotation	documentation Specifies the presence of a Scottish Water datalogger
source	<pre><xs:element name="D3015_datalogger_SW" type="xs:boolean"> <xs:annotation> <xs:documentation>Specifies the presence of a Scottish Water datalogger</xs:documentation> </xs:annotation> </xs:element></pre>

element **D3016_datalogger_NonSW**

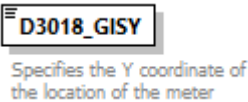
diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:boolean
properties	content simple
used by	complexTypes MeterUpdateNotificationType MeterUpdateType T004.0 NewMeterType T004.1 NewMeterNotificationType
annotation	documentation Specifies the presence of a non Scottish Water datalogger
source	<pre><xs:element name="D3016_datalogger_NonSW" type="xs:boolean"> <xs:annotation> <xs:documentation>Specifies the presence of a non Scottish Water datalogger</xs:documentation> </xs:annotation> </xs:element></pre>

element **D3017_GISX**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	restriction of xs:decimal
properties	content simple
used by	complexTypes MeterUpdateNotificationType MeterUpdateType T004.0 NewMeterType T004.1 NewMeterNotificationType

facets	Kind	Value	Annotation
	totalDigits	7	
	fractionDigits	1	
annotation	documentation Specifies the X coordinate of the location of the meter		
source	<pre><xs:element name="D3017_GISX"> <xs:annotation> <xs:documentation>Specifies the X coordinate of the location of the meter</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="7"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **D3018_GISY**

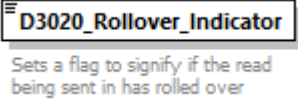
diagram			
namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:decimal		
properties	content simple		
used by	complexTypes MeterUpdateNotificationType MeterUpdateType T004.0 NewMeterType T004.1 NewMeterNotificationType		
facets	Kind	Value	Annotation
	totalDigits	8	
	fractionDigits	1	
annotation	documentation Specifies the Y coordinate of the location of the meter		
source	<pre><xs:element name="D3018_GISY"> <xs:annotation> <xs:documentation>Specifies the Y coordinate of the location of the meter</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="8"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **D3019_GISZFreeDescriptor**

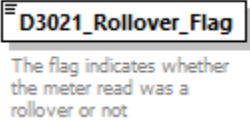
diagram			
namespace	urn:bridgeall-com:cmaservice:data:v3		

type	restriction of xs:string
properties	content simple
used by	complexTypes MeterUpdateNotificationType T004.0 NewMeterType T004.1 NewMeterNotificationType UpdateMeterLocationNotificationType UpdateMeterLocationType
facets	Kind Value Annotation maxLength 255
annotation	documentation Specifies the Z Free Descriptor of the location of the meter
source	<pre><xs:element name="D3019_GISZFreeDescriptor"> <xs:annotation> <xs:documentation>Specifies the Z Free Descriptor of the location of the meter</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="255"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **D3020_Rollover_Indicator**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:boolean
properties	content simple
used by	complexTypes BackdatedSPIDStatusUpdateType LPMeterReadType MeterReadType MeterSWAPDetailsType
annotation	documentation Sets a flag to signify if the read being sent in has rolled over
source	<pre><xs:element name="D3020_Rollover_Indicator" type="xs:boolean"> <xs:annotation> <xs:documentation>Sets a flag to signify if the read being sent in has rolled over </xs:documentation> </xs:annotation> </xs:element></pre>

element **D3021_Rollover_Flag**

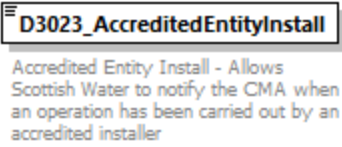
diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:boolean
properties	content simple

used by	complexTypes BackdatedSPIDStatusUpdateNotificationType DPMeterReadType MeterReadNotificationType MeterSWAPDetailsNotificationType
annotation	documentation The flag indicates whether the meter read was a rollover or not
source	<pre><xs:element name="D3021_Rollover_Flag" type="xs:boolean"> <xs:annotation> <xs:documentation>The flag indicates whether the meter read was a rollover or not </xs:documentation> </xs:annotation> </xs:element></pre>

element **D3022_MeterTreatment**

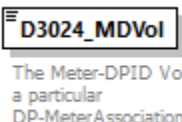
diagram			
namespace	urn:bridgeall-com:cmaservice:data:v3		
type	MeterTreatmentType		
properties	content simple		
used by	complexTypes T004.0 NewMeterType T004.1 NewMeterNotificationType		
facets	Kind	Value	Annotation
	enumeration	SWWater	
	enumeration	PrivateWater	
	enumeration	PrivateEffluent	
	enumeration	TankeredEffluent	
	enumeration	LogicalWater	
	enumeration	PseudoWater	
annotation	documentation Meter Treatment Indicator		
source	<pre><xs:element name="D3022_MeterTreatment" type="MeterTreatmentType"> <xs:annotation> <xs:documentation>Meter Treatment Indicator</xs:documentation> </xs:annotation> </xs:element></pre>		

element **D3023_AccreditedEntityInstall**

diagram			
namespace	urn:bridgeall-com:cmaservice:data:v3		
type	xs:boolean		
properties	content simple		
used by	complexType T004.0 NewMeterType		
annotation	documentation Accredited Entity Install - Allows Scottish Water to notify the CMA when an operation has been carried out by an accredited installer		

source	<pre> <xs:element name="D3023_AccreditedEntityInstall" type="xs:boolean"> <xs:annotation> <xs:documentation>Accredited Entity Install - Allows Scottish Water to notify the CMA when an operation has been carried out by an accredited installer</xs:documentation> </xs:annotation> </xs:element> </pre>
--------	--

element **D3024_MDVol**

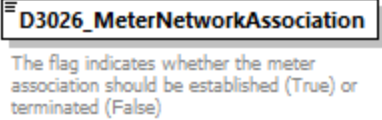
diagram																
namespace	urn:bridgeall-com:cmaservice:data:v3															
type	percentage															
properties	content simple															
used by	complexType MeterAssociationType															
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>100</td><td></td></tr><tr><td>totalDigits</td><td>5</td><td></td></tr><tr><td>fractionDigits</td><td>2</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	100		totalDigits	5		fractionDigits	2	
Kind	Value	Annotation														
minInclusive	0															
maxInclusive	100															
totalDigits	5															
fractionDigits	2															
annotation	documentation The Meter-DPID Volume for a particular DP-MeterAssociation															
source	<pre><xs:element name="D3024_MDVol" type="percentage"> <xs:annotation> <xs:documentation>The Meter-DPID Volume for a particular DP- MeterAssociation</xs:documentation> </xs:annotation> </xs:element></pre>															

element **D3025_MeterLocationCode**

diagram																
namespace	urn:bridgeall-com:cmaservice:data:v3															
type	MeterLocationCodeType															
properties	content simple															
used by	complexTypes T004.0 NewMeterType T004.1 NewMeterNotificationType UpdateMeterLocationNotificationType UpdateMeterLocationType															
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>M1</td><td></td></tr><tr><td>enumeration</td><td>M2</td><td></td></tr><tr><td>enumeration</td><td>M3</td><td></td></tr><tr><td>enumeration</td><td>M4</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	M1		enumeration	M2		enumeration	M3		enumeration	M4	
Kind	Value	Annotation														
enumeration	M1															
enumeration	M2															
enumeration	M3															
enumeration	M4															
annotation	documentation Meter Location Code															
source	<xs:element name="D3025_MeterLocationCode"															

	<pre> type="MeterLocationCodeType"> <xs:annotation> <xs:documentation>Meter Location Code</xs:documentation> </xs:annotation> </xs:element> </pre>
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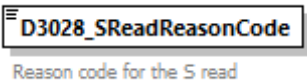
element **D3026_MeterNetworkAssociation**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:boolean
properties	content simple
used by	complexType MeterNetworkAssociationType
annotation	documentation The flag indicates whether the meter association should be established (True) or terminated (False)
source	<pre> <xs:element name="D3026_MeterNetworkAssociation" type="xs:boolean"> <xs:annotation> <xs:documentation>The flag indicates whether the meter association should be established (True) or terminated (False)</xs:documentation> </xs:annotation> </xs:element> </pre>

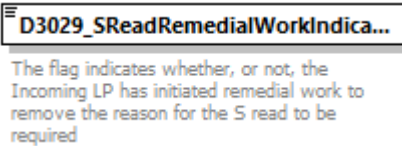
element **D3027_MainMeterId**

diagram	D3027_MainMeterId Meter Identification of a Main Meter in a meter network												
namespace	urn:bridgeall-com:cmaservice:data:v3												
type	string32												
properties	content simple												
used by	complexTypes MeterNetworkAssociationDeletionType MeterNetworkAssociationType												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>32</td><td></td></tr><tr><td>pattern</td><td>[(^, \t\n\r)]*</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	32		pattern	[(^, \t\n\r)]*	
Kind	Value	Annotation											
minLength	1												
maxLength	32												
pattern	[(^, \t\n\r)]*												
annotation	documentation Meter Identification of a Main Meter in a meter network												
source	<pre><xs:element name="D3027_MainMeterId" type="string32"> <xs:annotation> <xs:documentation>Meter Identification of a Main Meter in a meter network</xs:documentation> </xs:annotation> </xs:element></pre>												

element **D3028_SReadReasonCode**

diagram																			
namespace	urn:bridgeall-com:cmaservice:data:v3																		
type	SReadReasonCodeType																		
properties	content simple																		
used by	complexTypes LPMeterReadType MeterReadNotificationType MeterReadType																		
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>WMD</td><td></td></tr><tr><td>enumeration</td><td>NMA</td><td></td></tr><tr><td>enumeration</td><td>MNF</td><td></td></tr><tr><td>enumeration</td><td>NSA</td><td></td></tr><tr><td>enumeration</td><td>PLR</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	WMD		enumeration	NMA		enumeration	MNF		enumeration	NSA		enumeration	PLR	
Kind	Value	Annotation																	
enumeration	WMD																		
enumeration	NMA																		
enumeration	MNF																		
enumeration	NSA																		
enumeration	PLR																		
annotation	documentation Reason code for the S read																		
source	<pre><xs:element name="D3028_SReadReasonCode" type="SReadReasonCodeType"> <xs:annotation> <xs:documentation>Reason code for the S read</xs:documentation> </xs:annotation> </xs:element></pre>																		

element **D3029_SReadRemedialWorkIndicator**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:boolean
properties	content simple
used by	complexTypes LPMeterReadType MeterReadNotificationType MeterReadType
annotation	documentation The flag indicates whether, or not, the Incoming LP has initiated remedial work to remove the reason for the S read to be required
source	<pre><xs:element name="D3029_SReadRemedialWorkIndicator" type="xs:boolean"> <xs:annotation> <xs:documentation>The flag indicates whether, or not, the Incoming LP has initiated remedial work to remove the reason for the S read to be required</xs:documentation> </xs:annotation> </xs:element></pre>

element **D4001_OrgId**

diagram	D4001_OrgId D4001 Unique ID for each organisation (SW, Licensed Providers etc) transacting flows with CMA												
namespace	urn:bridgeall-com:cmaservice:data:v3												
type	restriction of xs:string												
properties	content simple												
used by	complexTypes CustomerNameUpdatedNotificationType NewSPIDNotificationType NewSPIDRequestType NotifyRSDType SPIDStatusUpdateType TerminationNotificationType												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>6</td><td></td></tr><tr><td>pattern</td><td colspan="2">([a-zA-Z0-9][\-\-])*</td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	6		pattern	([a-zA-Z0-9][\-\-])*	
Kind	Value	Annotation											
minLength	1												
maxLength	6												
pattern	([a-zA-Z0-9][\-\-])*												
annotation	documentation D4001 Unique ID for each organisation (SW, Licensed Providers etc) transacting flows with CMA												
source	<pre><xs:element name="D4001_OrgId"> <xs:annotation> <xs:documentation>D4001 Unique ID for each organisation (SW, Licensed Providers etc) transacting flows with CMA</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="6"/> <xs:pattern value="([a-zA-Z0-9][\-\-])*" /> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **D4002_RegistrationStartDate**

diagram	 D4002 Date SPID becomes registered to a Licensed Provider
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:date
properties	content simple
used by	complexTypes NotifyRSDType RegistrationStartType T003.1 RegistrationApplicationType TerminationNotificationType
annotation	documentation D4002 Date SPID becomes registered to a Licensed Provider
source	<pre> <xs:element name="D4002_RegistrationStartDate" type="xs:date"> <xs:annotation> <xs:documentation>D4002 Date SPID becomes registered to a Licensed Provider</xs:documentation> </xs:annotation> </xs:element> </pre>

element **D4003_Comment**

diagram	D4003_Comment Generic text field for (short) comments and notes related to the transaction									
namespace	urn:bridgeall-com:cmaservice:data:v3									
type	restriction of xs:string									
properties	content simple									
used by	complexTypes CancelRegistrationNotificationType CancelRegistrationOutType ChargeableMeterUpdateType DPIDUpdateType MeterUpdateNotificationType MeterUpdateType RegistrationStartType ServiceElementUpdateNotificationType SewerageServiceElementUpdateNotificationType T003.1 RegistrationApplicationType T012.0 MiscSPIDUpdateType T012.10 SPIDVariableDataUpdateType T012.1 ServiceElementUpdateType T012.3 SewerageServiceElementUpdateType T012.9 NotifySPIDDataType TerminationNotificationType									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>maxLength</td><td>255</td><td></td></tr><tr><td>whiteSpace</td><td>preserve</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	255		whiteSpace	preserve	
Kind	Value	Annotation								
maxLength	255									
whiteSpace	preserve									
annotation	documentation Generic text field for (short) comments and notes related to the transaction									
source	<xs:element name="D4003_Comment"> <xs:annotation> <xs:documentation>Generic text field for (short) comments and notes related to the transaction</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="255"/> <xs:whiteSpace value="preserve"/> </xs:restriction> </xs:simpleType> </xs:element>									

element **D4004_ReturnCode**

diagram	D4004_ReturnCode Specifies error using code from valid set																					
namespace	urn:bridgeall-com:cmaservice:data:v3																					
type	ReturnCodeType																					
properties	content simple																					
used by	complexTypes NotificationType T009.4 NotificationType																					
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>AA</td><td></td></tr><tr><td>enumeration</td><td>AB</td><td></td></tr><tr><td>enumeration</td><td>AC</td><td></td></tr><tr><td>enumeration</td><td>AD</td><td></td></tr><tr><td>enumeration</td><td>AE</td><td></td></tr><tr><td>enumeration</td><td>AF</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	AA		enumeration	AB		enumeration	AC		enumeration	AD		enumeration	AE		enumeration	AF	
Kind	Value	Annotation																				
enumeration	AA																					
enumeration	AB																					
enumeration	AC																					
enumeration	AD																					
enumeration	AE																					
enumeration	AF																					

enumeration	AG
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enumeration	AP
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enumeration	AR
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enumeration	DA
enumeration	DB
enumeration	DC
enumeration	DD
enumeration	DE
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enumeration	DN
enumeration	DO
enumeration	DP
enumeration	DQ
enumeration	DR
enumeration	DS
enumeration	DT
enumeration	DU
enumeration	DV
enumeration	DW
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enumeration	FD
enumeration	FE
enumeration	FF
enumeration	FG
enumeration	FH
enumeration	FI
enumeration	FJ
enumeration	FK
enumeration	FL
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enumeration	FN
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enumeration	FT
enumeration	FU
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enumeration	FX
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enumeration	GD

enumeration	GE
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enumeration	GS
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enumeration	GU
enumeration	GV
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enumeration	GX
enumeration	GY
enumeration	GZ
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enumeration	HB
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enumeration	HD
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enumeration	HF
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enumeration	HH
enumeration	HI
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enumeration	HR
enumeration	HS
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enumeration	HU
enumeration	HV
enumeration	HW
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enumeration	HZ
enumeration	IA
enumeration	IB
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enumeration	IO
enumeration	IP
enumeration	IQ
enumeration	IR
enumeration	IS
enumeration	IT
enumeration	IU
enumeration	IV
enumeration	IW
enumeration	IX
enumeration	IY
enumeration	IZ
enumeration	JA
enumeration	JB
enumeration	JC
enumeration	JD
enumeration	JE
enumeration	JF
enumeration	JG
enumeration	JH
enumeration	JI
enumeration	JJ
enumeration	JK
enumeration	JL
enumeration	JM
enumeration	JN
enumeration	JO
enumeration	JP
enumeration	JQ
enumeration	JR
enumeration	JS
enumeration	JT
enumeration	JU
enumeration	JV
enumeration	JW
enumeration	JX
enumeration	JY
enumeration	JZ
enumeration	KA
enumeration	KB
enumeration	KC
enumeration	KD
enumeration	KE
enumeration	KF
enumeration	KG
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enumeration	KK
enumeration	KL
enumeration	KM
enumeration	KN
enumeration	KO
enumeration	KP

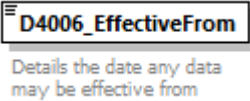
enumeration	KQ
enumeration	KR
enumeration	KS
enumeration	KT
enumeration	KU
enumeration	KV
enumeration	KW
enumeration	KX
enumeration	KY
enumeration	KZ
enumeration	LA
enumeration	LB
enumeration	MA
enumeration	MB
enumeration	MC
enumeration	MD
enumeration	ME
enumeration	MF
enumeration	MG
enumeration	MH
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enumeration	MJ
enumeration	MK
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enumeration	MX
enumeration	MY
enumeration	MZ
enumeration	NA
enumeration	NB
enumeration	NC
enumeration	ND
enumeration	NE
enumeration	NF
enumeration	NG
enumeration	NH
enumeration	NI
enumeration	NJ
enumeration	NK
enumeration	NL
enumeration	NM
enumeration	NN
enumeration	NO
enumeration	NQ
enumeration	NP
enumeration	NR
enumeration	NS
enumeration	NT

	enumeration NU enumeration NV enumeration NW enumeration NX enumeration XA
annotation	documentation Specifies error using code from valid set
source	<pre><xs:element name="D4004_ReturnCode" type="ReturnCodeType"> <xs:annotation> <xs:documentation>Specifies error using code from valid set</xs:documentation> </xs:annotation> </xs:element></pre>

element **D4005_CancellationCode**

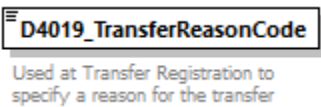
diagram			
namespace	urn:bridgeall-com:cmaservice:data:v3		
type	CancellationCodeType		
properties	content	simple	
used by	complexTypes	CancelRegistrationNotificationType CancelRegistrationType	
facets	Kind	Value	Annotation
	enumeration	E	
	enumeration	D	
	enumeration	C	
	enumeration	PL	
	enumeration	P	
	enumeration	UN	
	enumeration	UW	
	enumeration	NN	
	enumeration	F	
annotation	documentation	Used by LP to specify cancellation reason	
source	<pre><xs:element name="D4005_CancellationCode" type="CancellationCodeType"> <xs:annotation> <xs:documentation>Used by LP to specify cancellation reason</xs:documentation> </xs:annotation> </xs:element></pre>		

element **D4006_EffectiveFrom**

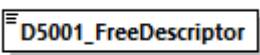
diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:date

properties	content simple
used by	complexTypes BackdatedSPIDStatusUpdateNotificationType BackdatedSPIDStatusUpdateType ChargeableMeterUpdateType DiscontinueDPIDType DPIDNotificationType DPIDUpdateType MeterAssociationType MeterDisAssociationType MeterNetworkAssociationType PremisesSpecialArrangementsUpdateNotificationType PremisesSpecialArrangementsUpdateType Schedule3UpdateType ServiceElementUpdateNotificationType SewerageServiceElementUpdateNotificationType SpecialArrangementsUpdateNotificationType SpecialArrangementsUpdateType SPIDStatusUpdateType T012.10 SPIDVariableDataUpdateType T012.11 NotifySPIDVariableDataUpdateType T012.1 ServiceElementUpdateType T012.3 SewerageServiceElementUpdateType T012.7 UpdateLiveRateableValueType T012.8 UpdateLiveRateableValueNotificationType T016.0 UnmeasureableDeclarationType TEUpdateType
annotation	documentation Details the date any data may be effective from
source	<pre> <xs:element name="D4006_EffectiveFrom" type="xs:date"> <xs:annotation> <xs:documentation>Details the date any data may be effective from</xs:documentation> </xs:annotation> </xs:element> </pre>

element **D4019_TransferReasonCode**

diagram	 Used at Transfer Registration to specify a reason for the transfer												
namespace	urn:bridgeall-com:cmaservice:data:v3												
type	TransferReasonCodeType												
properties	content simple												
used by	complexTypes RegistrationStartType T003.1 RegistrationApplicationType TerminationNotificationType												
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>CR</td><td></td></tr><tr><td>enumeration</td><td>NC</td><td></td></tr><tr><td>enumeration</td><td>RR</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	CR		enumeration	NC		enumeration	RR	
Kind	Value	Annotation											
enumeration	CR												
enumeration	NC												
enumeration	RR												
annotation	documentation Used at Transfer Registration to specify a reason for the transfer												
source	<pre><xs:element name="D4019_TransferReasonCode" type="TransferReasonCodeType"> <xs:annotation> <xs:documentation>Used at Transfer Registration to specify a reason for the transfer</xs:documentation> </xs:annotation> </xs:element></pre>												

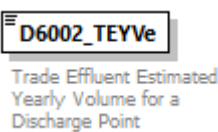
element **D5001_FreeDescriptor**

diagram													
namespace	urn:bridgeall-com:cmaservice:data:v3												
type	restriction of xs:string												
properties	content simple												
used by	complexTypes MeterAddress T004.3 VirtualMeterType												
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>maxLength</td><td>255</td><td></td></tr><tr><td>whiteSpace</td><td>preserve</td><td></td></tr><tr><td>pattern</td><td>((^\t\n\r))*</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	255		whiteSpace	preserve		pattern	((^\t\n\r))*	
Kind	Value	Annotation											
maxLength	255												
whiteSpace	preserve												
pattern	((^\t\n\r))*												
source	<pre><xs:element name="D5001_FreeDescriptor"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="255"/> <xs:whiteSpace value="preserve"/> <xs:pattern value="([^\t\n\r])*"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **D6001_DPID**

diagram													
namespace	urn:bridgeall-com:cmaservice:data:v3												
type	string32												
properties	content simple												
used by	complexTypes DiscontinueDPIDType DPIDNotificationType DPIDUpdateType DPMeterReadType MeterAssociationType MeterDisAssociationType Schedule3UpdateType TEUpdateType												
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>32</td><td></td></tr><tr><td>pattern</td><td>([^\t\n\r])*</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	32		pattern	([^\t\n\r])*	
Kind	Value	Annotation											
minLength	1												
maxLength	32												
pattern	([^\t\n\r])*												
annotation	documentation Discharge Point ID												
source	<pre><xs:element name="D6001_DPID" type="string32"> <xs:annotation> <xs:documentation>Discharge Point ID</xs:documentation> </xs:annotation> </xs:element></pre>												

element **D6002_TYVe**

diagram	
---------	---

namespace	urn:bridgeall-com:cmaservice:data:v3		
type	decimal18		
properties	content simple		
used by	complexTypes	DPIDNotificationType DPIDUpdateType	
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	9999999999	
	totalDigits	18	
	fractionDigits	8	
annotation	documentation Trade Effluent Estimated Yearly Volume for a Discharge Point		
source	<pre><xs:element name="D6002_TeYVe" type="decimal18"> <xs:annotation> <xs:documentation>Trade Effluent Estimated Yearly Volume for a Discharge Point</xs:documentation> </xs:annotation> </xs:element></pre>		

element **D6003_CDV**

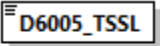
diagram			
namespace	urn:bridgeall-com:cmaservice:data:v3		
type	decimal18		
properties	content simple		
used by	complexTypes	DPIDNotificationType DPIDUpdateType	
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	9999999999	
	totalDigits	18	
	fractionDigits	8	
annotation	documentation TE Availability data: Chargeable Daily Volume m3		
source	<pre><xs:element name="D6003_CDV" type="decimal18"> <xs:annotation> <xs:documentation>TE Availability data: Chargeable Daily Volume m3</xs:documentation> </xs:annotation> </xs:element></pre>		

element **D6004_sBODL**

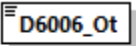
diagram			
namespace	urn:bridgeall-com:cmaservice:data:v3		

type	decimal18		
properties	content	simple	
used by	complexTypes	DPIDNotificationType DPIDUpdateType	
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	9999999999	
	totalDigits	18	
	fractionDigits	8	
annotation	documentation TE Availability data: Chargeable Settled Biochemical Oxygen Demand load (kg/day)		
source	<pre><xs:element name="D6004_sBODL" type="decimal18"> <xs:annotation> <xs:documentation>TE Availability data: Chargeable Settled Biochemical Oxygen Demand load (kg/day)</xs:documentation> </xs:annotation> </xs:element></pre>		

element **D6005_TSSL**

diagram	 TE Availability data: Chargeable Total Suspended Solids load (kg/day)		
namespace	urn:bridgeall-com:cmaservice:data:v3		
type	decimal18		
properties	content	simple	
used by	complexTypes	DPIDNotificationType DPIDUpdateType	
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	9999999999	
	totalDigits	18	
	fractionDigits	8	
annotation	documentation TE Availability data: Chargeable Total Suspended Solids load (kg/day)		
source	<pre><xs:element name="D6005_TSSL" type="decimal18"> <xs:annotation> <xs:documentation>TE Availability data: Chargeable Total Suspended Solids load (kg/day)</xs:documentation> </xs:annotation> </xs:element></pre>		

element **D6006_Ot**

diagram	 TE Operating Data: Fixed Strength Chemical Oxygen Demand		
namespace	urn:bridgeall-com:cmaservice:data:v3		
type	decimal18		

properties	content simple		
used by	complexTypes DPIDNotificationType TEUpdateType		
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	9999999999	
	totalDigits	18	
	fractionDigits	8	
annotation	documentation TE Operating Data: Fixed Strength Chemical Oxygen Demand		
source	<pre><xs:element name="D6006_Ot" type="decimal18"> <xs:annotation> <xs:documentation>TE Operating Data: Fixed Strength Chemical Oxygen Demand</xs:documentation> </xs:annotation> </xs:element></pre>		

element **D6007_St**

diagram																
namespace	urn:bridgeall-com:cmaservice:data:v3															
type	decimal18															
properties	content simple															
used by	complexTypes DPIDNotificationType TEUpdateType															
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>9999999999</td><td></td></tr><tr><td>totalDigits</td><td>18</td><td></td></tr><tr><td>fractionDigits</td><td>8</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	9999999999		totalDigits	18		fractionDigits	8	
Kind	Value	Annotation														
minInclusive	0															
maxInclusive	9999999999															
totalDigits	18															
fractionDigits	8															
annotation	documentation TE Operating Data: Fixed Strength Solids Demand															
source	<pre><xs:element name="D6007_St" type="decimal18"> <xs:annotation> <xs:documentation>TE Operating Data: Fixed Strength Solids Demand</xs:documentation> </xs:annotation> </xs:element></pre>															

element **D6009_Non-domesticAllowance**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	restriction of xs:integer
properties	content simple
used by	complexTypes DPIDNotificationType DPIDUpdateType

facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>999999999</td><td></td></tr></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999999	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	999999999									
annotation	documentation Annual volume associated with the foul sewerage for the Discharge Point (m3)									
source	<pre><xs:element name="D6009_Non-domesticAllowance"> <xs:annotation> <xs:documentation>Annual volume associated with the foul sewerage for the Discharge Point (m3)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999999999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **D6010_SDTIndicator**

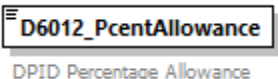
diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:boolean
properties	content simple
used by	complexType DPIDNotificationType DPIDUpdateType
annotation	documentation Seasonal Discharge Tariff Indicator - set as True to apply higher seasonal tariff
source	<pre><xs:element name="D6010_SDTIndicator" type="xs:boolean"> <xs:annotation> <xs:documentation>Seasonal Discharge Tariff Indicator - set as True to apply higher seasonal tariff</xs:documentation> </xs:annotation> </xs:element></pre>

element **D6011_TETreatment**

diagram			
namespace	urn:bridgeall-com:cmaservice:data:v3		
type	TETreatmentType		
properties	content	simple	
used by	complexType	DPIDNotificationType	
facets	Kind	Value	Annotation
	enumeration	Secondary	
	enumeration	Primary	
	enumeration	Sub-Primary	

annotation	documentation TETreatment indicator
source	<pre><xs:element name="D6011_TETreatment" type="TETreatmentType"> <xs:annotation> <xs:documentation>TETreatment indicator</xs:documentation> </xs:annotation> </xs:element></pre>

element **D6012_PcentAllowance**

diagram																
namespace	urn:bridgeall-com:cmaservice:data:v3															
type	percentage															
properties	content simple															
used by	complexTypees DPIDNotificationType DPIDUpdateType															
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>maxInclusive</td><td>100</td><td></td></tr><tr><td>totalDigits</td><td>5</td><td></td></tr><tr><td>fractionDigits</td><td>2</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	100		totalDigits	5		fractionDigits	2	
Kind	Value	Annotation														
minInclusive	0															
maxInclusive	100															
totalDigits	5															
fractionDigits	2															
annotation	documentation DPID Percentage Allowance															
source	<pre><xs:element name="D6012_PcentAllowance" type="percentage"> <xs:annotation> <xs:documentation>DPID Percentage Allowance</xs:documentation> </xs:annotation> </xs:element></pre>															

element **D6013_FixedAllowance**

diagram	 D6013_FixedAllowance DPID Fixed Allowance
namespace	urn:bridgeall-com:cmaservice:data:v3
type	xs:nonNegativeInteger
properties	content simple
used by	complexTypees DPIDNotificationType DPIDUpdateType
annotation	documentation DPID Fixed Allowance
source	<pre><xs:element name="D6013_FixedAllowance" type="xs:nonNegativeInteger"> <xs:annotation> <xs:documentation>DPID Fixed Allowance</xs:documentation> </xs:annotation> </xs:element></pre>

element **Document**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	Submission Response RequestMessages Handshakes
source	<pre> <xs:element name="Document"> <xs:complexType> <xs:choice> <xs:element ref="Submission"/> <xs:element ref="Response"/> <xs:element ref="RequestMessages"/> <xs:element ref="Handshakes"/> </xs:choice> </xs:complexType> </xs:element> </pre>

element **Handshakes**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
properties	content complex					
children	HandShake					
used by	element Document					
attributes	Name	Type	Use	Default	Fixed	Annotation
	D1005_SenderOrgID		required			
source	<pre><xs:element name="Handshakes"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="HandShake"> <xs:complexType> <xs:attribute name="D1003_FlowReference" type="guid" use="required"/> <xs:attribute name="MessageCount" type="xs:int" use="optional"/> <xs:attribute name="XMLDocLength" type="xs:int" use="optional"/> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>					

	<pre> </xs:element> </xs:sequence> <xs:attribute name="D1005_SenderOrgID" use="required"/> </xs:complexType> </xs:element> </pre>
--	---

attribute **Handshakes/@D1005_SenderOrgID**

properties	use required
source	<pre><xs:attribute name="D1005_SenderOrgID" use="required"/></pre>

element **Handshakes/HandShake**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
properties	content complex					
attributes	Name	Type	Use	Default	Fixed	Annotation
	D1003_FlowReference	guid	required			
	MessageCount	xs:int	optional			
	XMLDocLength	xs:int	optional			
source	<pre> <xs:element name="HandShake"> <xs:complexType> <xs:attribute name="D1003_FlowReference" type="guid" use="required"/> <xs:attribute name="MessageCount" type="xs:int" use="optional"/> <xs:attribute name="XMLDocLength" type="xs:int" use="optional"/> </xs:complexType> </xs:element> </pre>					

attribute **Handshakes/HandShake/@D1003_FlowReference**

attribute Handshake/Handshake/@D1003_FlowReference				
type	guid			
properties	use required			
facets	Kind	Value	Annotation	
	pattern	[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}		
source	<xs:attribute name="D1003_FlowReference" type="guid" use="required"/>			

attribute **Handshakes/HandShake/@MessageCount**

type	xs:int
properties	use optional

source	<code><xs:attribute name="MessageCount" type="xs:int" use="optional"/></code>
--------	---

attribute **Handshakes/HandShake/@XMLDocLength**

type	xs:int
properties	use optional
source	<code><xs:attribute name="XMLDocLength" type="xs:int" use="optional"/></code>

element Messages

diagram	MessagesType - T001.0_NewSPIDRequests - T003.0_PartialRegistrationApplic... - T003.1_RegistrationApplications - T004.0_NewMeters - T004.2_LPMeterUpdates - T004.3_VirtualMeters - T005.0_SWMeterReads - T005.1_LPMeterReads - T006.0_LPWaterSPIDUpdates - T006.1_LPSewerageSPIDUpdates - T006.2_WaterSPIDUpdates - T006.3_SewerageSPIDUpdates - T006.6_ProvideLiveRateableValues - T007.0_WaterConnectionComple... - T007.1_SewerageConnectionCom... - T009.2_Notifications - T010.0_CancelRegistrationIncomi... - T010.1_CancelRegistrationOutgoi... - T012.0_MiscSPIDUpdates - T012.1_ServiceElementUpdates - T012.3_SewerageServiceElement... - T012.5_UpdateSAReferenceNu... - T012.7_UpdateLiveRateableValues - T012.10_SPIDVariableDataUpdates - T013.0_MeterUpdates - T013.2_UpdateMeterLocations - T014.0_ChargeableMeterUpdates - T015.0_SPIDStatusUpdates - T015.2_BackdatedSPIDStatusUpd... - T016.0_UnmeasureableDeclaratio... - T017.0_MeterSwaps - T021.0_NewDPIDs - T022.0_TEUpdates - T023.0_MeterAssociations - T024.0_MeterDisAssociations - T026.0_DiscontinueDPIDs - T027.0_DPIDUpdates - T028.1_Schedule3Updates - T029.1_SpecialArrangementsUpd... - T029.3_PremisesSpecialArrangem... - T032.0_CreateUpdateCustomerN... - T033.0_MeteredBuildings - T036.0_MeterNetworkAssociations constraints - unique UniqueMessageID - selector /* - field @MID
namespace	urn:bridgeall-com:cmaservice:data:v3
type	MessagesType

properties	content complex														
children	T001.0 NewSPIDRequests T003.0 PartialRegistrationApplications T003.1 RegistrationApplications T004.0 NewMeters T004.2 LPMeterUpdates T004.3 VirtualMeters T005.0 SWMeterReads T005.1 LPMeterReads T006.0 LPWaterSPIDUpdates T006.1 LPsewerageSPIDUpdates T006.2 WaterSPIDUpdates T006.3 SewerageSPIDUpdates T006.6 ProvideLiveRateableValues T007.0 WaterConnectionCompletes T007.1 SewerageConnectionCompletes T009.2 Notifications T010.0 CancelRegistrationIncomings T010.1 CancelRegistrationOutgoings T012.0 MiscSPIDUpdates T012.1 ServiceElementUpdates T012.3 SewerageServiceElementUpdates T012.5 UpdateSAAResponseNumberUPRN T012.7 UpdateLiveRateableValues T012.10 SPIDVariableDataUpdates T013.0 MeterUpdates T013.2 UpdateMeterLocations T014.0 ChargeableMeterUpdates T015.0 SPIDStatusUpdates T015.2 BackdatedSPIDStatusUpdates T016.0 UnmeasureableDeclarations T017.0 MeterSwaps T021.0 NewDPIDs T022.0 TEUpdates T023.0 MeterAssociations T024.0 MeterDisAssociations T026.0 DiscontinueDPIDs T027.0 DPIDUpdates T028.1 Schedule3Updates T029.1 SpecialArrangementsUpdates T029.3 PremisesSpecialArrangementsUpdates T032.0 CreateUpdateCustomerName T033.0 MeteredBuildings T036.0 MeterNetworkAssociations														
used by	element	Submission													
identity constraints	<table><tr><th>Name</th><th>Refer</th><th>Selector</th><th>Field(s)</th><th>Annotation</th></tr><tr><td>unique</td><td>UniqueMessageID</td><td>*/*</td><td>@MID</td><td></td></tr></table>	Name	Refer	Selector	Field(s)	Annotation	unique	UniqueMessageID	*/*	@MID					
Name	Refer	Selector	Field(s)	Annotation											
unique	UniqueMessageID	*/*	@MID												
source	<pre><xs:element name="Messages" type="MessagesType"> <xs:unique name="UniqueMessageID"> <xs:selector xpath="*/*"/> <xs:field xpath="@MID"/> </xs:unique> </xs:element></pre>														

element **RequestMessages**

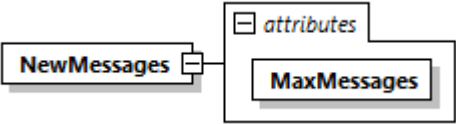
diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
properties	content complex					
children	NewMessages					
used by	element Document					
attributes	Name	Type	Use	Default	Fixed	Annotation
	D1005_SenderOrgID		required			
source	<pre><xs:element name="RequestMessages"> <xs:complexType> <xs:choice> <xs:element name="NewMessages"> <xs:complexType> <xs:attribute name="MaxMessages" type="xs:short" use="required"/> </xs:complexType> </xs:element> </xs:choice></pre>					

	<pre> <xs:attribute name="D1005_SenderOrgID" use="required"/> </xs:complexType> </xs:element> </pre>
--	--

attribute **RequestMessages/@D1005_SenderOrgID**

properties	use required
source	<pre> <xs:attribute name="D1005_SenderOrgID" use="required"/> </pre>

element **RequestMessages/NewMessages**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
properties	content complex					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MaxMessages	xs:short	required			
source	<pre> <xs:element name="NewMessages"> <xs:complexType> <xs:attribute name="MaxMessages" type="xs:short" use="required"/> </xs:complexType> </xs:element> </pre>					

attribute **RequestMessages/NewMessages/@MaxMessages**

type	xs:short
properties	use required
source	<pre> <xs:attribute name="MaxMessages" type="xs:short" use="required"/> </pre>

element **Response**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	ResponseHeader ResponseMessages
used by	element Document
source	<pre><xs:element name="Response"> <xs:complexType> <xs:sequence> <xs:element name="ResponseHeader"</pre>

	<pre> type="TransactionHeaderType"/> <xs:element ref="ResponseMessages" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **Response/ResponseHeader**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	TransactionHeaderType
properties	content complex
children	D1005_SenderOrgId D1006_RecipientOrgId D1007_TransactionTimestamp D1003_FlowReference
source	<pre><xs:element name="ResponseHeader" type="TransactionHeaderType"/></pre>

element ResponseMessages

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	ResponseMessagesType

properties	content complex					
children	T002.0 NewSPIDNotification T002.1 NewSPIDNotification T004.1 NewMeterNotification T005.2 MeterReadNotification T005.3 MeterReadNotification T006.4 WaterSPIDNotification T006.5 SewerageSPIDNotification T006.7 ProvideLiveRateableValueNotification T006.8 NotifySPIDDataNotification T007.2 ConnectionCompleteNotification T008.0 TerminationNotification T008.1 RegistrationConfirmation T008.2 NotifyRSD T009.0 Notification T009.1 Notification T009.4 Notification T011.0 CancelRegistrationNotificationIncoming T011.1 CancelRegistrationNotificationOutgoing T012.2 VacancyUpdateNotification T012.4 SewerageServiceElementUpdateNotification T012.6 UpdateSAAResponseNumberUPRNNNotification T012.8 UpdateLiveRateableValueNotification T012.9 NotifySPIDDataNotification T012.11 NotifySPIDVariableDataNotification T013.1 MeterUpdate T013.3 UpdateMeterLocationNotification T014.1 MeterUpdateNotification T015.1 SPIDStatusUpdateNotification T015.3 BackdatedSPIDStatusUpdateNotification T016.1 UnmeasureableNotification T017.1 MeterSwapNotification T019.0 WaterSPIDData T020.0 SewerageSPIDData T021.1 DPIDNotification T022.1 TEUpdateNotification T023.1 MeterAssociationNotification T024.1 MeterDisAssociationNotification T026.1 DiscontinueDPIDNotification T027.1 DPIDUpdateNotification T028.0 Schedule3UpdateNotification T029.0 SpecialArrangementsUpdateNotification T029.4 PremisesSpecialArrangementsUpdateNotification T030.0 DPMeterReadNotification T030.1 DPMeterReadNotification T032.1 CustomerNameUpdated T032.2 CustomerNameUpdatedNotification T033.1 MeteredBuildingUpdate T035.0 TradeabilityNotification T035.1 TradeabilityNotification T036.1 MeterNetworkAssociationNotification T036.2 MeterNetworkAssociationDeletionNotification					
used by	element	Response				
identity constraints	Name	Refer	Selector	Field(s)	Annotation	
	unique	UniqueResponseMessageID	*	@MID		
source	<pre><xs:element name="ResponseMessages" type="ResponseMessagesType"> <xs:unique name="UniqueResponseMessageID"> <xs:selector xpath="*/" /> <xs:field xpath="@MID" /> </xs:unique> </xs:element></pre>					

element **Submission**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	Header Messages
used by	element Document
source	<pre><xs:element name="Submission"> <xs:complexType> <xs:sequence> <xs:element name="Header" type="TransactionHeaderType"/> <xs:element ref="Messages"/> </xs:sequence> </xs:complexType></pre>

	</xs:element>
--	---------------

element **Submission/Header**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	TransactionHeaderType
properties	content complex
children	D1005_SenderOrgId D1006_RecipientOrgId D1007_TransactionTimestamp D1003_FlowReference
source	<xs:element name="Header" type="TransactionHeaderType"/>

group AddressGroup

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
children	D5002_SubBuildingName D5003_BuildingName D5004_BuildingNumber D5005_DependentThoroughfareName D5006_DependentThoroughfareDescriptor D5007_ThoroughfareName D5008_ThoroughfareDescriptor D5009_DoubleDependentLocality D5010_DependentLocality D5011_PostTown D5012_County D5013_Postcode
used by	complexTypes AddressType MeterAddress
source	<pre> <xs:group name="AddressGroup"> <xs:sequence> <xs:element name="D5002_SubBuildingName" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> <xs:whiteSpace value="preserve"/> <xs:pattern value="([^\t\n\r])*"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="D5003_BuildingName" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="50"/> <xs:whiteSpace value="preserve"/> <xs:pattern value="([^\t\n\r])*"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="D5004_BuildingNumber" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> </pre>

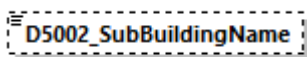
```

        <xs:maxLength value="4"/>
        <xs:pattern value="([\t\n\r])*"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="D5005_DependentThoroughfareName"
minOccurs="0">
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:maxLength value="60"/>
        <xs:pattern value="([\t\n\r])*"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="D5006_DependentThoroughfareDescriptor"
minOccurs="0">
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:maxLength value="20"/>
        <xs:pattern value="([\t\n\r])*"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="D5007_ThoroughfareName" minOccurs="0">
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:maxLength value="60"/>
        <xs:pattern value="([\t\n\r])*"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="D5008_ThoroughfareDescriptor"
minOccurs="0">
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:maxLength value="20"/>
        <xs:pattern value="([\t\n\r])*"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="D5009_DoubleDependentLocality"
minOccurs="0">
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:maxLength value="35"/>
        <xs:pattern value="([\t\n\r])*"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="D5010_DependentLocality" minOccurs="0">
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:maxLength value="35"/>
        <xs:pattern value="([\t\n\r])*"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="D5011_PostTown" minOccurs="0">

```

	<pre> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> <xs:pattern value="([^\t\n\r])*"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="D5012_County" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> <xs:pattern value="([^\t\n\r])*"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="D5013_Postcode" type="PostcodeType" minOccurs="0"/> </xs:sequence> </xs:group> </pre>
--	--

element **AddressGroup/D5002_SubBuildingName**

diagram													
namespace	urn:bridgeall-com:cmaservice:data:v3												
type	restriction of xs:string												
properties	<table><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	0	maxOcc	1	content	simple						
minOcc	0												
maxOcc	1												
content	simple												
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>maxLength</td><td>30</td><td></td></tr><tr><td>whiteSpace</td><td>preserve</td><td></td></tr><tr><td>pattern</td><td>[[^\t\n\r]]*</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	30		whiteSpace	preserve		pattern	[[^\t\n\r]]*	
Kind	Value	Annotation											
maxLength	30												
whiteSpace	preserve												
pattern	[[^\t\n\r]]*												
source	<pre><xs:element name="D5002_SubBuildingName" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> <xs:whiteSpace value="preserve"/> <xs:pattern value="([^\t\n\r])*"/> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **AddressGroup/D5003_BuildingName**

diagram			
namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:string		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation

	maxLength 50 whiteSpace preserve pattern ([^\\t\\n\\r])*
source	<pre><xs:element name="D5003_BuildingName" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="50"/> <xs:whiteSpace value="preserve"/> <xs:pattern value="([^\t\n\r])*"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **AddressGroup/D5004_BuildingNumber**

diagram										
namespace	urn:bridgeall-com:cmaservice:data:v3									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>maxLength</td><td>4</td><td></td></tr><tr><td>pattern</td><td colspan="2">([^\t\n\r])*</td></tr></table>	Kind	Value	Annotation	maxLength	4		pattern	([^\t\n\r])*	
Kind	Value	Annotation								
maxLength	4									
pattern	([^\t\n\r])*									
source	<pre><xs:element name="D5004_BuildingNumber" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="4"/> <xs:pattern value="([^\t\n\r])*"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **AddressGroup/D5005_DependentThoroughfareName**

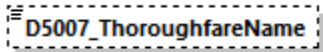
diagram										
namespace	urn:bridgeall-com:cmaservice:data:v3									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>maxLength</td><td>60</td><td></td></tr><tr><td>pattern</td><td colspan="2">([^\t\n\r])*</td></tr></table>	Kind	Value	Annotation	maxLength	60		pattern	([^\t\n\r])*	
Kind	Value	Annotation								
maxLength	60									
pattern	([^\t\n\r])*									
source	<pre><xs:element name="D5005_DependentThoroughfareName" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="60"/> <xs:pattern value="([^\t\n\r])*"/> </xs:restriction></pre>									

	<pre> </xs:simpleType> </xs:element> </pre>
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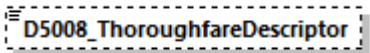
element **AddressGroup/D5006_DependentThoroughfareDescriptor**

diagram										
namespace	urn:bridgeall-com:cmaservice:data:v3									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>maxLength</td><td>20</td><td></td></tr><tr><td>pattern</td><td>[(^\\t\\n\\r)]*</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	20		pattern	[(^\\t\\n\\r)]*	
Kind	Value	Annotation								
maxLength	20									
pattern	[(^\\t\\n\\r)]*									
source	<pre><xs:element name="D5006_DependentThoroughfareDescriptor" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="20"/> <xs:pattern value="([^\t\n\r])*"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **AddressGroup/D5007_ThoroughfareName**

diagram										
namespace	urn:bridgeall-com:cmaservice:data:v3									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>maxLength</td><td>60</td><td></td></tr><tr><td>pattern</td><td>[(^\\t\\n\\r)]*</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	60		pattern	[(^\\t\\n\\r)]*	
Kind	Value	Annotation								
maxLength	60									
pattern	[(^\\t\\n\\r)]*									
source	<pre><xs:element name="D5007_ThoroughfareName" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="60"/> <xs:pattern value="([\\t\\n\\r])+"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **AddressGroup/D5008_ThoroughfareDescriptor**

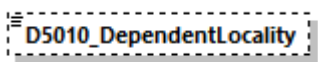
diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3

type	restriction of xs:string		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	maxLength	20	
	pattern	([^\t\n\r])*	
source	<pre><xs:element name="D5008_ThoroughfareDescriptor" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="20"/> <xs:pattern value="([^\t\n\r])*"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **AddressGroup/D5009_DoubleDependentLocality**

diagram										
namespace	urn:bridgeall-com:cmaservice:data:v3									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>maxLength</td><td>35</td><td></td></tr><tr><td>pattern</td><td colspan="2">([^\t\n\r])*</td></tr></table>	Kind	Value	Annotation	maxLength	35		pattern	([^\t\n\r])*	
Kind	Value	Annotation								
maxLength	35									
pattern	([^\t\n\r])*									
source	<pre><xs:element name="D5009_DoubleDependentLocality" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:pattern value="([^\t\n\r])*"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **AddressGroup/D5010_DependentLocality**

diagram										
namespace	urn:bridgeall-com:cmaservice:data:v3									
type	restriction of xs:string									
properties	<table><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table>	minOcc	0	maxOcc	1	content	simple			
minOcc	0									
maxOcc	1									
content	simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>maxLength</td><td>35</td><td></td></tr><tr><td>pattern</td><td colspan="2">([^\t\n\r])*</td></tr></table>	Kind	Value	Annotation	maxLength	35		pattern	([^\t\n\r])*	
Kind	Value	Annotation								
maxLength	35									
pattern	([^\t\n\r])*									
source	<pre><xs:element name="D5010_DependentLocality" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"></pre>									

	<pre> <xs:maxLength value="35"/> <xs:pattern value="([^\t\n\r])*"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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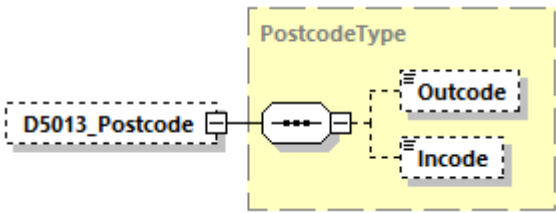
element **AddressGroup/D5011_PostTown**

diagram										
namespace	urn:bridgeall-com:cmaservice:data:v3									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>maxLength</td><td>30</td><td></td></tr><tr><td>pattern</td><td>[[^\t\n\r]]*</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	30		pattern	[[^\t\n\r]]*	
Kind	Value	Annotation								
maxLength	30									
pattern	[[^\t\n\r]]*									
source	<pre><xs:element name="D5011_PostTown" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> <xs:pattern value="([^\t\n\r])*"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

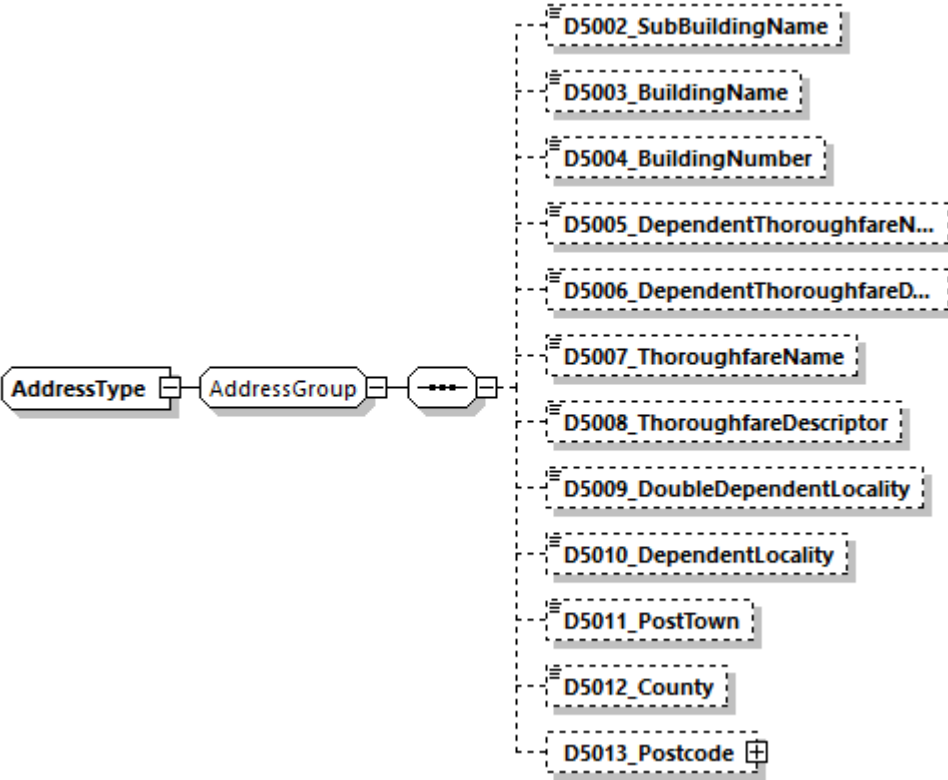
element **AddressGroup/D5012_County**

diagram										
namespace	urn:bridgeall-com:cmaservice:data:v3									
type	restriction of xs:string									
properties	minOcc0 maxOcc1 contentsimple									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>maxLength</td><td>30</td><td></td></tr><tr><td>pattern</td><td>([^\t\n\r])*</td><td></td></tr></table>	Kind	Value	Annotation	maxLength	30		pattern	([^\t\n\r])*	
Kind	Value	Annotation								
maxLength	30									
pattern	([^\t\n\r])*									
source	<pre><xs:element name="D5012_County" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> <xs:pattern value="([^\t\n\r])*"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **AddressGroup/D5013_Postcode**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	PostcodeType
properties	minOcc 0 maxOcc 1 content complex
children	Outcode Incode
source	<pre><xs:element name="D5013_Postcode" type="PostcodeType" minOccurs="0"/></pre>

complexType **AddressType**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
children	D5002_SubBuildingName D5003_BuildingName D5004_BuildingNumber D5005_DependentThoroughfareName D5006_DependentThoroughfareDescriptor D5007_ThoroughfareName D5008_ThoroughfareDescriptor D5009_DoubleDependentLocality D5010_DependentLocality D5011_PostTown D5012_County D5013_Postcode
used by	elements NewSPIDNotificationType/Address NewLPSPIDNotificationType/Address T012.0_MiscSPIDUpdateType/Address T012.9_NotifySPIDData/Address WaterSPIDData/Address SewerageSPIDData/Address

	DPIDNotificationType/Address DPIDUpdateType/Address NewSPIDRequestType/SPIDLocation
source	<pre><xs:complexType name="AddressType"> <xs:group ref="AddressGroup"/> </xs:complexType></pre>

complexType **BackdatedSPIDStatusUpdateNotificationType**

diagram	BackdatedSPIDStatusUpdateNotif... MessageBody (extension) attributes MID RelatedMID D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D2025_SPIDStatus D3001_MeterId Meter Identification (e.g. manufacturers serial number) D3008_MeterRead Register read from a meter D3021_Rollover_Flag The flag indicates whether the meter read was a rollover or not D2047_LPRejectionIndicator Identifies whether SW has failed to obtain the agreement of the relevant LP for a back-dated De-reg/PDISC for a SPID and associated meter read deletions. D4006_EffectiveFrom Details the date any data may be effective from
namespace	urn:bridgeall-com:cmaservice:data:v3
type	extension of MessageBody
properties	base MessageBody
children	D2001 SPID D2025 SPIDStatus D3001 MeterId D3008 MeterRead D3021 Rollover Flag D2047 LPRejectionIndicator D4006 EffectiveFrom
used by	element ResponseMessagesType/T015.3 BackdatedSPIDStatusUpdateNotification

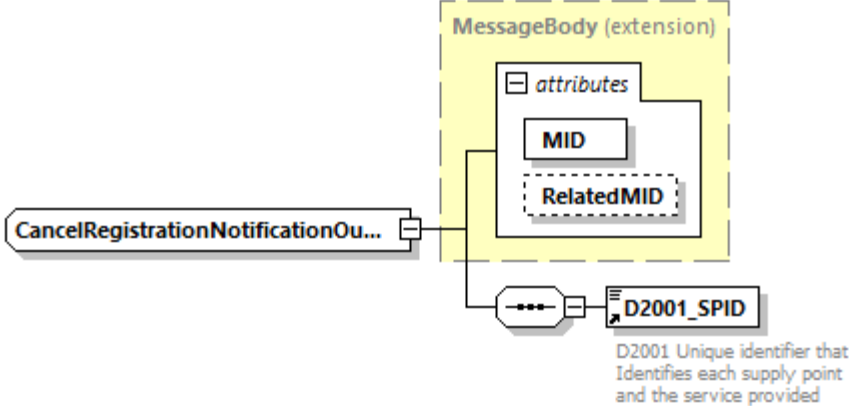
attributes	Name MID RelatedMID	Type MessageType MessageType	Use required optional	Default	Fixed	Annotation
annotation	documentation					
source	<pre> <xs:complexType name="BackdatedSPIDStatusUpdateNotificationType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2025_SPIDStatus"/> <xs:element ref="D3001_MeterId"/> <xs:element ref="D3008_MeterRead"/> <xs:element ref="D3021_Rollover_Flag"/> <xs:element ref="D2047_LPRejectionIndicator"/> <xs:element ref="D4006_EffectiveFrom"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

complexType **BackdatedSPIDStatusUpdateType**

diagram	MessageBody (extension) attributes MID (required) RelatedMID (optional) BackdatedSPIDStatusUpdateType D2001_SPID (required): D2001 Unique identifier that Identifies each supply point and the service provided D2025_SPIDStatus (required) D3001_MeterId (required): Meter Identification (e.g. manufacturers serial number) D3008_MeterRead (required): Register read from a meter D3020_Rollover_Indicator (optional): Sets a flag to signify if the read being sent in has rolled over D2047_LPRejectionIndicator (required): Identifies whether SW has failed to obtain the agreement of the relevant LP for a back-dated De-reg/PDISC for a SPID and associated meter read deletions. D4006_EffectiveFrom (required): Details the date any data may be effective from					
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001 SPID D2025 SPIDStatus D3001 MeterId D3008 MeterRead D3020 Rollover Indicator D2047 LPRejectionIndicator D4006 EffectiveFrom					
used by	element	MessagesType/T015.2 BackdatedSPIDStatusUpdates/T015.2 BackdatedSPIDStatus Update				
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre><xs:complexType name="BackdatedSPIDStatusUpdateType"> <xs:annotation></pre>					

	<pre> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2025_SPIDStatus"/> <xs:element ref="D3001_MeterId"/> <xs:element ref="D3008_MeterRead"/> <xs:element ref="D3020_Rollover_Indicator" minOccurs="0"/> <xs:element ref="D2047_LPRejectionIndicator"/> <xs:element ref="D4006_EffectiveFrom"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>
--	--

complexType **CancelRegistrationNotificationOutType**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001 SPID					
used by	element ResponseMessagesType/T011.1 CancelRegistrationNotificationOutgoing					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre> <xs:complexType name="CancelRegistrationNotificationOutType"> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

complexType **CancelRegistrationNotificationType**

diagram	The diagram illustrates the structure of CancelRegistrationNotificationType. It is an extension of MessageBody. The MessageBody extension is highlighted in yellow and contains an attributes container with MID (required) and RelatedMID (optional). The main body of CancelRegistrationNotificationType contains a sequence of three elements: D2001_SPID (required), D4003_Comment (optional), and D4005_CancellationCode (optional). Each element has a description: D2001_SPID is a unique identifier for supply points and services; D4003_Comment is a generic text field for transaction-related comments; D4005_CancellationCode is used by the LP to specify the cancellation reason.					
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D4003_Comment D4005_CancellationCode					
used by	element ResponseMessagesType/T011.0 CancelRegistrationNotificationIncoming					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre> <xs:complexType name="CancelRegistrationNotificationType"> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D4003_Comment" minOccurs="0"/> <xs:element ref="D4005_CancellationCode" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

complexType **CancelRegistrationOutType**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of CancelRegistrationType					
properties	base CancelRegistrationType					
children	D2001_SPID D4005_CancellationCode D4003_Comment D2051_CustomerContactIdentifier					
used by	element	MessagesType/T010.1 CancelRegistrationOutgoings/T010.1 CancelRegistrationOutgoing				
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre> <xs:complexType name="CancelRegistrationOutType"> <xs:complexContent> <xs:extension base="CancelRegistrationType"> <xs:sequence> <xs:element ref="D4003_Comment"/> <xs:element ref="D2051_CustomerContactIdentifier"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

complexType **CancelRegistrationType**

diagram	The diagram illustrates the structure of the CancelRegistrationType complex type. It is an extension of the MessageBody type. The MessageBody (extension) contains an attributes container with two elements: MID (required) and RelatedMID (optional). The CancelRegistrationType contains a sequence of two elements: D2001_SPID (required) and D4005_CancellationCode (optional). The D2001_SPID element is described as "D2001 Unique identifier that Identifies each supply point and the service provided". The D4005_CancellationCode element is described as "Used by LP to specify cancellation reason".					
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D4005_CancellationCode					
used by	element	MessagesType/T010.0 CancelRegistrationIncomings/T010.0 CancelRegistrationIncoming				
	complexType	CancelRegistrationOutType				
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:complexType name="CancelRegistrationType"> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D4005_CancellationCode"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre>					

complexType **ChargeableMeterUpdateType**

diagram	ChargeableMeterUpdateType MessageBody (extension) attributes MID (required) RelatedMID (optional) D2001_SPID (required): D2001 Unique identifier that Identifies each supply point and the service provided D3001_MeterId (required): Meter Identification (e.g. manufacturers serial number) D3002_ChargeableMeterSize (optional): Meter size for tariff charge calculation purposes (mm) D3005_SewerageChargeableMeterSize (optional): The chargeable size for the Related Water Supply Meter for calculations of Sewerage tariff D4003_Comment (optional): Generic text field for (short) comments and notes related to the transaction D3007_ReturnToSewerAllowance (optional): Return to sewer allowance for a particular meter D4006_EffectiveFrom (optional): Details the date any data may be effective from					
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D3001_MeterId D3002_ChargeableMeterSize D3005_SewerageChargeableMeterSize D4003_Comment D3007_ReturnToSewerAllowance D4006_EffectiveFrom					
used by	elements MessagesType/T014.0 ChargeableMeterUpdates/T014.0 ChargeableMeterUpdateResponseMessagesType/T014.1 MeterUpdateNotification					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre><xs:complexType name="ChargeableMeterUpdateType"> <xs:annotation></pre>					

	<pre> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D3001_MeterId"/> <xs:element ref="D3002_ChargeableMeterSize" minOccurs="0"/> <xs:element ref="D3005_SewerageChargeableMeterSize" minOccurs="0"/> <xs:element ref="D4003_Comment"/> <xs:element ref="D3007_ReturnToSewerAllowance" minOccurs="0"/> <xs:element ref="D4006_EffectiveFrom"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>
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complexType **ConnectionCompleteType**

diagram	The diagram illustrates the structure of the ConnectionCompleteType complex type. It is an extension of the MessageBody type. The MessageBody extension contains an attributes container with two elements: MID (required) and RelatedMID (optional). The ConnectionCompleteType itself contains two elements: D2001_SPID (required) and D2013_ConnectionDate (optional). The D2001_SPID element is described as 'D2001 Unique identifier that Identifies each supply point and the service provided'. The D2013_ConnectionDate element is described as 'Date the connection was completed'.					
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D2013_ConnectionDate					
used by	elements	MessagesType/T007.1 SewerageConnectionCompletes/T007.1 SewerageConnectionComplete ResponseMessagesType/T007.2 ConnectionCompleteNotification				
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					

source	<pre> <xs:complexType name="ConnectionCompleteType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2013_ConnectionDate"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>
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complexType CustomerNameUpdatedNotificationType

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D2027_CustomerName D2028_CustomerNameType D4001_OrgId					
used by	element ResponseMessagesType/T032.2_CustomerNameUpdatedNotification					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					

n	
source	<pre> <xs:complexType name="CustomerNameUpdatedNotificationType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2027_CustomerName"/> <xs:element ref="D2028_CustomerNameType"/> <xs:element ref="D4001_OrgId"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>

complexType **DiscontinueDPIDType**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D6001_DPID D4006_EffectiveFrom					
used by	elements MessagesType/T026.0 DiscontinueDPIDs/T026.0 DiscontinueDPID ResponseMessagesType/T026.1 DiscontinueDPIDNotification					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageldType	required			
	RelatedMID	MessageldType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="DiscontinueDPIDType"> </pre>					

	<pre><xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D6001_DPID"/> <xs:element ref="D4006_EffectiveFrom"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre>
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complexType DPIDNotificationType

diagram	MessageBody (extension) attributes MID RelatedMID DPIDNotificationType D2001_SPID: D2001 Unique identifier that Identifies each supply point and the service provided D6001_DPID: Discharge Point ID D4006_EffectiveFrom: Details the date any data may be effective from D6003_CDV: TE Availability data: Chargeable Daily Volume m3 D6004_sBODL: TE Availability data: Chargeable Settled Biochemical Oxygen Demand load (kg/day) D6005_TSSL: TE Availability data: Chargeable Total Suspended Solids load (kg/day) D6006_Ot: TE Operating Data: Fixed Strength Chemical Oxygen Demand D6007_St: TE Operating Data: Fixed Strength Solids Demand D6009_Non-domesticAllowance: Annual volume associated with the foul sewerage for the Discharge Point (m3) D6010_SDIndicator: Seasonal Discharge Tariff Indicator - set as True to apply higher seasonal tariff Address D6002_TeYVe: Trade Effluent Estimated Yearly Volume for a Discharge Point D6011_TETreatment: TETreatment indicator D6012_PcentAllowance: DPID Percentage Allowance D6013_FixedAllowance: DPID Fixed Allowance
namespace	urn:bridgeall-com:cmaservice:data:v3
type	extension of MessageBody

properties	base MessageBody					
children	D2001_SPID D6001_DPID D4006_EffectiveFrom D6003_CDV D6004_sBODL D6005_TSSL D6006_Ot D6007_St D6009_Non-domesticAllowance D6010_SDTIndicator Address D6002_TeYVe D6011_TETreatment D6012_PcentAllowance D6013_FixedAllowance					
used by	elements	MessagesType/T021.0_NewDPIDs/T021.0_NewDPID ResponseMessagesType/T021.1_DPIDNotification				
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="DPIDNotificationType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D6001_DPID"/> <xs:element ref="D4006_EffectiveFrom"/> <xs:element ref="D6003_CDV"/> <xs:element ref="D6004_sBODL"/> <xs:element ref="D6005_TSSL"/> <xs:element ref="D6006_Ot"/> <xs:element ref="D6007_St"/> <xs:element ref="D6009_Non-domesticAllowance"/> <xs:element ref="D6010_SDTIndicator"/> <xs:element name="Address" type="AddressType"/> <xs:element ref="D6002_TeYVe" minOccurs="0"/> <xs:element ref="D6011_TETreatment"/> <xs:element ref="D6012_PcentAllowance"/> <xs:element ref="D6013_FixedAllowance"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

element **DPIDNotificationType/Address**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	AddressType
properties	content complex
children	D5002_SubBuildingName D5003_BuildingName D5004_BuildingNumber D5005_DependentThoroughfareName D5006_DependentThoroughfareDescriptor D5007_ThoroughfareName D5008_ThoroughfareDescriptor D5009_DoubleDependentLocality D5010_DependentLocality D5011_PostTown D5012_County D5013_Postcode
source	<xs:element name="Address" type="AddressType"/>

complexType DPIDUpdateType

diagram	MessageBody (extension) attributes MID RelatedMID DPIDUpdateType D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D6001_DPID Discharge Point ID D4006_EffectiveFrom Details the date any data may be effective from D6003_CDV TE Availability data: Chargeable Daily Volume m3 D6004_sBODL TE Availability data: Chargeable Settled Biochemical Oxygen Demand load (kg/day) D6005_TSSL TE Availability data: Chargeable Total Suspended Solids load (kg/day) D6009_Non-domesticAllowance Annual volume associated with the foul sewerage for the Discharge Point (m3) D6010_SDIndicator Seasonal Discharge Tariff Indicator - set as True to apply higher seasonal tariff D6002_TYVe Trade Effluent Estimated Yearly Volume for a Discharge Point Address D4003_Comment Generic text field for (short) comments and notes related to the transaction D6012_PcentAllowance DPID Percentage Allowance D6013_FixedAllowance DPID Fixed Allowance
namespace	urn:bridgeall-com:cmaservice:data:v3
type	extension of MessageBody

properties	base MessageBody					
children	D2001_SPID D6001_DPID D4006_EffectiveFrom D6003_CDV D6004_sBODL D6005_TSSL D6009_Non-domesticAllowance D6010_SDTIndicator D6002_TYVVe Address D4003_Comment D6012_PcentAllowance D6013_FixedAllowance					
used by	elements MessagesType/T027.0_DPIDUpdates/T027.0_DPIDUpdateResponseMessagesType/T027.1_DPIDUpdateNotification					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="DPIDUpdateType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D6001_DPID"/> <xs:element ref="D4006_EffectiveFrom"/> <xs:element ref="D6003_CDV" minOccurs="0"/> <xs:element ref="D6004_sBODL" minOccurs="0"/> <xs:element ref="D6005_TSSL" minOccurs="0"/> <xs:element ref="D6009_Non-domesticAllowance" minOccurs="0"/> <xs:element ref="D6010_SDTIndicator" minOccurs="0"/> <xs:element ref="D6002_TYVVe" minOccurs="0"/> <xs:element name="Address" type="AddressType" minOccurs="0"/> <xs:element ref="D4003_Comment"/> <xs:element ref="D6012_PcentAllowance" minOccurs="0"/> <xs:element ref="D6013_FixedAllowance" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

element **DPIDUpdateType/Address**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	AddressType
properties	minOcc 0 maxOcc 1 content complex
children	D5002_SubBuildingName D5003_BuildingName D5004_BuildingNumber D5005_DependentThoroughfareName D5006_DependentThoroughfareDescriptor D5007_ThoroughfareName D5008_ThoroughfareDescriptor D5009_DoubleDependentLocality D5010_DependentLocality D5011_PostTown D5012_County D5013_Postcode
source	<code><xs:element name="Address" type="AddressType" minOccurs="0"/></code>

complexType **DPMeterReadType**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D6001_DPID D3001_MeterId D3008_MeterRead D3009_MeterReadDate D3010_MeterReadType D3012_ReRead D3021_Rollover_Flag					
used by	elements ResponseMessagesType/T030.0 DPMeterReadNotification ResponseMessagesType/T030.1 DPMeterReadNotification					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre><xs:complexType name="DPMeterReadType"> <xs:annotation></pre>					

	<pre> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID" minOccurs="0"/> <xs:element ref="D6001_DPID"/> <xs:element ref="D3001_MeterId"/> <xs:element ref="D3008_MeterRead"/> <xs:element ref="D3009_MeterReadDate"/> <xs:element ref="D3010_MeterReadType"/> <xs:element ref="D3012_ReRead"/> <xs:element ref="D3021_Rollover_Flag"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>
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complexType **LPMeterReadType**

diagram	MessageBody (extension) attributes MID RelatedMID LPMeterReadType D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D3001_MeterId Meter Identification (e.g. manufacturers serial number) D3008_MeterRead Register read from a meter D3009_MeterReadDate Date meter was read D3010_MeterReadType The type of meter reading (e.g. opening, closing, cyclic) D3028_SReadReasonCode Reason code for the S read D3029_SReadRemedialWorkIndica... The flag indicates whether, or not, the Incoming LP has initiated remedial work to remove the reason for the S read to be required D3012_ReRead Flag to indicate if this read is a re-read D3020_Rollover_Indicator Sets a flag to signify if the read being sent in has rolled over					
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D3001_MeterId D3008_MeterRead D3009_MeterReadDate D3010_MeterReadType D3028_SReadReasonCode D3029_SReadRemedialWorkIndicator D3012_ReRead D3020_Rollover_Indicator					
used by	element MessagesType/T005.1 LPMeterReads/T005.1 LPMeterRead					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			

annotation	documentation
source	<pre> <xs:complexType name="LPMeterReadType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D3001_MeterId"/> <xs:element ref="D3008_MeterRead"/> <xs:element ref="D3009_MeterReadDate"/> <xs:element ref="D3010_MeterReadType"/> <xs:element ref="D3028_SReadReasonCode" minOccurs="0"/> <xs:element ref="D3029_SReadRemedialWorkIndicator" minOccurs="0"/> <xs:element ref="D3012_ReRead" minOccurs="0"/> <xs:element ref="D3020_Rollover_Indicator" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>

complexType **LPMeterUpdateType**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	extension of MessageBody
properties	base MessageBody
children	D2001_SPID D3001_MeterId D2010_YVe

used by	element MessagesType/T004.2 LPMeterUpdates/T004.2 LPMeterUpdate					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageldType	required			
	RelatedMID	MessageldType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="LPMeterUpdateType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D3001_MeterId"/> <xs:element ref="D2010_YVe"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

complexType **MessageBody**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
properties	abstract true					
used by	complexTypes	BackdatedSPIDStatusUpdateNotificationType BackdatedSPIDStatusUpdateType CancelRegistrationNotificationOutType CancelRegistrationNotificationType CancelRegistrationType ChargeableMeterUpdateType ConnectionCompleteType CustomerNameUpdatedNotificationType DiscontinueDPIDType DPIDNotificationType DPIDUpdateType DPMeterReadType LPMeterReadType LPMeterUpdateType MeterAssociationType MeterDisAssociationType MeterNetworkAssociationDeletionType MeterNetworkAssociationType MeterReadNotificationType MeterReadType MeterSwapNotificationType MeterSwapType MeterUpdateNotificationType MeterUpdateType NewLPSPIDNotificationType NewSPIDNotificationType NewSPIDRequestType NotificationType NotifyRSDType PartialRegistrationApplicationType PremisesSpecialArrangementsUpdateNotificationType PremisesSpecialArrangementsUpdateType RegistrationStartType Schedule3UpdateType ServiceElementUpdateNotificationType SewerageServiceElementUpdateNotificationType SewerageSPIDDataType SpecialArrangementsUpdateNotificationType SpecialArrangementsUpdateType SPIDStatusUpdateType T003.1 RegistrationApplicationType T004.0 NewMeterType T004.1 NewMeterNotificationType T004.3 VirtualMeterType T006.0 LPWaterSPIDUpdateType T006.1 LPSewerageSPIDUpdateType T006.2 WaterSPIDUpdateType T006.3 SewerageSPIDUpdateType				

	T006.4 WaterSPIDNotificationType T006.5 SewerageSPIDNotificationType T006.6 ProvideLiveRateableValueType T006.7 ProvideLiveRateableValueNotificationType T006.8 NotifySPIDDataType T007.0 WaterConnectionCompleteType T009.4 NotificationType T012.0 MiscSPIDUpdateType T012.10 SPIDVariableDataUpdateType T012.11 NotifySPIDVariableDataType T012.1 ServiceElementUpdateType T012.3 SewerageServiceElementUpdateType T012.7 UpdateLiveRateableValueType T012.8 UpdateLiveRateableValueNotificationType T012.9 NotifySPIDDataType T016.0 UnmeasureableDeclarationType T032.0 CreateUpdateCustomerNameType T032.1 CustomerNameUpdatedType T033.0 MeteredBuilding T033.1 MeteredBuildingUpdate T035.0 TradeabilityNotification T035.1 TradeabilityNotification TerminationNotificationType TEUpdateType UpdateMeterLocationNotificationType UpdateMeterLocationType UpdateSAReferenceNumberUPRNNotificationType UpdateSAReferenceNumberUPRNTType WaterSPIDDataType					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:complexType name="MessageBody" abstract="true"> <xs:attribute name="MID" type="MessageIdType" use="required"/> <xs:attribute name="RelatedMID" type="MessageIdType" use="optional"/> </xs:complexType></pre>					

attribute **MessageBody/@MID**

type	MessageIdType		
properties	use required		
facets	Kind	Value	Annotation
	minLength	16	
	maxLength	16	
	pattern	([a-z] [A-Z] [0-9])*	
source	<xs:attribute name="MID" type="MessageIdType" use="required"/>		

attribute **MessageBody/@RelatedMID**

type	MessageIdType		
properties	use optional		
facets	Kind	Value	Annotation
	minLength	16	
	maxLength	16	
	pattern	([a-z] [A-Z] [0-9])*	
source	<xs:attribute name="RelatedMID" type="MessageIdType" use="optional"/>		

complexType MessagesType

diagram	The diagram illustrates the structure of the MessagesType complex type. It is a container for a list of message elements. A central box labeled 'MessagesType' is connected to a large vertical list of message elements. Each element is represented by a box with its name and a small icon indicating its type (e.g., sequence, choice, or simple content). The elements are listed as follows: - T001.0_NewSPIDRequests - T003.0_PartialRegistrationApplic... - T003.1_RegistrationApplications - T004.0_NewMeters - T004.2_LPMeterUpdates - T004.3_VirtualMeters - T005.0_SWMeterReads - T005.1_LPMeterReads - T006.0_LPWaterSPIDUpdates - T006.1_LPSewerageSPIDUpdates - T006.2_WaterSPIDUpdates - T006.3_SewerageSPIDUpdates - T006.6_ProvideLiveRateableValues - T007.0_WaterConnectionComple... - T007.1_SewerageConnectionCom... - T009.2_Notifications - T010.0_CancelRegistrationIncomi... - T010.1_CancelRegistrationOutgoi... - T012.0_MiscSPIDUpdates - T012.1_ServiceElementUpdates - T012.3_SewerageServiceElement... - T012.5_UpdateSAReferenceNu... - T012.7_UpdateLiveRateableValues - T012.10_SPIDVariableDataUpdates - T013.0_MeterUpdates - T013.2_UpdateMeterLocations - T014.0_ChargeableMeterUpdates - T015.0_SPIDStatusUpdates - T015.2_BackdatedSPIDStatusUpd... - T016.0_UnmeasureableDeclaratio... - T017.0_MeterSwaps - T021.0_NewDPIDs - T022.0_TEUpdates - T023.0_MeterAssociations - T024.0_MeterDisAssociations - T026.0_DiscontinueDPIDs - T027.0_DPIDUpdates - T028.1_Schedule3Updates - T029.1_SpecialArrangementsUpd... - T029.3_PremisesSpecialArrangem... - T032.0_CreateUpdateCustomerN... - T033.0_MeteredBuildings - T036.0_MeterNetworkAssociations
namespace	urn:bridgeall-com:cmaservice:data:v3
children	T001.0_NewSPIDRequests T003.0_PartialRegistrationApplications

	T003.1 RegistrationApplications T004.0 NewMeters T004.2 LPMeterUpdates T004.3 VirtualMeters T005.0 SWMeterReads T005.1 LPMeterReads T006.0 LPWaterSPIDUpdates T006.1 LPsewerageSPIDUpdates T006.2 WaterSPIDUpdates T006.3 SewerageSPIDUpdates T006.6 ProvideLiveRateableValues T007.0 WaterConnectionCompletes T007.1 SewerageConnectionCompletes T009.2 Notifications T010.0 CancelRegistrationIncomings T010.1 CancelRegistrationOutgoings T012.0 MiscSPIDUpdates T012.1 ServiceElementUpdates T012.3 SewerageServiceElementUpdates T012.5 UpdateSAAResourceNumberUPRNs T012.7 UpdateLiveRateableValues T012.10 SPIDVariableDataUpdates T013.0 MeterUpdates T013.2 UpdateMeterLocations T014.0 ChargeableMeterUpdates T015.0 SPIDStatusUpdates T015.2 BackdatedSPIDStatusUpdates T016.0 UnmeasurableDeclarations T017.0 MeterSwaps T021.0 NewDPIDs T022.0 TEUpdates T023.0 MeterAssociations T024.0 MeterDisAssociations T026.0 DiscontinueDPIDs T027.0 DPIDUpdates T028.1 Schedule3Updates T029.1 SpecialArrangementsUpdates T029.3 PremisesSpecialArrangementsUpdates T032.0 CreateUpdateCustomerName T033.0 MeteredBuildings T036.0 MeterNetworkAssociations
used by	element Messages
source	<pre> <xs:complexType name="MessagesType"> <xs:choice> <xs:element name="T001.0_NewSPIDRequests"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T001.0_NewSPIDRequest" type="NewSPIDRequestType"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="T003.0_PartialRegistrationApplications"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T003.0_PartialRegistrationApplication" type="PartialRegistrationApplicationType"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="T003.1_RegistrationApplications"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T003.1_RegistrationApplication" type="T003.1_RegistrationApplicationType"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="T004.0_NewMeters"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T004.0_NewMeter" type="T004.0_NewMeterType"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="T004.2_LPMeterUpdates"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T004.2_LPMeterUpdate" type="LPMeterUpdateType"/> </xs:sequence> </xs:complexType> </xs:element> </xs:choice> </xs:complexType> </pre>

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        </xs:complexType>
    </xs:element>
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type="T004.3_VirtualMeterType"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="T005.0_SWMeterReads">
        <xs:complexType>
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type="MeterReadType"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="T005.1_LPMeterReads">
        <xs:complexType>
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type="LPMeterReadType"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="T006.0_LPWaterSPIDUpdates">
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type="T006.0_LPWaterSPIDUpdateType"/>
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    </xs:element>
    <xs:element name="T006.1_LPSewerageSPIDUpdates">
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type="T006.1_LPSewerageSPIDUpdateType"/>
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    </xs:element>
    <xs:element name="T006.2_WaterSPIDUpdates">
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                <xs:element name="T006.2_WaterSPIDUpdate"
type="T006.2_WaterSPIDUpdateType"/>
            </xs:sequence>
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    <xs:element name="T006.3_SewerageSPIDUpdates">
        <xs:complexType>
            <xs:sequence maxOccurs="unbounded">
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type="T006.3_SewerageSPIDUpdateType"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

```

	<pre> <xs:element name="T006.6_ProvideLiveRateableValues"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T006.6_ProvideLiveRateableValue" type="T006.6_ProvideLiveRateableValueType"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="T007.0_WaterConnectionCompletes"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T007.0_WaterConnectionComplete" type="T007.0_WaterConnectionCompleteType"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="T007.1_SewerageConnectionCompletes"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T007.1_SewerageConnectionComplete" type="ConnectionCompleteType"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="T009.2_Notifications"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T009.2_Notification" type="NotificationType"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="T010.0_CancelRegistrationIncomings"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T010.0_CancelRegistrationIncoming" type="CancelRegistrationType"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="T010.1_CancelRegistrationOutgoings"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T010.1_CancelRegistrationOutgoing" type="CancelRegistrationOutType"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="T012.0_MiscSPIDUpdates"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T012.0_MiscSPIDUpdate" type="T012.0_MiscSPIDUpdateType"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="T012.1_ServiceElementUpdates"> <xs:complexType> </pre>
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        <xs:sequence maxOccurs="unbounded">
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type="T012.1_ServiceElementUpdateType"/>
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type="T012.3_SewerageServiceElementUpdateType"/>
        </xs:sequence>
    </xs:complexType>
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type="UpdateSAAReferenceNumberUPRNTYPE"/>
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<xs:element name="T012.7_UpdateLiveRateableValues">
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type="T012.7_UpdateLiveRateableValueType"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
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type="T012.10_SPIDVariableDataUpdateType"/>
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type="MeterUpdateType"/>
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    </xs:complexType>
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    <xs:complexType>
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type="UpdateMeterLocationType"/>
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    </xs:complexType>
</xs:element>
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    <xs:complexType>
        <xs:sequence maxOccurs="unbounded">
            <xs:element name="T014.0_ChargeableMeterUpdate"

```

```

type="ChargeableMeterUpdateType"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="T015.0_SPIDStatusUpdates">
  <xs:complexType>
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type="SPIDStatusUpdateType"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="T015.2_BackdatedSPIDStatusUpdates">
  <xs:complexType>
    <xs:sequence maxOccurs="unbounded">
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type="BackdatedSPIDStatusUpdateType"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="T016.0_UnmeasureableDeclarations">
  <xs:complexType>
    <xs:sequence maxOccurs="unbounded">
      <xs:element name="T016.0_UnmeasureableDeclaration"
type="T016.0_UnmeasureableDeclarationType"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="T017.0_MeterSwaps">
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type="MeterSwapType"/>
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type="DPIDNotificationType"/>
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</xs:element>
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  <xs:complexType>
    <xs:sequence maxOccurs="unbounded">
      <xs:element name="T022.0_TEUpdate"
type="TEUpdateType"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="T023.0_MeterAssociations">
  <xs:complexType>
    <xs:sequence maxOccurs="unbounded">
      <xs:element name="T023.0_MeterAssociation"
type="MeterAssociationType"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        </xs:complexType>
    </xs:element>
    <xs:element name="T024.0_MeterDisAssociations">
        <xs:complexType>
            <xs:sequence maxOccurs="unbounded">
                <xs:element name="T024.0_MeterDisAssociation"
type="MeterDisAssociationType"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="T026.0_DiscontinueDPIDs">
        <xs:complexType>
            <xs:sequence maxOccurs="unbounded">
                <xs:element name="T026.0_DiscontinueDPID"
type="DiscontinueDPIDType"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="T027.0_DPIDUpdates">
        <xs:complexType>
            <xs:sequence maxOccurs="unbounded">
                <xs:element name="T027.0_DPIDUpdate"
type="DPIDUpdateType"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="T028.1_Schedule3Updates">
        <xs:complexType>
            <xs:sequence maxOccurs="unbounded">
                <xs:element name="T028.1_Schedule3Update"
type="Schedule3UpdateType"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="T029.1_SpecialArrangementsUpdates">
        <xs:complexType>
            <xs:sequence maxOccurs="unbounded">
                <xs:element name="T029.1_SpecialArrangementsUpdate"
type="SpecialArrangementsUpdateType"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element
name="T029.3_PremisesSpecialArrangementsUpdates">
        <xs:complexType>
            <xs:sequence maxOccurs="unbounded">
                <xs:element
name="T029.3_PremisesSpecialArrangementsUpdate"
type="PremisesSpecialArrangementsUpdateType"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="T032.0_CreateUpdateCustomerName">
        <xs:complexType>
            <xs:sequence maxOccurs="unbounded">
                <xs:element name="T032.0_CreateUpdateCustomerName"
type="T032.0_CreateUpdateCustomerNameType"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

```

	<pre> </xs:complexType> </xs:element> <xs:element name="T033.0_MeteredBuildings"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T033.0_MeteredBuilding" type="T033.0_MeteredBuilding"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="T036.0_MeterNetworkAssociations"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T036.0_MeterNetworkAssociation" type="MeterNetworkAssociationType"/> </xs:sequence> </xs:complexType> </xs:element> </xs:choice> </xs:complexType> </pre>
--	--

element **MessagesType/T001.0_NewSPIDRequests**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T001.0_NewSPIDRequest
source	<pre> <xs:element name="T001.0_NewSPIDRequests"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T001.0_NewSPIDRequest" type="NewSPIDRequestType"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

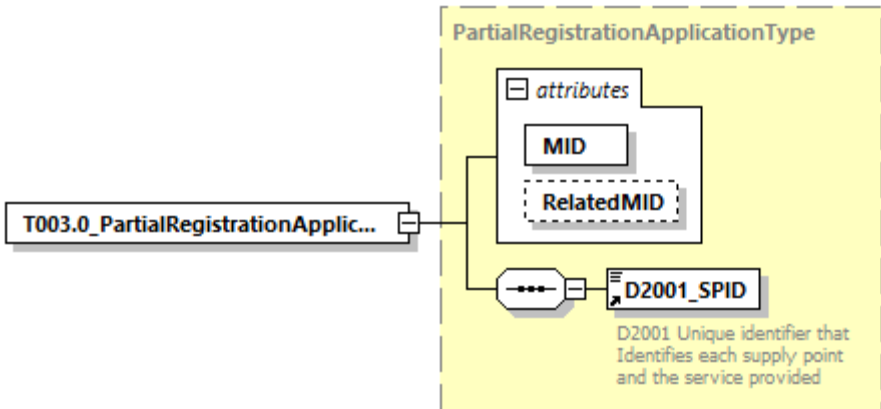
element **MessagesType/T001.0_NewSPIDRequests/T001.0_NewSPIDRequest**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	NewSPIDRequestType					
properties	content complex					
children	D2001_SPID D2009_SWConnectionRef D2043_LPConnectionRef D4001_OrgId D2002_ServiceCategory SPIDLocation D2023_NewConnectionType UARNDData UPRNDData					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T001.0_NewSPIDRequest" type="NewSPIDRequestType"/></pre>					

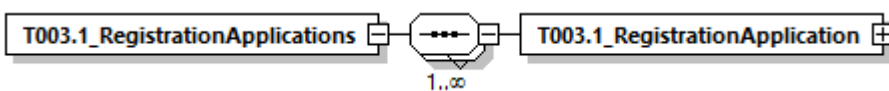
element **MessageType/T003.0_PartialRegistrationApplications**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T003.0_PartialRegistrationApplication
source	<pre> <xs:element name="T003.0_PartialRegistrationApplications"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T003.0_PartialRegistrationApplication" type="PartialRegistrationApplicationType"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **MessageType/T003.0_PartialRegistrationApplications/T003.0_PartialRegistrationApplication**

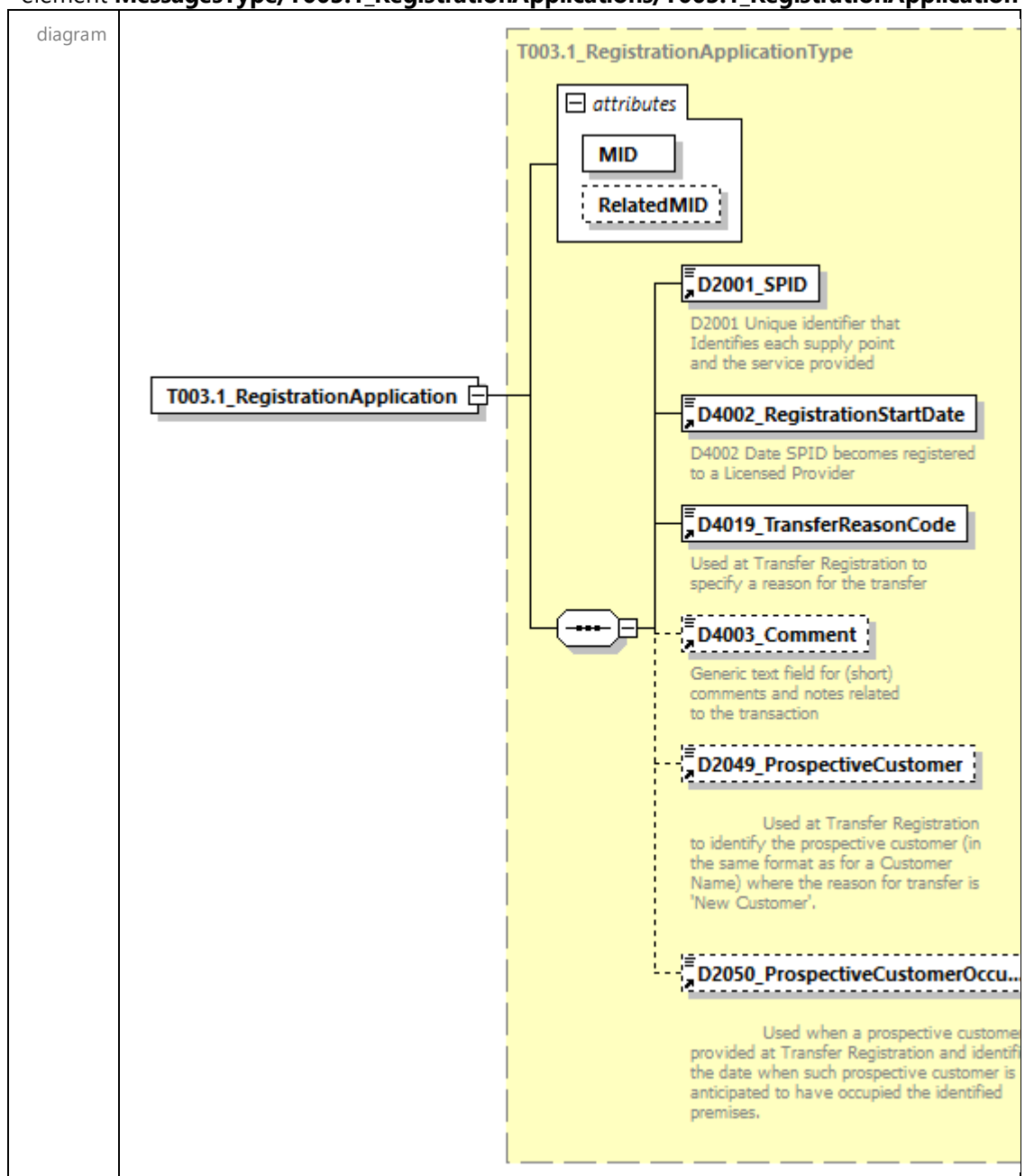
diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	PartialRegistrationApplicationType					
properties	content complex					
children	D2001_SPID					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre> <xs:element name="T003.0_PartialRegistrationApplication" type="PartialRegistrationApplicationType"/> </pre>					

element **MessageType/T003.1_RegistrationApplications**

diagram	
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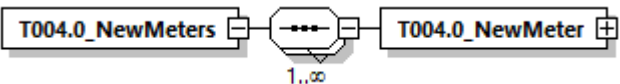
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T003.1 RegistrationApplication
source	<pre> <xs:element name="T003.1_RegistrationApplications"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T003.1_RegistrationApplication" type="T003.1_RegistrationApplicationType"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **MessagesType/T003.1_RegistrationApplications/T003.1_RegistrationApplication**



namespace	urn:bridgeall-com:cmaservice:data:v3					
type	T003.1 RegistrationApplicationType					
properties	content complex					
children	D2001 SPID D4002 RegistrationStartDate D4019 TransferReasonCode D4003 Comment D2049 ProspectiveCustomer D2050 ProspectiveCustomerOccupancyDate					
attributes	Name MID RelatedMID	Type MessageIdType MessageIdType	Use required optional	Default	Fixed	Annotation
source	<pre><xs:element name="T003.1_RegistrationApplication" type="T003.1_RegistrationApplicationType"/></pre>					

element **MessageType/T004.0_NewMeters**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T004.0 NewMeter
source	<pre><xs:element name="T004.0_NewMeters"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T004.0_NewMeter" type="T004.0_NewMeterType"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **MessagesType/T004.0_NewMeters/T004.0_NewMeter**

diagram	T004.0_NewMeterType attributes MID RelatedMID D2001_SPID: D2001 Unique identifier that identifies each supply point and the service provided D3001_MeterId: Meter Identification (e.g. manufacturers serial number) D3004_NrDigits: The number of digits on the meter register MeterLocation D3003_PhysicalMeterSize: Actual size of a meter (mm) D3002_ChargeableMeterSize: Meter size for tariff charge calculation purposes (mm) D3005_SewerageChargeableMeter...: The chargeable size for the Related Water Supply Meter for calculations of Sewerage tariff D3011_MeterReadFrequency: The frequency that the LP must read a meter D3007_ReturnToSewerAllowance: Return to sewer allowance for a particular meter D3013_MeterMake: Meter Make D3014_ManufacturerMeterSerialNr: Meter Serial Number D3015_datalogger_SW: Specifies the presence of a Scottish Water datalogger D3016_datalogger_NonSW: Specifies the presence of a non Scottish Water datalogger D3017_GISX: Specifies the X coordinate of the location of the meter D3018_GISY: Specifies the Y coordinate of the location of the meter D3019_GISZFreeDescriptor: Specifies the Z Free Descriptor of the location of the meter D3022_MeterTreatment: Meter Treatment Indicator D3023_AccreditedEntityInstall: Accredited Entity Install - Allows Scottish Water to notify the CMA when an operation has been carried out by an accredited installer D3025_MeterLocationCode: Meter Location Code T004.0_NewMeter
namespace	urn:bridgeall-com:cmaservice:data:v3
type	T004.0_NewMeterType

properties	content complex					
children	D2001_SPID D3001_MeterId D3004_NrDigits MeterLocation D3003_PhysicalMeterSize D3002_ChargeableMeterSize D3005_SewerageChargeableMeterSize D3011_MeterReadFrequency D3007_ReturnToSewerAllowance D3013_MeterMake D3014_ManufacturerMeterSerialNr D3015_datalogger_SW D3016_datalogger_NonSW D3017_GISX D3018_GISY D3019_GISZFreeDescriptor D3022_MeterTreatment D3023_AccreditedEntityInstall D3025_MeterLocationCode					
attributes	Name MID RelatedMID	Type MessageldType MessageldType	Use required optional	Default	Fixed	Annotation
source	<xs:element name="T004.0_NewMeter" type="T004.0_NewMeterType"/>					

element **MessageType/T004.2_LPMeterUpdates**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T004.2_LPMeterUpdate
source	<pre> <xs:element name="T004.2_LPMeterUpdates"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T004.2_LPMeterUpdate" type="LPMeterUpdateType"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **MessageType/T004.2_LPMeterUpdates/T004.2_LPMeterUpdate**

diagram	
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namespace	urn:bridgeall-com:cmaservice:data:v3					
type	LPMeterUpdateType					
properties	content complex					
children	D2001 SPID D3001 MeterId D2010 YVe					
attributes	Name MID RelatedMID	Type MessageIdType MessageIdType	Use required optional	Default	Fixed	Annotation
source	<xs:element name="T004.2_LPMeterUpdate" type="LPMeterUpdateType"/>					

element **MessageType/T004.3_VirtualMeters**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T004.3_VirtualMeter
source	<pre> <xs:element name="T004.3_VirtualMeters"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T004.3_VirtualMeter" type="T004.3_VirtualMeterType"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **MessagesType/T004.3_VirtualMeters/T004.3_VirtualMeter**

diagram	T004.3_VirtualMeterType attributes MID RelatedMID D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D2010_YVe Yearly Volumetric Usage Estimate for the SPID D3001_MeterId Meter Identification (e.g. manufacturers serial number) D3004_NrDigits The number of digits on the meter register D3003_PhysicalMeterSize Actual size of a meter (mm) D3002_ChargeableMeterSize Meter size for tariff charge calculation purposes (mm) D3005_SewerageChargeableMeter... The chargeable size for the Related Water Supply Meter for calculations of Sewerage tariff D3011_MeterReadFrequency The frequency that the LP must read a meter D3007_ReturnToSewerAllowance Return to sewer allowance for a particular meter D3013_MeterMake Meter Make D3014_ManufacturerMeterSerialNr Meter Serial Number D5001_FreeDescriptor
namespace	urn:bridgeall-com:cmaservice:data:v3
type	T004.3_VirtualMeterType

properties	content complex					
children	D2001 SPID D2010 YVe D3001 MeterId D3004 NrDigits D3003 PhysicalMeterSize D3002 ChargeableMeterSize D3005 SewerageChargeableMeterSize D3011 MeterReadFrequency D3007 ReturnToSewerAllowance D3013 MeterMake D3014 ManufacturerMeterSerialNr D5001 FreeDescriptor					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T004.3_VirtualMeter" type="T004.3_VirtualMeterType"/></pre>					

element **MessagesType/T005.0_SWMeterReads**

diagram	<pre> sequenceDiagram participant T005.0_SWMeterReads as T005.0_SWMeterReads participant T005.0_SWMeterRead as T005.0_SWMeterRead T005.0_SWMeterReads -- "1..∞" --> T005.0_SWMeterRead </pre>
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T005.0 SWMeterRead
source	<pre><xs:element name="T005.0_SWMeterReads"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T005.0_SWMeterRead" type="MeterReadType"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **MessagesType/T005.0_SWMeterReads/T005.0_SWMeterRead**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	MeterReadType					
properties	content complex					
children	D2001_SPID D3001_MeterId D3008_MeterRead D3009_MeterReadDate D3010_MeterReadType D3028_SReadReasonCode D3029_SReadRemedialWorkIndicator D3012_ReRead D3020_Rollover_Indicator					
attributes	Name MID RelatedMID	Type MessageIdType MessageIdType	Use required optional	Default	Fixed	Annotation

source	<code><xs:element name="T005.0_SWMeterRead" type="MeterReadType"/></code>
--------	---

element **MessageType/T005.1_LPMeterReads**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T005.1_LPMeterRead
source	<pre> <xs:element name="T005.1_LPMeterReads"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T005.1_LPMeterRead" type="LPMeterReadType"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **MessageType/T005.1_LPMeterReads/T005.1_LPMeterRead**

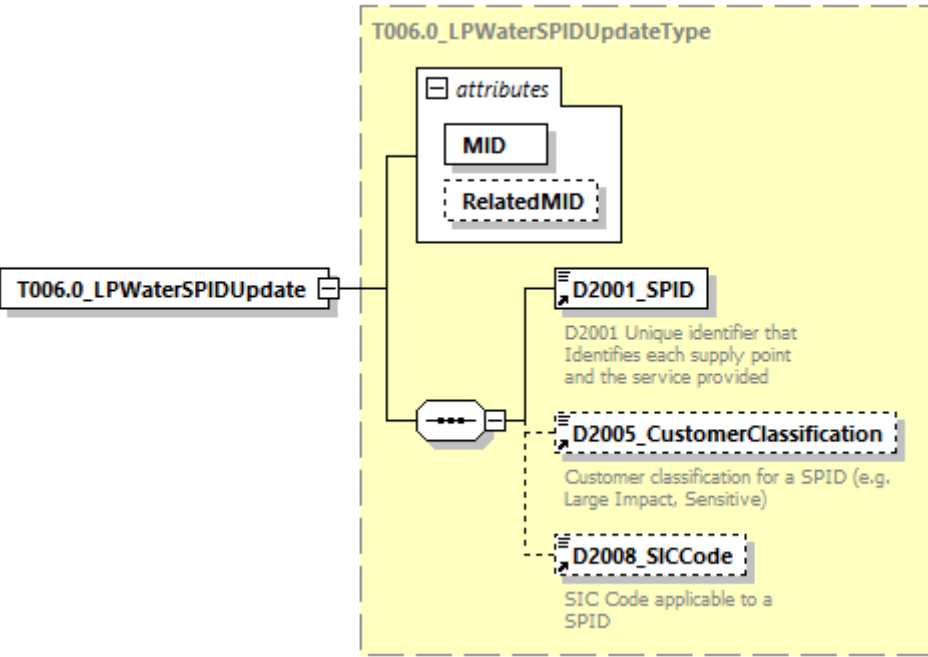
diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	LPMeterReadType					
properties	content complex					
children	D2001_SPID D3001_MeterId D3008_MeterRead D3009_MeterReadDate D3010_MeterReadType D3028_SReadReasonCode D3029_SReadRemedialWorkIndicator D3012_ReRead D3020_Rollover_Indicator					
attributes	Name MID RelatedMID	Type MessageIdType MessageIdType	Use required optional	Default	Fixed	Annotation

source	<code><xs:element name="T005.1_LPMeterRead" type="LPMeterReadType"/></code>
--------	---

element **MessageType/T006.0_LPWaterSPIDUpdates**

diagram	 The diagram shows a box labeled 'T006.0_LPWaterSPIDUpdates' connected to a sequence container (a circle with three dots) which is then connected to a box labeled 'T006.0_LPWaterSPIDUpdate'. A '1..∞' cardinality constraint is shown below the sequence container.
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T006.0_LPWaterSPIDUpdate
source	<pre><xs:element name="T006.0_LPWaterSPIDUpdates"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T006.0_LPWaterSPIDUpdate" type="T006.0_LPWaterSPIDUpdateType"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **MessageType/T006.0_LPWaterSPIDUpdates/T006.0_LPWaterSPIDUpdate**

diagram	 The diagram shows a box labeled 'T006.0_LPWaterSPIDUpdate' connected to a dashed yellow box labeled 'T006.0_LPWaterSPIDUpdateType'. Inside this box, there is an 'attributes' section containing 'MID' and 'RelatedMID' (the latter is dashed). Below the attributes is a sequence container (circle with three dots) connected to three data elements: 'D2001_SPID' (with description: 'D2001 Unique identifier that Identifies each supply point and the service provided'), 'D2005_CustomerClassification' (with description: 'Customer classification for a SPID (e.g. Large Impact, Sensitive)'), and 'D2008_SICCode' (with description: 'SIC Code applicable to a SPID').					
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	T006.0_LPWaterSPIDUpdateType					
properties	content complex					
children	D2001_SPID D2005_CustomerClassification D2008_SICCode					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			

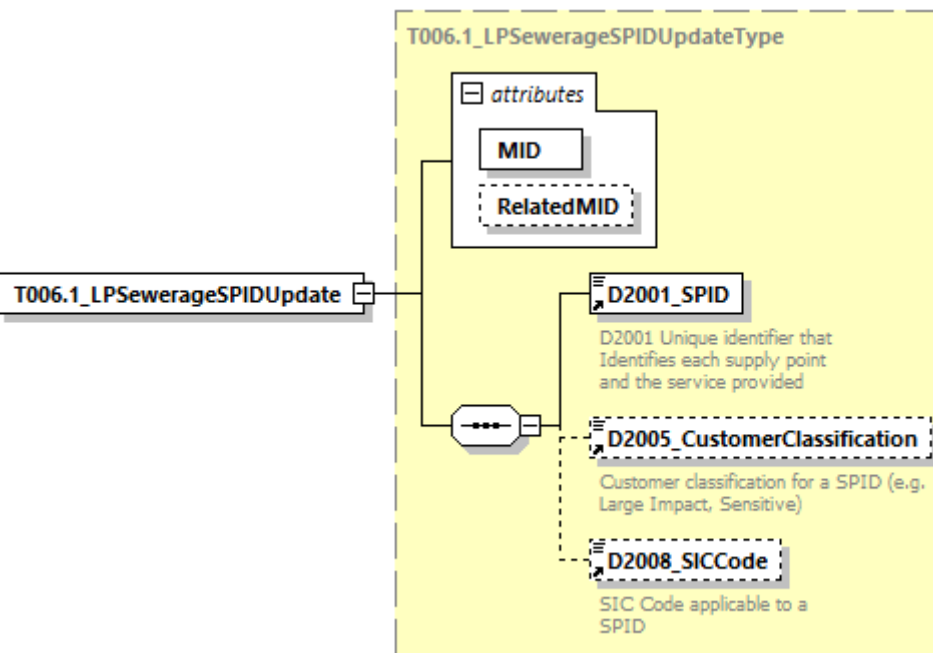
source	<pre><xs:element name="T006.0_LPWaterSPIDUpdate" type="T006.0_LPWaterSPIDUpdateType"/></pre>
--------	--

element **MessageType/T006.1_LPSewerageSPIDUpdates**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T006.1_LPSewerageSPIDUpdate
source	<pre><xs:element name="T006.1_LPSewerageSPIDUpdates"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T006.1_LPSewerageSPIDUpdate" type="T006.1_LPSewerageSPIDUpdateType"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element

MessageType/T006.1_LPSewerageSPIDUpdates/T006.1_LPSewerageSPIDUpdate

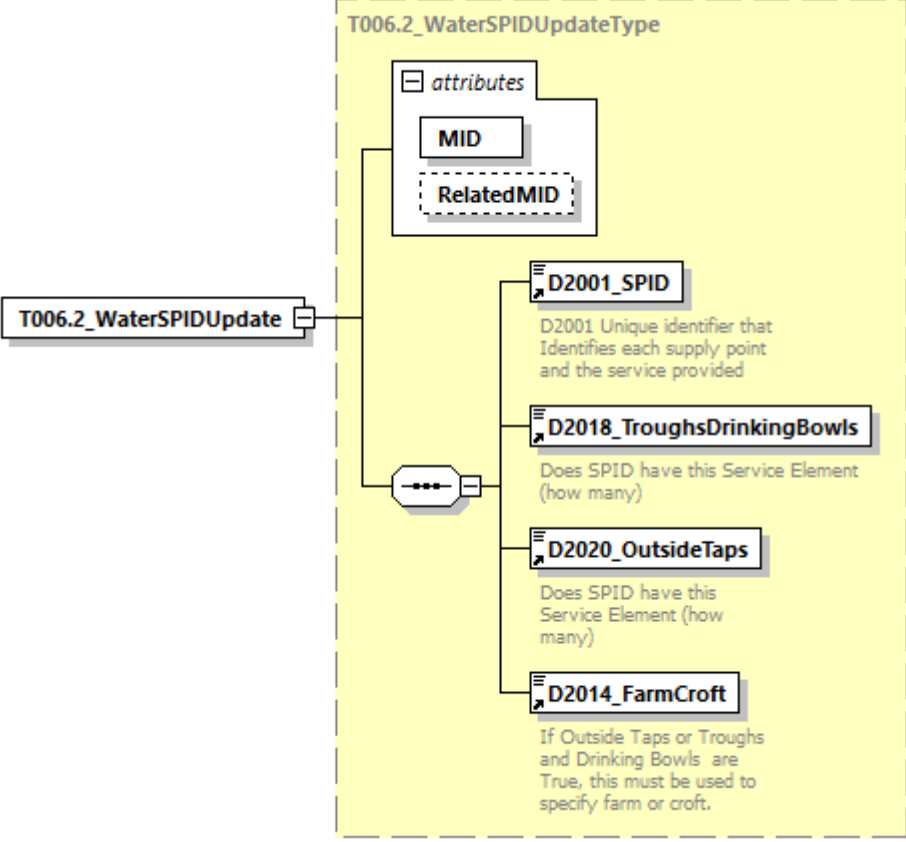
diagram													
namespace	urn:bridgeall-com:cmaservice:data:v3												
type	T006.1_LPSEwerageSPIDUpdateType												
properties	content complex												
children	D2001_SPID D2005_CustomerClassification D2008_SICCode												
attributes	<table><thead><tr><th>Name</th><th>Type</th><th>Use</th><th>Default</th><th>Fixed</th><th>Annotation</th></tr></thead><tbody><tr><td>MID</td><td>MessageIdType</td><td>required</td><td></td><td></td><td></td></tr></tbody></table>	Name	Type	Use	Default	Fixed	Annotation	MID	MessageIdType	required			
Name	Type	Use	Default	Fixed	Annotation								
MID	MessageIdType	required											

	RelatedMID MessageIdType optional
source	<pre><xs:element name="T006.1_LPSewerageSPIDUpdate" type="T006.1_LPSewerageSPIDUpdateType"/></pre>

element **MessageType/T006.2_WaterSPIDUpdates**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T006.2_WaterSPIDUpdate
source	<pre><xs:element name="T006.2_WaterSPIDUpdates"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T006.2_WaterSPIDUpdate" type="T006.2_WaterSPIDUpdateType"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **MessageType/T006.2_WaterSPIDUpdates/T006.2_WaterSPIDUpdate**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	T006.2_WaterSPIDUpdateType

properties	content complex					
children	D2001 SPID D2018 TroughsDrinkingBowls D2020 OutsideTaps D2014 FarmCroft					
attributes	Name MID RelatedMID	Type MessageIdType MessageIdType	Use required optional	Default	Fixed	Annotation
source	<xs:element name="T006.2_WaterSPIDUpdate" type="T006.2_WaterSPIDUpdateType"/>					

element **MessageType/T006.3_SewerageSPIDUpdates**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T006.3 SewerageSPIDUpdate
source	<xs:element name="T006.3_SewerageSPIDUpdates"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T006.3_SewerageSPIDUpdate" type="T006.3_SewerageSPIDUpdateType"/> </xs:sequence> </xs:complexType> </xs:element>

element **MessageType/T006.3_SewerageSPIDUpdates/T006.3_SewerageSPIDUpdate**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	T006.3_SewerageSPIDUpdateType					
properties	content complex					
children	D2001_SPID D2016_PropertyDrainage D2048_SAIndicator D2012_SurfaceArea D2017_RoadDrainage D2045_MTSPID D2046_MTSPIDFlag					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			

	RelatedMID MessageIdType optional
source	<pre><xs:element name="T006.3_SewerageSPIDUpdate" type="T006.3_SewerageSPIDUpdateType"/></pre>

element **MessageType/T006.6_ProvideLiveRateableValues**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T006.6_ProvideLiveRateableValue
source	<pre><xs:element name="T006.6_ProvideLiveRateableValues"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T006.6_ProvideLiveRateableValue" type="T006.6_ProvideLiveRateableValueType"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **MessageType/T006.6_ProvideLiveRateableValues/T006.6_ProvideLiveRateableValue**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	T006.6_ProvideLiveRateableValueType					
properties	content complex					
children	D2001_SPID D2042_LiveRateableValue					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			

source	<pre><xs:element name="T006.6_ProvideLiveRateableValue" type="T006.6_ProvideLiveRateableValueType"/></pre>
--------	--

element **MessageType/T007.0_WaterConnectionCompletes**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T007.0_WaterConnectionComplete
source	<pre><xs:element name="T007.0_WaterConnectionCompletes"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T007.0_WaterConnectionComplete" type="T007.0_WaterConnectionCompleteType"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **MessageType/T007.0_WaterConnectionCompletes/T007.0_WaterConnectionComplete**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	T007.0_WaterConnectionCompleteType
properties	content complex

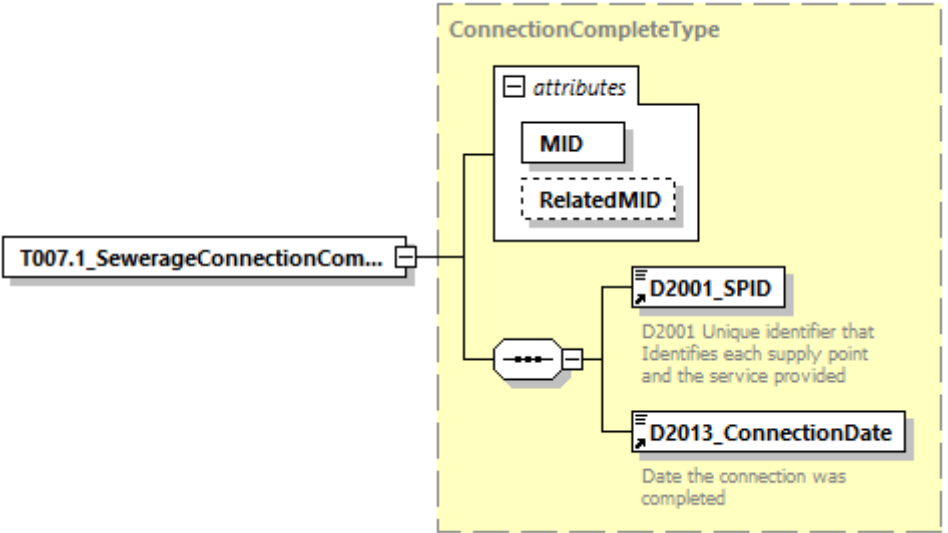
children	D2001_SPID D2013_ConnectionDate D2033_AccreditedEntityInstall					
attributes	Name MID RelatedMID	Type MessageIdType MessageIdType	Use required optional	Default	Fixed	Annotation
source	<pre><xs:element name="T007.0_WaterConnectionComplete" type="T007.0_WaterConnectionCompleteType"/></pre>					

element **MessagesType/T007.1_SewerageConnectionCompletes**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T007.1_SewerageConnectionComplete
source	<pre><xs:element name="T007.1_SewerageConnectionCompletes"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T007.1_SewerageConnectionComplete" type="ConnectionCompleteType"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element

MessagesType/T007.1_SewerageConnectionCompletes/T007.1_SewerageConnectionComplete

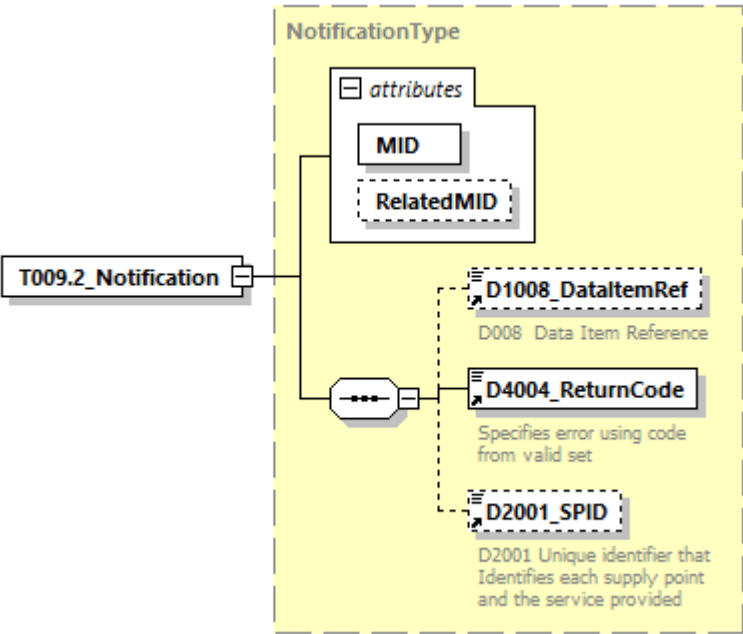
diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	ConnectionCompleteType
properties	content complex

children	D2001_SPID D2013_ConnectionDate					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T007.1_SewerageConnectionComplete" type="ConnectionCompleteType"/></pre>					

element **MessageType/T009.2_Notifications**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T009.2_Notification
source	<pre><xs:element name="T009.2_Notifications"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T009.2_Notification" type="NotificationType"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **MessageType/T009.2_Notifications/T009.2_Notification**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	NotificationType
properties	content complex
children	D1008_DataItemRef D4004_ReturnCode D2001_SPID

attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<xs:element name="T009.2_Notification" type="NotificationType"/>					

element **MessageType/T010.0_CancelRegistrationIncomings**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T010.0_CancelRegistrationIncoming
source	<pre><xs:element name="T010.0_CancelRegistrationIncomings"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T010.0_CancelRegistrationIncoming" type="CancelRegistrationType"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element

MessageType/T010.0_CancelRegistrationIncomings/T010.0_CancelRegistrationIncoming

diagram																			
namespace	urn:bridgeall-com:cmaservice:data:v3																		
type	CancelRegistrationType																		
properties	content complex																		
children	D2001_SPID D4005_CancellationCode																		
attributes	<table><thead><tr><th>Name</th><th>Type</th><th>Use</th><th>Default</th><th>Fixed</th><th>Annotation</th></tr></thead><tbody><tr><td>MID</td><td>MessageIdType</td><td>required</td><td></td><td></td><td></td></tr><tr><td>RelatedMID</td><td>MessageIdType</td><td>optional</td><td></td><td></td><td></td></tr></tbody></table>	Name	Type	Use	Default	Fixed	Annotation	MID	MessageIdType	required				RelatedMID	MessageIdType	optional			
Name	Type	Use	Default	Fixed	Annotation														
MID	MessageIdType	required																	
RelatedMID	MessageIdType	optional																	

	MID MessageIdType required RelatedMID MessageIdType optional
source	<pre><xs:element name="T010.0_CancelRegistrationIncoming" type="CancelRegistrationType"/></pre>

element **MessageType/T010.1_CancelRegistrationOutgoings**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T010.1_CancelRegistrationOutgoing
source	<pre><xs:element name="T010.1_CancelRegistrationOutgoings"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T010.1_CancelRegistrationOutgoing" type="CancelRegistrationOutType"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element
MessageType/T010.1_CancelRegistrationOutgoings/T010.1_CancelRegistrationOutgoing

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diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	CancelRegistrationOutType					
properties	content complex					
children	D2001_SPID D4005_CancellationCode D4003_Comment D2051_CustomerContactIdentifier					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T010.1_CancelRegistrationOutgoing" type="CancelRegistrationOutType"/></pre>					

element **MessageType/T012.0_MiscSPIDUpdates**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
properties	content complex					
children	T012.0_MiscSPIDUpdate					
source	<pre><xs:element name="T012.0_MiscSPIDUpdates"> <xs:complexType></pre>					

	<pre> <xs:sequence maxOccurs="unbounded"> <xs:element name="T012.0_MiscSPIDUpdate" type="T012.0_MiscSPIDUpdateType"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **MessagesType/T012.0_MiscSPIDUpdates/T012.0_MiscSPIDUpdate**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	T012.0_MiscSPIDUpdateType					
properties	content complex					
children	D2001_SPID Address D2043_LPConnectionRef D4003_Comment					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre> <xs:element name="T012.0_MiscSPIDUpdate" type="T012.0_MiscSPIDUpdateType"/> </pre>					

element **MessagesType/T012.1_ServiceElementUpdates**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
properties	content complex					

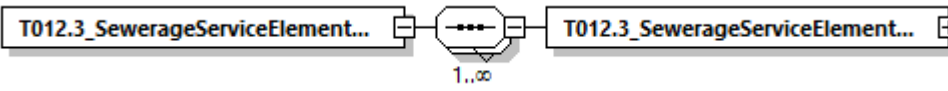
children	T012.1_ServiceElementUpdate
source	<pre> <xs:element name="T012.1_ServiceElementUpdates"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T012.1_ServiceElementUpdate" type="T012.1_ServiceElementUpdateType"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **MessagesType/T012.1_ServiceElementUpdates/T012.1_ServiceElementUpdate**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	T012.1_ServiceElementUpdateType
properties	content complex
children	D2001 SPID D2018 TroughsDrinkingBowls D2020 OutsideTaps D2014 FarmCroft D4006 EffectiveFrom D4003 Comment

attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T012.1_ServiceElementUpdate" type="T012.1_ServiceElementUpdateType"/></pre>					

element **MessageType/T012.3_SewerageServiceElementUpdates**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T012.3_SewerageServiceElementUpdate
source	<pre><xs:element name="T012.3_SewerageServiceElementUpdates"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T012.3_SewerageServiceElementUpdate" type="T012.3_SewerageServiceElementUpdateType"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element

MessageType/T012.3_SewerageServiceElementUpdates/T012.3_SewerageServiceEleme

ntUpdate

diagram	T012.3_SewerageServiceElementUpdateType attributes MID RelatedMID D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D4006_EffectiveFrom Details the date any data may be effective from D2016_PropertyDrainage Does SPID have this Service Element D2048_SAIndicator Indicates whether Property Drainage is charged on Surface Area, or on Live RV. D2012_SurfaceArea Surface Area of SP for Settlement Calculations D2017_RoadDrainage Does SPID have this Service Element D2045_MTSPID Used only for drainage-only SPIDs; identifies the Multi-Tenancy SPID the SPID is served by. D2046_MTSPIDFlag Used only for drainage-only SPIDs; identifies whether there is a Multi-Tenancy SPID for the identified SPID. D4003_Comment Generic text field for (short) comments and notes related to the transaction
namespace	urn:bridgeall-com:cmaservice:data:v3
type	T012.3_SewerageServiceElementUpdateType

properties	content complex					
children	D2001_SPID D4006_EffectiveFrom D2016_PropertyDrainage D2048_SAIndicator D2012_SurfaceArea D2017_RoadDrainage D2045_MTSPID D2046_MTSPIDFlag D4003_Comment					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T012.3_SewerageServiceElementUpdate" type="T012.3_SewerageServiceElementUpdateType"/></pre>					

element **MessageType/T012.5_UpdateSAReferenceNumberUPRNs**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T012.5_UpdateSAReferenceNumberUPRN
source	<pre><xs:element name="T012.5_UpdateSAReferenceNumberUPRNs"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T012.5_UpdateSAReferenceNumberUPRN" type="UpdateSAReferenceNumberUPRNType"/> </xs:sequence> </xs:complexType> </xs:element></pre>

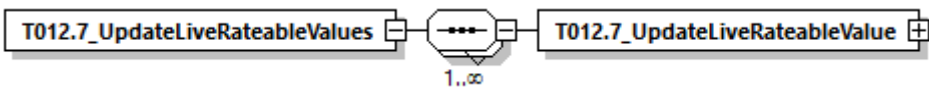
element

MessageType/T012.5_UpdateSAReferenceNumberUPRNs/T012.5_UpdateSAReferenceNumberUPRN

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3

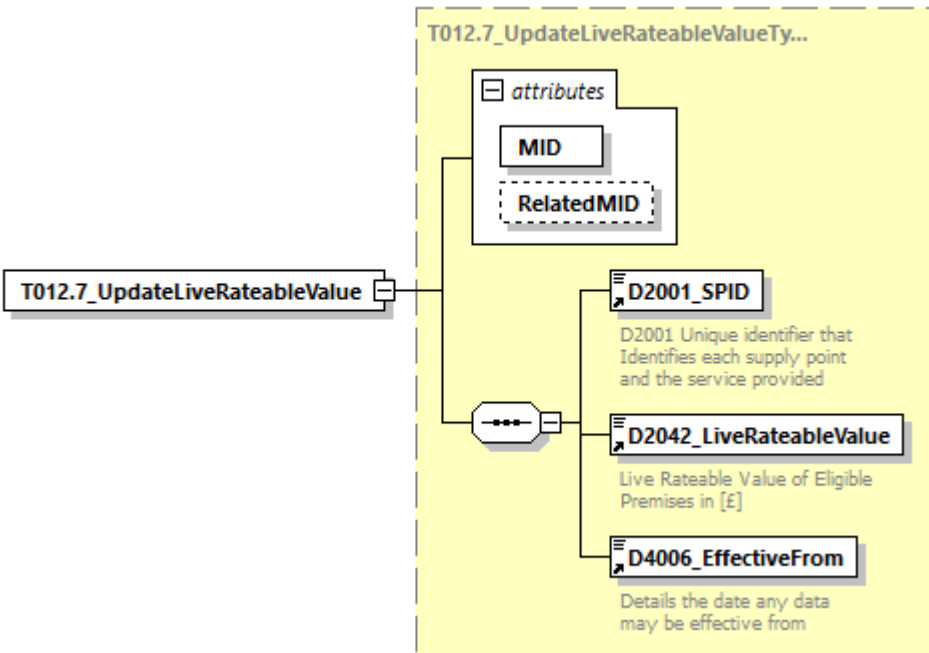
type	UpdateSAAReferenceNumberUPRNType					
properties	content	complex				
children	D2001_SPID UARNDData UPRNData					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<xs:element name="T012.5_UpdateSAAReferenceNumberUPRN" type="UpdateSAAReferenceNumberUPRNType"/>					

element **MessagesType/T012.7_UpdateLiveRateableValues**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T012.7_UpdateLiveRateableValue
source	<pre><xs:element name="T012.7_UpdateLiveRateableValues"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T012.7_UpdateLiveRateableValue" type="T012.7_UpdateLiveRateableValueType"/> </xs:sequence> </xs:complexType> </xs:element></pre>

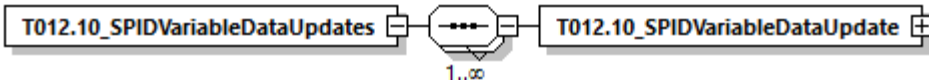
element

MessagesType/T012.7_UpdateLiveRateableValues/T012.7_UpdateLiveRateableValue

diagram	
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namespace	urn:bridgeall-com:cmaservice:data:v3					
type	T012.7_UpdateLiveRateableValueType					
properties	content complex					
children	D2001 SPID D2042 LiveRateableValue D4006 EffectiveFrom					
attributes	Name MID RelatedMID	Type MessageIdType MessageIdType	Use required optional	Default	Fixed	Annotation
source	<xs:element name="T012.7_UpdateLiveRateableValue" type="T012.7_UpdateLiveRateableValueType"/>					

element **MessageType/T012.10_SPIDVariableDataUpdates**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T012.10_SPIDVariableDataUpdate
source	<pre><xs:element name="T012.10_SPIDVariableDataUpdates"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T012.10_SPIDVariableDataUpdate" type="T012.10_SPIDVariableDataUpdateType"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element

MessageType/T012.10_SPIDVariableDataUpdates/T012.10_SPIDVariableDataUpdate

diagram	T012.10_SPIDVariableDataUpdate attributes MID RelatedMID D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D4006_EffectiveFrom Details the date any data may be effective from D2005_CustomerClassification Customer classification for a SPID (e.g. Large Impact, Sensitive) D2008_SICCode SIC Code applicable to a SPID D2015_SPIDVacant Declares premises for the SPID as vacant D4003_Comment Generic text field for (short) comments and notes related to the transaction																		
namespace	urn:bridgeall-com:cmaservice:data:v3																		
type	T012.10_SPIDVariableDataUpdateType																		
properties	content complex																		
children	D2001_SPID D4006_EffectiveFrom D2005_CustomerClassification D2008_SICCode D2015_SPIDVacant D4003_Comment																		
attributes	<table><thead><tr><th>Name</th><th>Type</th><th>Use</th><th>Default</th><th>Fixed</th><th>Annotation</th></tr></thead><tbody><tr><td>MID</td><td>MessageIdType</td><td>required</td><td></td><td></td><td></td></tr><tr><td>RelatedMID</td><td>MessageIdType</td><td>optional</td><td></td><td></td><td></td></tr></tbody></table>	Name	Type	Use	Default	Fixed	Annotation	MID	MessageIdType	required				RelatedMID	MessageIdType	optional			
Name	Type	Use	Default	Fixed	Annotation														
MID	MessageIdType	required																	
RelatedMID	MessageIdType	optional																	
source	<xs:element name="T012.10_SPIDVariableDataUpdate" type="T012.10_SPIDVariableDataUpdateType"/>																		

element MessageType/T013.0_MeterUpdates

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3

properties	content complex
children	T013.0 MeterUpdate
source	<pre> <xs:element name="T013.0_MeterUpdates"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T013.0_MeterUpdate" type="MeterUpdateType"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **MessagesType/T013.0_MeterUpdates/T013.0_MeterUpdate**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	MeterUpdateType

properties	content complex					
children	D2001_SPID D3001_MeterId MeterLocation D3011_MeterReadFrequency D4003_Comment D3013_MeterMake D3014_ManufacturerMeterSerialNr D3003_PhysicalMeterSize D3004_NrDigits D3015_datalogger_SW D3016_datalogger_NonSW D3017_GISX D3018_GISY					
attributes	Name MID RelatedMID	Type MessageldType MessageldType	Use required optional	Default	Fixed	Annotation
source	<xs:element name="T013.0_MeterUpdate" type="MeterUpdateType"/>					

element **MessagesType/T013.2_UpdateMeterLocations**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T013.2_UpdateMeterLocation
source	<pre><xs:element name="T013.2_UpdateMeterLocations"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T013.2_UpdateMeterLocation" type="UpdateMeterLocationType"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **MessagesType/T013.2_UpdateMeterLocations/T013.2_UpdateMeterLocation**

diagram	
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namespace	urn:bridgeall-com:cmaservice:data:v3					
type	UpdateMeterLocationType					
properties	content complex					
children	D2001 SPID D3001 MeterId D3019 GISZFreeDescriptor D3025 MeterLocationCode					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageldType	required			
	RelatedMID	MessageldType	optional			
source	<pre><xs:element name="T013.2_UpdateMeterLocation" type="UpdateMeterLocationType"/></pre>					

element **MessageType/T014.0_ChargeableMeterUpdates**

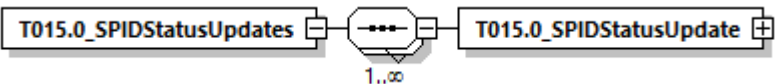
diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T014.0_ChargeableMeterUpdate
source	<pre><xs:element name="T014.0_ChargeableMeterUpdates"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T014.0_ChargeableMeterUpdate" type="ChargeableMeterUpdateType"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element

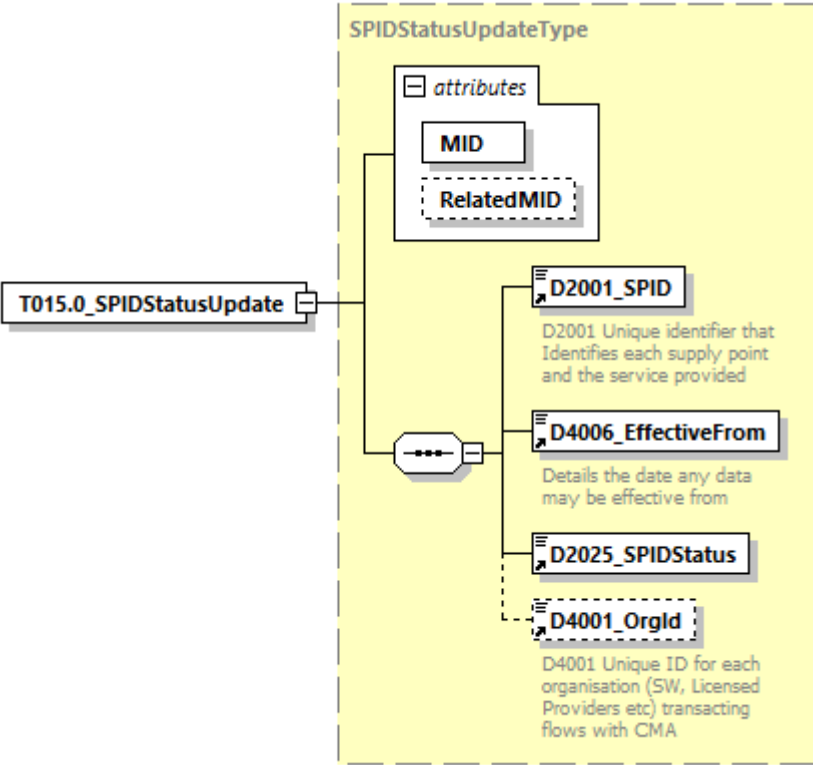
MessageType/T014.0_ChargeableMeterUpdates/T014.0_ChargeableMeterUpdate

diagram	The diagram illustrates the structure of the T014.0_ChargeableMeterUpdate message. It is a container for the ChargeableMeterUpdateType. This type includes the following elements: Attributes: MID (required): Message Identifier. RelatedMID (optional): Related Message Identifier. Data Elements: D2001_SPID (required): D2001 Unique identifier that Identifies each supply point and the service provided. D3001_MeterId (required): Meter Identification (e.g. manufacturers serial number). D3002_ChargeableMeterSize (optional): Meter size for tariff charge calculation purposes (mm). D3005_SewerageChargeableMeterSize (optional): The chargeable size for the Related Water Supply Meter for calculations of Sewerage. D4003_Comment (optional): Generic text field for (short) comments and notes related to the transaction. D3007_ReturnToSewerAllowance (optional): Return to sewer allowance for a particular meter. D4006_EffectiveFrom (optional): Details the date any data may be effective from.					
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	ChargeableMeterUpdateType					
properties	content complex					
children	D2001_SPID D3001_MeterId D3002_ChargeableMeterSize D3005_SewerageChargeableMeterSize D4003_Comment D3007_ReturnToSewerAllowance D4006_EffectiveFrom					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageldType	required			
	RelatedMID	MessageldType	optional			
source	<pre><xs:element name="T014.0_ChargeableMeterUpdate" type="ChargeableMeterUpdateType"/></pre>					

element **MessagesType/T015.0_SPIDStatusUpdates**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T015.0_SPIDStatusUpdate
source	<pre> <xs:element name="T015.0_SPIDStatusUpdates"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T015.0_SPIDStatusUpdate" type="SPIDStatusUpdateType"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **MessagesType/T015.0_SPIDStatusUpdates/T015.0_SPIDStatusUpdate**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	SPIDStatusUpdateType					
properties	content complex					
children	D2001_SPID D4006_EffectiveFrom D2025_SPIDStatus D4001_OrgId					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre> <xs:element name="T015.0_SPIDStatusUpdate" </pre>					

	<code>type="SPIDStatusUpdateType"/></code>
--	---

element **MessageType/T015.2_BackdatedSPIDStatusUpdates**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T015.2_BackdatedSPIDStatusUpdate
source	<pre> <xs:element name="T015.2_BackdatedSPIDStatusUpdates"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T015.2_BackdatedSPIDStatusUpdate" type="BackdatedSPIDStatusUpdateType"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element
MessageType/T015.2_BackdatedSPIDStatusUpdates/T015.2_BackdatedSPIDStatusUpda

te

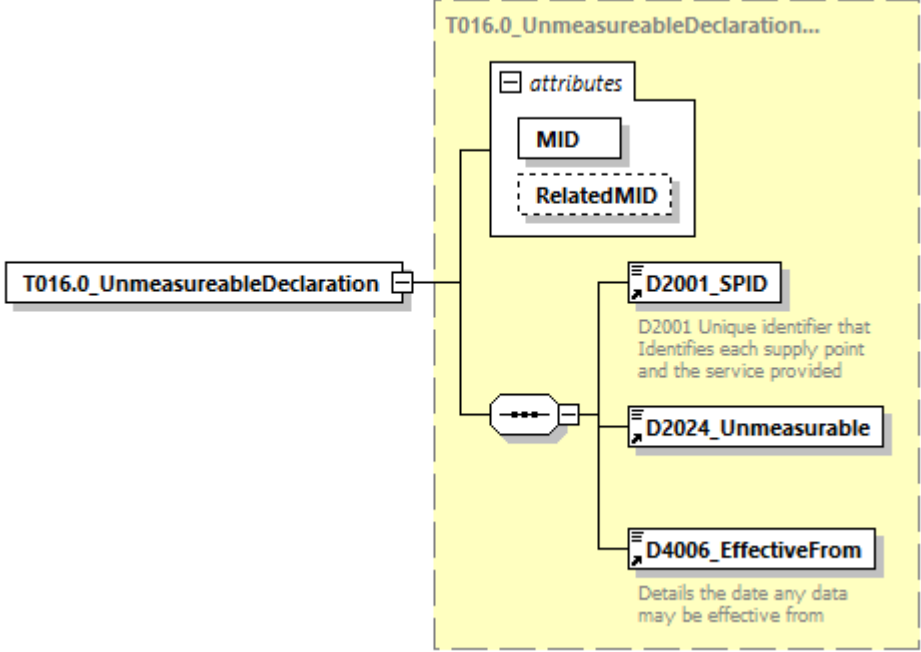
diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	BackdatedSPIDStatusUpdateType					
properties	content complex					
children	D2001 SPID D2025 SPIDStatus D3001 MeterId D3008 MeterRead D3020 Rollover Indicator D2047 LPRejectionIndicator D4006 EffectiveFrom					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T015.2_BackdatedSPIDStatusUpdate" type="BackdatedSPIDStatusUpdateType"/></pre>					

element **MessagesType/T016.0_UnmeasureableDeclarations**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T016.0_UnmeasureableDeclaration
source	<pre> <xs:element name="T016.0_UnmeasureableDeclarations"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T016.0_UnmeasureableDeclaration" type="T016.0_UnmeasureableDeclarationType"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element

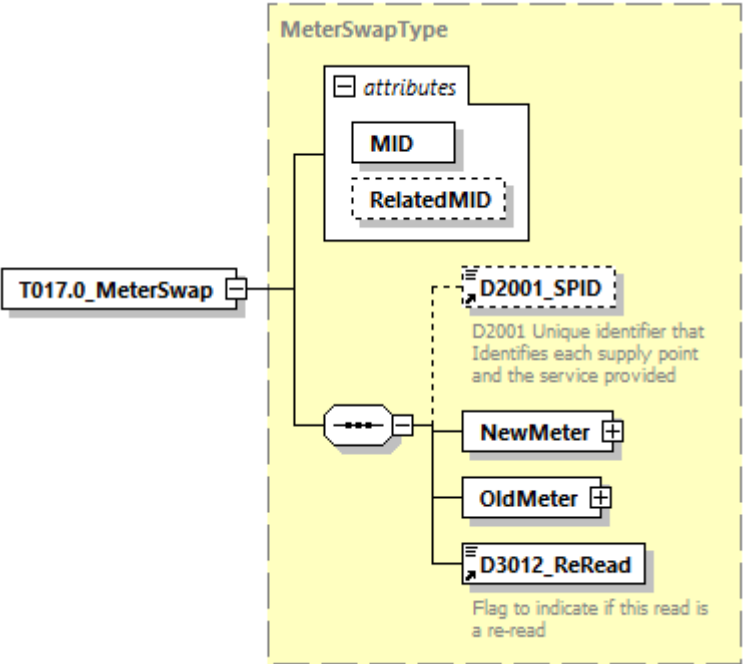
MessagesType/T016.0_UnmeasureableDeclarations/T016.0_UnmeasureableDeclaration

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	T016.0_UnmeasureableDeclarationType					
properties	content complex					
children	D2001_SPID D2024_Unmeasurable D4006_EffectiveFrom					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre> <xs:element name="T016.0_UnmeasureableDeclaration" type="T016.0_UnmeasureableDeclarationType"/> </pre>					

element **MessagesType/T017.0_MeterSwaps**

diagram	 The diagram shows a box labeled 'T017.0_MeterSwaps' connected to a sequence container (a circle with three dots) which is then connected to a box labeled 'T017.0_MeterSwap'. A '1..∞' cardinality constraint is shown below the sequence container.
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T017.0_MeterSwap
source	<pre><xs:element name="T017.0_MeterSwaps"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T017.0_MeterSwap" type="MeterSwapType"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **MessagesType/T017.0_MeterSwaps/T017.0_MeterSwap**

diagram	 The diagram shows a box labeled 'T017.0_MeterSwap' connected to a 'MeterSwapType' container (a large dashed box). Inside 'MeterSwapType', there is an 'attributes' section containing 'MID' and 'RelatedMID'. Below this is a sequence container (circle with three dots) connected to three elements: 'NewMeter', 'OldMeter', and 'D3012_ReRead'. A dashed box labeled 'D2001_SPID' contains the text 'D2001 Unique identifier that Identifies each supply point and the service provided'. Another dashed box labeled 'D3012_ReRead' contains the text 'Flag to indicate if this read is a re-read'.					
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	MeterSwapType					
properties	content complex					
children	D2001_SPID NewMeter OldMeter D3012_ReRead					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T017.0_MeterSwap" type="MeterSwapType"/></pre>					

element **MessagesType/T021.0_NewDPIDs**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T021.0_NewDPID
source	<pre> <xs:element name="T021.0_NewDPIDs"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T021.0_NewDPID" type="DPIDNotificationType"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **MessageType/T021.0_NewDPIDs/T021.0_NewDPID**

diagram	DPIDNotificationType attributes MID RelatedMID D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D6001_DPID Discharge Point ID D4006_EffectiveFrom Details the date any data may be effective from D6003_CDV TE Availability data: Chargeable Daily Volume m3 D6004_sBODL TE Availability data: Chargeable Settled Biochemical Oxygen Demand load (kg/day) D6005_TSSL TE Availability data: Chargeable Total Suspended Solids load (kg/day) D6006_Ot TE Operating Data: Fixed Strength Chemical Oxygen Demand D6007_St TE Operating Data: Fixed Strength Solids Demand D6009_Non-domesticAllowance Annual volume associated with the foul sewerage for the Discharge Point (m3) D6010_SDTIndicator Seasonal Discharge Tariff Indicator - set as True to apply higher seasonal tariff Address D6002_TeYVe Trade Effluent Estimated Yearly Volume for a Discharge Point D6011_TETreatment TETreatment indicator D6012_PcentAllowance DPID Percentage Allowance D6013_FixedAllowance DPID Fixed Allowance
namespace	urn:bridgeall-com:cmaservice:data:v3
type	DPIDNotificationType

properties	content complex					
children	D2001 SPID D6001 DPID D4006 EffectiveFrom D6003 CDV D6004 sBODL D6005 TSSL D6006 Ot D6007 St D6009 Non-domesticAllowance D6010 SDTIndicator Address D6002 TEYVe D6011 TETreatment D6012 PcentAllowance D6013 FixedAllowance					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<xs:element name="T021.0_NewDPID" type="DPIDNotificationType"/>					

element **MessageType/T022.0_TEUpdates**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T022.0 TEUpdate
source	<pre><xs:element name="T022.0_TEUpdates"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T022.0_TEUpdate" type="TEUpdateType"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **MessageType/T022.0_TEUpdates/T022.0_TEUpdate**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	TEUpdateType					
properties	content complex					
children	D2001 SPID D6001 DPID D4006 EffectiveFrom D6006 Ot D6007 St					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T022.0_TEUpdate" type="TEUpdateType"/></pre>					

element **MessageType/T023.0_MeterAssociations**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
properties	content complex					
children	T023.0 MeterAssociation					
source	<pre><xs:element name="T023.0_MeterAssociations"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T023.0_MeterAssociation"</pre>					

	<pre> type="MeterAssociationType"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **MessageType/T023.0_MeterAssociations/T023.0_MeterAssociation**

diagram	T023.0_MeterAssociation MeterAssociationType attributes MID RelatedMID D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D6001_DPID Discharge Point ID D3001_MeterId Meter Identification (e.g. manufacturers serial number) D4006_EffectiveFrom Details the date any data may be effective from D3024_MDVol The Meter-DPID Volume for a particular DP-MeterAssociation																		
namespace	urn:bridgeall-com:cmaservice:data:v3																		
type	MeterAssociationType																		
properties	content complex																		
children	D2001 SPID D6001 DPID D3001 MeterId D4006 EffectiveFrom D3024 MDVol																		
attributes	<table><tr><td>Name</td><td>Type</td><td>Use</td><td>Default</td><td>Fixed</td><td>Annotation</td></tr><tr><td>MID</td><td>MessageIdType</td><td>required</td><td></td><td></td><td></td></tr><tr><td>RelatedMID</td><td>MessageIdType</td><td>optional</td><td></td><td></td><td></td></tr></table>	Name	Type	Use	Default	Fixed	Annotation	MID	MessageIdType	required				RelatedMID	MessageIdType	optional			
Name	Type	Use	Default	Fixed	Annotation														
MID	MessageIdType	required																	
RelatedMID	MessageIdType	optional																	
source	<xs:element name="T023.0_MeterAssociation" type="MeterAssociationType"/>																		

element **MessageType/T024.0_MeterDisAssociations**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3

properties	content complex
children	T024.0_MeterDisAssociation
source	<pre> <xs:element name="T024.0_MeterDisAssociations"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T024.0_MeterDisAssociation" type="MeterDisAssociationType"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

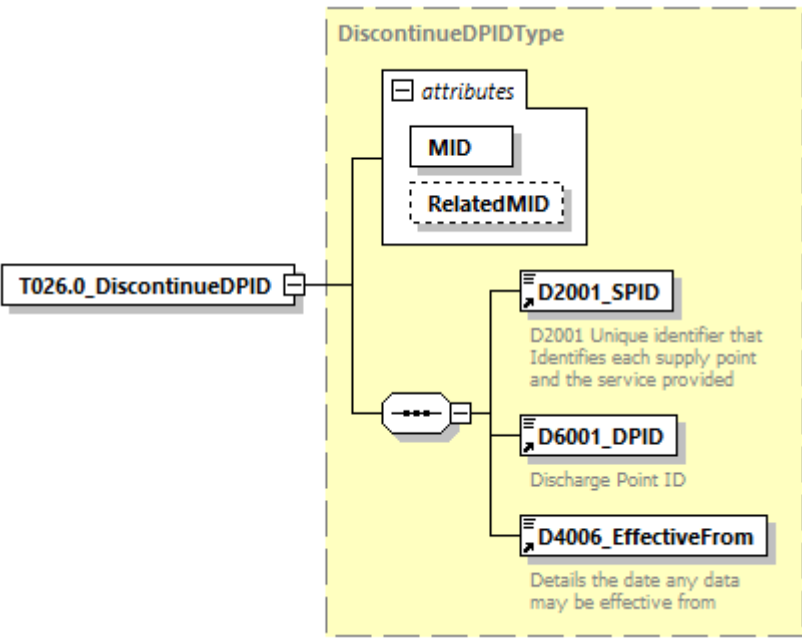
element **MessageType/T024.0_MeterDisAssociations/T024.0_MeterDisAssociation**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	MeterDisAssociationType					
properties	content complex					
children	D2001_SPID D6001_DPID D3001_MeterId D4006_EffectiveFrom					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre> <xs:element name="T024.0_MeterDisAssociation" type="MeterDisAssociationType"/> </pre>					

element **MessagesType/T026.0_DiscontinueDPIDs**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T026.0_DiscontinueDPID
source	<pre> <xs:element name="T026.0_DiscontinueDPIDs"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T026.0_DiscontinueDPID" type="DiscontinueDPIDType"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **MessagesType/T026.0_DiscontinueDPIDs/T026.0_DiscontinueDPID**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	DiscontinueDPIDType					
properties	content complex					
children	D2001_SPID D6001_DPID D4006_EffectiveFrom					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIDType	required			
	RelatedMID	MessageIDType	optional			
source	<pre> <xs:element name="T026.0_DiscontinueDPID" type="DiscontinueDPIDType"/> </pre>					

element **MessagesType/T027.0_DPIDUpdates**

diagram	 The diagram illustrates a sequence container labeled 'T027.0_DPIDUpdates' with a multiplicity of '1..∞'. Inside this container, there is a single element labeled 'T027.0_DPIDUpdate'.
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T027.0_DPIDUpdate
source	<pre> <xs:element name="T027.0_DPIDUpdates"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T027.0_DPIDUpdate" type="DPIDUpdateType"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **MessageType/T027.0_DPIDUpdates/T027.0_DPIDUpdate**

diagram	DPIDUpdateType attributes MID RelatedMID D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D6001_DPID Discharge Point ID D4006_EffectiveFrom Details the date any data may be effective from D6003_CDV TE Availability data: Chargeable Daily Volume m3 D6004_sBODL TE Availability data: Chargeable Settled Biochemical Oxygen Demand load (kg/day) D6005_TSSL TE Availability data: Chargeable Total Suspended Solids load (kg/day) D6009_Non-domesticAllowance Annual volume associated with the foul sewerage for the Discharge Point (m3) D6010_SDTIndicator Seasonal Discharge Tariff Indicator - set as True to apply higher seasonal tariff D6002_TFYVe Trade Effluent Estimated Yearly Volume for a Discharge Point Address D4003_Comment Generic text field for (short) comments and notes related to the transaction D6012_PcentAllowance DPID Percentage Allowance D6013_FixedAllowance DPID Fixed Allowance
namespace	urn:bridgeall-com:cmaservice:data:v3
type	DPIDUpdateType

properties	content complex					
children	D2001 SPID D6001 DPID D4006 EffectiveFrom D6003 CDV D6004 sBODL D6005 TSSL D6009 Non-domesticAllowance D6010 SDTIndicator D6002 TEYVe Address D4003 Comment D6012 PcentAllowance D6013 FixedAllowance					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<xs:element name="T027.0_DPIDUpdate" type="DPIDUpdateType"/>					

element **MessageType/T028.1_Schedule3Updates**

diagram	<pre> sequenceDiagram participant T028.1_Schedule3Updates as T028.1_Schedule3Updates participant T028.1_Schedule3Update as T028.1_Schedule3Update T028.1_Schedule3Updates --> T028.1_Schedule3Update </pre>
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T028.1_Schedule3Update
source	<pre> <xs:element name="T028.1_Schedule3Updates"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T028.1_Schedule3Update" type="Schedule3UpdateType"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **MessagesType/T028.1_Schedule3Updates/T028.1_Schedule3Update**

diagram																			
namespace	urn:bridgeall-com:cmaservice:data:v3																		
type	Schedule3UpdateType																		
properties	content complex																		
children	D2001_SPID D2003_Schedule3 D4006_EffectiveFrom D6001_DPID																		
attributes	<table><thead><tr><th>Name</th><th>Type</th><th>Use</th><th>Default</th><th>Fixed</th><th>Annotation</th></tr></thead><tbody><tr><td>MID</td><td>MessageIdType</td><td>required</td><td></td><td></td><td></td></tr><tr><td>RelatedMID</td><td>MessageIdType</td><td>optional</td><td></td><td></td><td></td></tr></tbody></table>	Name	Type	Use	Default	Fixed	Annotation	MID	MessageIdType	required				RelatedMID	MessageIdType	optional			
Name	Type	Use	Default	Fixed	Annotation														
MID	MessageIdType	required																	
RelatedMID	MessageIdType	optional																	
source	<pre><xs:element name="T028.1_Schedule3Update" type="Schedule3UpdateType"/></pre>																		

element **MessagesType/T029.1_SpecialArrangementsUpdates**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T029.1_SpecialArrangementsUpdate
source	<pre><xs:element name="T029.1_SpecialArrangementsUpdates"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T029.1_SpecialArrangementsUpdate" type="SpecialArrangementsUpdateType"/> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre></xs:complexType> </xs:element></pre>
--	--

element

MessagesType/T029.1_SpecialArrangementsUpdates/T029.1_SpecialArrangementsUpdate

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	SpecialArrangementsUpdateType					
properties	content complex					
children	D2001 SPID D4006 EffectiveFrom D2003 Schedule3 D2006 29e					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T029.1_SpecialArrangementsUpdate" type="SpecialArrangementsUpdateType"/></pre>					

element **MessagesType/T029.3_PremisesSpecialArrangementsUpdates**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
properties	content complex					

children	T029.3_PremisesSpecialArrangementsUpdate
source	<pre> <xs:element name="T029.3_PremisesSpecialArrangementsUpdates"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T029.3_PremisesSpecialArrangementsUpdate" type="PremisesSpecialArrangementsUpdateType"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element

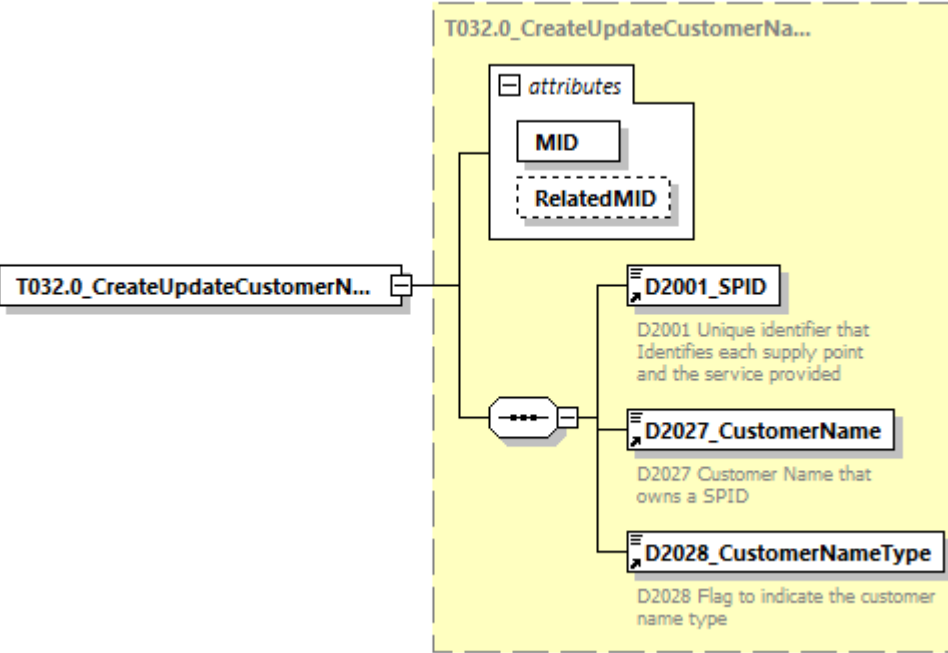
**MessageType/T029.3_PremisesSpecialArrangementsUpdates/T029.3_PremisesSpecialAr
rangementsUpdate**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	PremisesSpecialArrangementsUpdateType					
properties	content complex					
children	D2001_SPID D4006_EffectiveFrom D2004_ExemptCustomerFlag D2041_PcentExemption					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre> <xs:element name="T029.3_PremisesSpecialArrangementsUpdate" type="PremisesSpecialArrangementsUpdateType"/> </pre>					

element **MessageType/T032.0_CreateUpdateCustomerName**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T032.0_CreateUpdateCustomerName
source	<pre> <xs:element name="T032.0_CreateUpdateCustomerName"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T032.0_CreateUpdateCustomerName" type="T032.0_CreateUpdateCustomerNameType"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element
MessageType/T032.0_CreateUpdateCustomerName/T032.0_CreateUpdateCustomerName

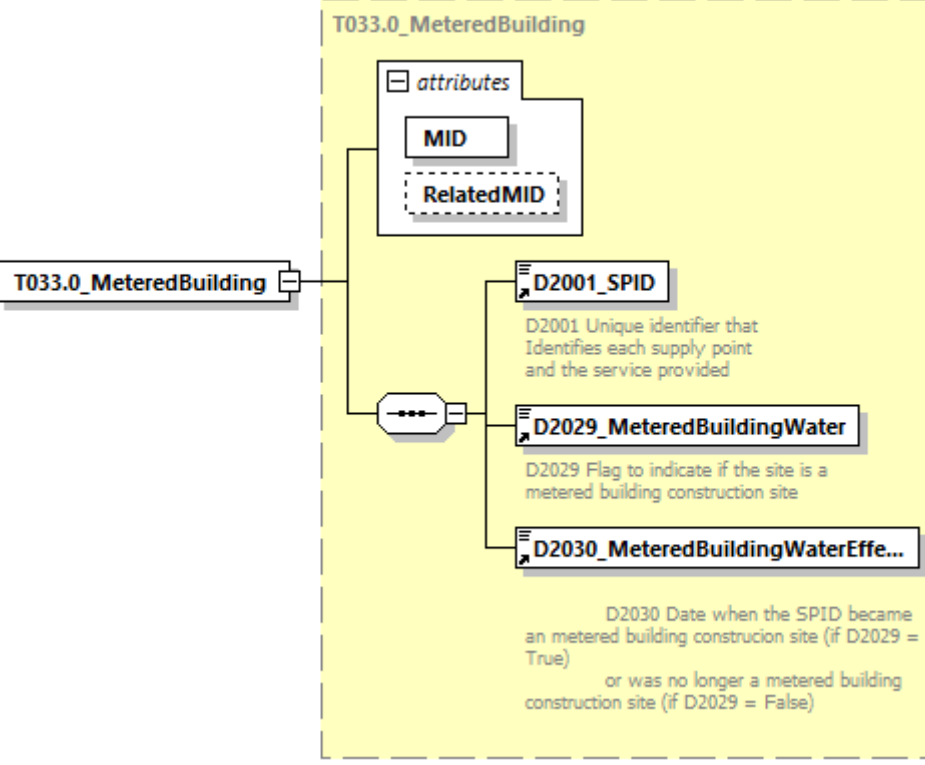
diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	T032.0_CreateUpdateCustomerNameType					
properties	content complex					
children	D2001_SPID D2027_CustomerName D2028_CustomerNameType					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T032.0_CreateUpdateCustomerName"</pre>					

	<code>type="T032.0_CreateUpdateCustomerNameType"/></code>
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element **MessageType/T033.0_MeteredBuildings**

diagram	 The diagram shows a box labeled 'T033.0_MeteredBuildings' connected to a box labeled 'T033.0_MeteredBuilding'. The connection is through a circle with three dots and a '1..∞' cardinality indicator.
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T033.0_MeteredBuilding
source	<pre><xs:element name="T033.0_MeteredBuildings"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T033.0_MeteredBuilding" type="T033.0_MeteredBuilding"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **MessageType/T033.0_MeteredBuildings/T033.0_MeteredBuilding**

diagram	 The diagram shows a box labeled 'T033.0_MeteredBuilding' connected to a larger box labeled 'T033.0_MeteredBuilding' (highlighted in yellow). The connection is through a circle with three dots. Inside the yellow box, there is an 'attributes' section with 'MID' and 'RelatedMID'. Below this, there are three elements: 'D2001_SPID' (with description: 'D2001 Unique identifier that Identifies each supply point and the service provided'), 'D2029_MeteredBuildingWater' (with description: 'D2029 Flag to indicate if the site is a metered building construction site'), and 'D2030_MeteredBuildingWaterEffe...' (with description: 'D2030 Date when the SPID became an metered building construcion site (if D2029 = True) or was no longer a metered building construction site (if D2029 = False)').
namespace	urn:bridgeall-com:cmaservice:data:v3
type	T033.0_MeteredBuilding
properties	content complex
children	D2001_SPID D2029_MeteredBuildingWater D2030_MeteredBuildingWaterEffectiveDate

attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T033.0_MeteredBuilding" type="T033.0_MeteredBuilding"/></pre>					

element **MessagesType/T036.0_MeterNetworkAssociations**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
properties	content complex
children	T036.0_MeterNetworkAssociation
source	<pre><xs:element name="T036.0_MeterNetworkAssociations"> <xs:complexType> <xs:sequence maxOccurs="unbounded"> <xs:element name="T036.0_MeterNetworkAssociation" type="MeterNetworkAssociationType"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element

MessagesType/T036.0_MeterNetworkAssociations/T036.0_MeterNetworkAssociation

diagram	The diagram illustrates the structure of the T036.0_MeterNetworkAssociation message. It is a complex type containing several attributes and data elements. The attributes section includes MID (required) and RelatedMID (optional). The data elements include D2035_MainSPID (SPID for a Main Meter), D3027_MainMeterId (Meter Identification of a Main Meter), D2036_SubSPID (SPID for a Sub-Meter), D3006_SubMeterId (Identifies a meter as a sub-meter), D3026_MeterNetworkAssociation (Flag for association), and D4006_EffectiveFrom (Effective date).					
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	MeterNetworkAssociationType					
properties	content complex					
children	D2035_MainSPID D3027_MainMeterId D2036_SubSPID D3006_SubMeterId D3026_MeterNetworkAssociation D4006_EffectiveFrom					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T036.0_MeterNetworkAssociation" type="MeterNetworkAssociationType"/></pre>					

complexType MeterAddress

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
children	D5001_FreeDescriptor D5002_SubBuildingName D5003_BuildingName D5004_BuildingNumber D5005_DependentThoroughfareName D5006_DependentThoroughfareDescriptor D5007_ThoroughfareName D5008_ThoroughfareDescriptor D5009_DoubleDependentLocality D5010_DependentLocality D5011_PostTown D5012_County D5013_Postcode
used by	elements T004.0 NewMeterType/MeterLocation T004.1 NewMeterNotificationType/MeterLocation MeterUpdateType/MeterLocation MeterUpdateNotificationType/MeterLocation
source	<pre> <xs:complexType name="MeterAddress"> <xs:sequence> <xs:element ref="D5001_FreeDescriptor" minOccurs="0"/> <xs:group ref="AddressGroup"/> </xs:sequence> </xs:complexType> </pre>

complexType **MeterAssociationType**

diagram																			
namespace	urn:bridgeall-com:cmaservice:data:v3																		
type	extension of MessageBody																		
properties	base MessageBody																		
children	D2001_SPID D6001_DPID D3001_MeterId D4006_EffectiveFrom D3024_MDVol																		
used by	elements MessagesType/T023.0 MeterAssociations/T023.0 MeterAssociation ResponseMessagesType/T023.1 MeterAssociationNotification																		
attributes	<table><tr><th>Name</th><th>Type</th><th>Use</th><th>Default</th><th>Fixed</th><th>Annotation</th></tr><tr><td>MID</td><td>MessageIdType</td><td>required</td><td></td><td></td><td></td></tr><tr><td>RelatedMID</td><td>MessageIdType</td><td>optional</td><td></td><td></td><td></td></tr></table>	Name	Type	Use	Default	Fixed	Annotation	MID	MessageIdType	required				RelatedMID	MessageIdType	optional			
Name	Type	Use	Default	Fixed	Annotation														
MID	MessageIdType	required																	
RelatedMID	MessageIdType	optional																	
annotation	documentation																		
source	<pre><xs:complexType name="MeterAssociationType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D6001_DPID"/> <xs:element ref="D3001_MeterId"/> <xs:element ref="D4006_EffectiveFrom"/> <xs:element ref="D3024_MDVol"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre>																		

	<pre> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>
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complexType **MeterDisAssociationType**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D6001_DPID D3001_MeterId D4006_EffectiveFrom					
used by	elements MessagesType/T024.0 MeterDisAssociations/T024.0 MeterDisAssociation ResponseMessagesType/T024.1 MeterDisAssociationNotification					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="MeterDisAssociationType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D6001_DPID"/> <xs:element ref="D3001_MeterId"/> </pre>					

	<pre> <xs:element ref="D4006_EffectiveFrom"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>
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complexType **MeterNetworkAssociationDeletionType**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2035_MainSPID D3027_MainMeterId D2036_SubSPID D3006_SubMeterId					
used by	element ResponseMessagesType/T036.2_MeterNetworkAssociationDeletionNotification					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageldType	required			
	RelatedMID	MessageldType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="MeterNetworkAssociationDeletionType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> </pre>					

	<pre> <xs:element ref="D2035_MainSPID"/> <xs:element ref="D3027_MainMeterId"/> <xs:element ref="D2036_SubSPID" minOccurs="0"/> <xs:element ref="D3006_SubMeterId"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>
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complexType **MeterNetworkAssociationType**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2035_MainSPID D3027_MainMeterId D2036_SubSPID D3006_SubMeterId D3026_MeterNetworkAssociation D4006_EffectiveFrom					
used by	elements	MessagesType/T036.0_MeterNetworkAssociations/T036.0_MeterNetworkAssociation on ResponseMessagesType/T036.1_MeterNetworkAssociationNotification				
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			

	RelatedMID MessageIdType optional
annotation	documentation
source	<pre> <xs:complexType name="MeterNetworkAssociationType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2035_MainSPID"/> <xs:element ref="D3027_MainMeterId"/> <xs:element ref="D2036_SubSPID" minOccurs="0"/> <xs:element ref="D3006_SubMeterId"/> <xs:element ref="D3026_MeterNetworkAssociation"/> <xs:element ref="D4006_EffectiveFrom"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>

complexType **MeterReadNotificationType**

diagram	MeterReadNotificationType MessageBody (extension) attributes MID RelatedMID D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D3001_MeterId Meter Identification (e.g. manufacturers serial number) D3008_MeterRead Register read from a meter D3009_MeterReadDate Date meter was read D3010_MeterReadType The type of meter reading (e.g. opening, closing, cyclic) D3028_SReadReasonCode Reason code for the S read D3029_SReadRemedialWorkIndica... The flag indicates whether, or not, the Incoming LP has initiated remedial work to remove the reason for the S read to be required D3012_ReRead Flag to indicate if this read is a re-read D3021_Rollover_Flag The flag indicates whether the meter read was a rollover or not
namespace	urn:bridgeall-com:cmaservice:data:v3
type	extension of MessageBody
properties	base MessageBody
children	D2001_SPID D3001_MeterId D3008_MeterRead D3009_MeterReadDate D3010_MeterReadType D3028_SReadReasonCode D3029_SReadRemedialWorkIndicator D3012_ReRead D3021_Rollover_Flag
used by	elements ResponseMessagesType/T005.2_MeterReadNotification ResponseMessagesType/T005.3_MeterReadNotification

attributes	Name MID RelatedMID	Type MessageIdType MessageIdType	Use required optional	Default	Fixed	Annotation
annotation	documentation					
source	<pre> <xs:complexType name="MeterReadNotificationType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID" minOccurs="0"/> <xs:element ref="D3001_MeterId"/> <xs:element ref="D3008_MeterRead"/> <xs:element ref="D3009_MeterReadDate"/> <xs:element ref="D3010_MeterReadType"/> <xs:element ref="D3028_SReadReasonCode" minOccurs="0"/> <xs:element ref="D3029_SReadRemedialWorkIndicator" minOccurs="0"/> <xs:element ref="D3012_ReRead" minOccurs="0"/> <xs:element ref="D3021_Rollover_Flag" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

complexType **MeterReadType**

diagram	MeterReadType MessageBody (extension) attributes MID (required) RelatedMID (optional) Elements: D2001_SPID: Unique identifier that identifies each supply point and the service provided D3001_MeterId: Meter Identification (e.g. manufacturers serial number) D3008_MeterRead: Register read from a meter D3009_MeterReadDate: Date meter was read D3010_MeterReadType: The type of meter reading (e.g. opening, closing, cyclic) D3028_SReadReasonCode: Reason code for the S read D3029_SReadRemedialWorkIndica...: The flag indicates whether, or not, the Incoming LP has initiated remedial work to remove the reason for the S read to be required D3012_ReRead: Flag to indicate if this read is a re-read D3020_Rollover_Indicator: Sets a flag to signify if the read being sent in has rolled over					
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D3001_MeterId D3008_MeterRead D3009_MeterReadDate D3010_MeterReadType D3028_SReadReasonCode D3029_SReadRemedialWorkIndicator D3012_ReRead D3020_Rollover_Indicator					
used by	element MessagesType/T005.0 SWMeterReads/T005.0 SWMeterRead					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			

annotation	documentation
source	<pre> <xs:complexType name="MeterReadType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID" minOccurs="0"/> <xs:element ref="D3001_MeterId"/> <xs:element ref="D3008_MeterRead"/> <xs:element ref="D3009_MeterReadDate"/> <xs:element ref="D3010_MeterReadType"/> <xs:element ref="D3028_SReadReasonCode" minOccurs="0"/> <xs:element ref="D3029_SReadRemedialWorkIndicator" minOccurs="0"/> <xs:element ref="D3012_ReRead" minOccurs="0"/> <xs:element ref="D3020_Rollover_Indicator" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>

complexType **MeterSWAPDetailsNotificationType**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
children	D3001_MeterId D3008_MeterRead D3009_MeterReadDate D3010_MeterReadType D3021_Rollover_Flag
used by	elements MeterSwapNotificationType/NewMeter MeterSwapNotificationType/OldMeter
source	<pre> <xs:complexType name="MeterSWAPDetailsNotificationType"> <xs:sequence> <xs:element ref="D3001_MeterId"/> </pre>

	<pre> <xs:element ref="D3008_MeterRead"/> <xs:element ref="D3009_MeterReadDate"/> <xs:element ref="D3010_MeterReadType"/> <xs:element ref="D3021_Rollover_Flag" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>
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complexType **MeterSWAPDetailsType**

diagram	<pre> classDiagram class MeterSWAPDetailsType { D3001_MeterId D3008_MeterRead D3009_MeterReadDate D3010_MeterReadType D3020_Rollover_Indicator } class D3001_MeterId { Meter Identification (e.g. manufacturers serial number) } class D3008_MeterRead { Register read from a meter } class D3009_MeterReadDate { Date meter was read } class D3010_MeterReadType { The type of meter reading (e.g. opening, closing, cyclic) } class D3020_Rollover_Indicator { Sets a flag to signify if the read being sent in has rolled over } MeterSWAPDetailsType --> D3001_MeterId MeterSWAPDetailsType --> D3008_MeterRead MeterSWAPDetailsType --> D3009_MeterReadDate MeterSWAPDetailsType --> D3010_MeterReadType MeterSWAPDetailsType --> D3020_Rollover_Indicator </pre>
namespace	urn:bridgeall-com:cmaservice:data:v3
children	D3001_MeterId D3008_MeterRead D3009_MeterReadDate D3010_MeterReadType D3020_Rollover_Indicator
used by	elements MeterSwapType/NewMeter MeterSwapType/OldMeter
source	<pre> <xs:complexType name="MeterSWAPDetailsType"> <xs:sequence> <xs:element ref="D3001_MeterId"/> <xs:element ref="D3008_MeterRead"/> <xs:element ref="D3009_MeterReadDate"/> <xs:element ref="D3010_MeterReadType"/> <xs:element ref="D3020_Rollover_Indicator" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

complexType MeterSwapNotificationType

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID NewMeter OldMeter D3012_ReRead					
used by	element ResponseMessagesType/T017.1 MeterSwapNotification					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="MeterSwapNotificationType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID" minOccurs="0"/> <xs:element name="NewMeter" type="MeterSWAPDetailsNotificationType"/> <xs:element name="OldMeter" type="MeterSWAPDetailsNotificationType"/> <xs:element ref="D3012_ReRead"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

element **MeterSwapNotificationType/NewMeter**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	MeterSWAPDetailsNotificationType
properties	content complex
children	D3001_MeterId D3008_MeterRead D3009_MeterReadDate D3010_MeterReadType D3021_Rollover_Flag
source	<pre><xs:element name="NewMeter" type="MeterSWAPDetailsNotificationType"/></pre>

element **MeterSwapNotificationType/OldMeter**

diagram	
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namespace	urn:bridgeall-com:cmaservice:data:v3
type	MeterSWAPDetailsNotificationType
properties	content complex
children	D3001 MeterId D3008 MeterRead D3009 MeterReadDate D3010 MeterReadType D3021 Rollover Flag
source	<pre><xs:element name="OldMeter" type="MeterSWAPDetailsNotificationType"/></pre>

complexType **MeterSwapType**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID NewMeter OldMeter D3012_ReRead					
used by	element MessagesType/T017.0 MeterSwaps/T017.0 MeterSwap					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre><xs:complexType name="MeterSwapType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID" minOccurs="0"/> </pre>					

	<pre> <xs:element name="NewMeter" type="MeterSWAPDetailsType"/> <xs:element name="OldMeter" type="MeterSWAPDetailsType"/> <xs:element ref="D3012_ReRead"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>
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element **MeterSwapType/NewMeter**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	MeterSWAPDetailsType
properties	content complex
children	D3001_MeterId D3008_MeterRead D3009_MeterReadDate D3010_MeterReadType D3020_Rollover_Indicator
source	<pre><xs:element name="NewMeter" type="MeterSWAPDetailsType"/></pre>

element **MeterSwapType/OldMeter**

diagram	The diagram illustrates the structure of the OldMeter element. It is a container for a complex content type, MeterSWAPDetailsType. This content type contains five child elements: D3001_MeterId: Meter Identification (e.g., manufacturers serial number) D3008_MeterRead: Register read from a meter D3009_MeterReadDate: Date meter was read D3010_MeterReadType: The type of meter reading (e.g., opening, closing, cyclic) D3020_Rollover_Indicator: Sets a flag to signify if the read being sent in has rolled over
namespace	urn:bridgeall-com:cmaservice:data:v3
type	MeterSWAPDetailsType
properties	content complex
children	D3001_MeterId D3008_MeterRead D3009_MeterReadDate D3010_MeterReadType D3020_Rollover_Indicator
source	<code><xs:element name="OldMeter" type="MeterSWAPDetailsType"/></code>

complexType MeterUpdateNotificationType

diagram	MeterUpdateNotificationType MessageBody (extension) attributes MID RelatedMID D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D3001_MeterId Meter Identification (e.g. manufacturers serial number) MeterLocation D3011_MeterReadFrequency The frequency that the LP must read a meter D4003_Comment Generic text field for (short) comments and notes related to the transaction D3013_MeterMake Meter Make D3014_ManufacturerMeterSerialNr Meter Serial Number D3003_PhysicalMeterSize Actual size of a meter (mm) D3004_NrDigits The number of digits on the meter register D3015_datalogger_SW Specifies the presence of a Scottish Water datalogger D3016_datalogger_NonSW Specifies the presence of a non Scottish Water datalogger D3017_GISX Specifies the X coordinate of the location of the meter D3018_GISY Specifies the Y coordinate of the location of the meter D3019_GISZFreeDescriptor Specifies the Z Free Descriptor of the location of the meter
namespace	urn:bridgeall-com:cmaservice:data:v3
type	extension of MessageBody

properties	base MessageBody					
children	D2001_SPID D3001_MeterId MeterLocation D3011_MeterReadFrequency D4003_Comment D3013_MeterMake D3014_ManufacturerMeterSerialNr D3003_PhysicalMeterSize D3004_NrDigits D3015_datalogger_SW D3016_datalogger_NonSW D3017_GISX D3018_GISY D3019_GISZFreeDescriptor					
used by	element	ResponseMessagesType/T013.1_MeterUpdate				
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="MeterUpdateNotificationType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID" minOccurs="0"/> <xs:element ref="D3001_MeterId"/> <xs:element name="MeterLocation" type="MeterAddress" minOccurs="0"/> <xs:element ref="D3011_MeterReadFrequency" minOccurs="0"/> <xs:element ref="D4003_Comment" minOccurs="0"/> <xs:element ref="D3013_MeterMake" minOccurs="0"/> <xs:element ref="D3014_ManufacturerMeterSerialNr" minOccurs="0"/> <xs:element ref="D3003_PhysicalMeterSize" minOccurs="0"/> <xs:element ref="D3004_NrDigits" minOccurs="0"/> <xs:element ref="D3015_datalogger_SW" minOccurs="0"/> <xs:element ref="D3016_datalogger_NonSW" minOccurs="0"/> <xs:element ref="D3017_GISX" minOccurs="0"/> <xs:element ref="D3018_GISY" minOccurs="0"/> <xs:element ref="D3019_GISZFreeDescriptor" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

element **MeterUpdateNotificationType/MeterLocation**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	MeterAddress
properties	minOcc 0 maxOcc 1 content complex
children	D5001_FreeDescriptor D5002_SubBuildingName D5003_BuildingName D5004_BuildingNumber D5005_DependentThoroughfareName D5006_DependentThoroughfareDescriptor D5007_ThoroughfareName D5008_ThoroughfareDescriptor D5009_DoubleDependentLocality D5010_DependentLocality D5011_PostTown D5012_County D5013_Postcode
source	<pre><xs:element name="MeterLocation" type="MeterAddress" minOccurs="0"/></pre>

complexType **MeterUpdateType**

diagram	<pre> xsd:complexType base="MessageBody" name="MeterUpdateType"> <xsd:extension base="MessageBody"></xsd:extension> <xsd:sequence> <xsd:element name="D2001_SPID" type="string"></xsd:element> <xsd:element name="D3001_MeterId" type="string"></xsd:element> <xsd:element name="MeterLocation" type="string"></xsd:element> <xsd:element name="D3011_MeterReadFrequency" type="string"></xsd:element> <xsd:element name="D4003_Comment" type="string"></xsd:element> <xsd:element name="D3013_MeterMake" type="string"></xsd:element> <xsd:element name="D3014_ManufacturerMeterSerialNr" type="string"></xsd:element> <xsd:element name="D3003_PhysicalMeterSize" type="string"></xsd:element> <xsd:element name="D3004_NrDigits" type="string"></xsd:element> <xsd:element name="D3015_datalogger_SW" type="string"></xsd:element> <xsd:element name="D3016_datalogger_NonSW" type="string"></xsd:element> <xsd:element name="D3017_GISX" type="string"></xsd:element> <xsd:element name="D3018_GISY" type="string"></xsd:element> </xsd:sequence> </pre> MeterUpdateType MessageBody (extension) attributes MID RelatedMID D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D3001_MeterId Meter Identification (e.g. manufacturers serial number) MeterLocation D3011_MeterReadFrequency The frequency that the LP must read a meter D4003_Comment Generic text field for (short) comments and notes related to the transaction D3013_MeterMake Meter Make D3014_ManufacturerMeterSerialNr Meter Serial Number D3003_PhysicalMeterSize Actual size of a meter (mm) D3004_NrDigits The number of digits on the meter register D3015_datalogger_SW Specifies the presence of a Scottish Water datalogger D3016_datalogger_NonSW Specifies the presence of a non Scottish Water datalogger D3017_GISX Specifies the X coordinate of the location of the meter D3018_GISY Specifies the Y coordinate of the location of the meter
namespace	urn:bridgeall-com:cmaservice:data:v3
type	extension of MessageBody

properties	base MessageBody					
children	D2001_SPID D3001_MeterId MeterLocation D3011_MeterReadFrequency D4003_Comment D3013_MeterMake D3014_ManufacturerMeterSerialNr D3003_PhysicalMeterSize D3004_NrDigits D3015_datalogger_SW D3016_datalogger_NonSW D3017_GISX D3018_GISY					
used by	element MessagesType/T013.0_MeterUpdates/T013.0_MeterUpdate					
attributes	Name MID RelatedMID	Type MessageIdType MessageIdType	Use required optional	Default	Fixed	Annotation
annotation	documentation					
source	<pre> <xs:complexType name="MeterUpdateType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID" minOccurs="0"/> <xs:element ref="D3001_MeterId"/> <xs:element name="MeterLocation" type="MeterAddress"/> <xs:element ref="D3011_MeterReadFrequency" minOccurs="0"/> <xs:element ref="D4003_Comment" minOccurs="0"/> <xs:element ref="D3013_MeterMake" minOccurs="0"/> <xs:element ref="D3014_ManufacturerMeterSerialNr" minOccurs="0"/> <xs:element ref="D3003_PhysicalMeterSize" minOccurs="0"/> <xs:element ref="D3004_NrDigits" minOccurs="0"/> <xs:element ref="D3015_datalogger_SW" minOccurs="0"/> <xs:element ref="D3016_datalogger_NonSW" minOccurs="0"/> <xs:element ref="D3017_GISX" minOccurs="0"/> <xs:element ref="D3018_GISY" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

element **MeterUpdateType/MeterLocation**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	MeterAddress
properties	content complex
children	D5001_FreeDescriptor D5002_SubBuildingName D5003_BuildingName D5004_BuildingNumber D5005_DependentThoroughfareName D5006_DependentThoroughfareDescriptor D5007_ThoroughfareName D5008_ThoroughfareDescriptor D5009_DoubleDependentLocality D5010_DependentLocality D5011_PostTown D5012_County D5013_Postcode
source	<xs:element name="MeterLocation" type="MeterAddress"/>

complexType **NewLPSPIDNotificationType**

diagram	NewLPSPIDNotificationType MessageBody (extension) attributes MID (required) RelatedMID (optional) Choice of elements: D2001_SPID (required): D2001 Unique identifier that Identifies each supply point and the service provided Address (required) UARNDData (optional) UPRNDData (optional) D2009_SWConnectionRef (required): D2009 Unique Reference wholesaler uses to identify new connections under installation D2043_LPConnectionRef (optional): Unique reference that a Licenced Provider uses to identify new connections under installation D2023_NewConnectionType (required) D2034_AllocationMethod (required): Allocation Method of the new connection					
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID Address UARNDData UPRNDData D2009_SWConnectionRef D2043_LPConnectionRef D2023_NewConnectionType D2034_AllocationMethod					
used by	element ResponseMessagesType/T002.0 NewSPIDNotification					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageldType	required			
	RelatedMID	MessageldType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="NewLPSPIDNotificationType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> </xs:complexType> </pre>					

	<pre> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element name="Address" type="AddressType"/> <xs:element name="UARNDData" type="UARNTYPE" minOccurs="0"/> <xs:element name="UPRNDData" type="UPRNTYPE" minOccurs="0"/> <xs:element ref="D2009_SWConnectionRef"/> <xs:element ref="D2043_LPConnectionRef" minOccurs="0"/> <xs:element ref="D2023_NewConnectionType"/> <xs:element ref="D2034_AllocationMethod"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>
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element **NewLPSPIDNotificationType/Address**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	AddressType
properties	content complex
children	D5002_SubBuildingName D5003_BuildingName D5004_BuildingNumber D5005_DependentThoroughfareName D5006_DependentThoroughfareDescriptor D5007_ThoroughfareName D5008_ThoroughfareDescriptor D5009_DoubleDependentLocality D5010_DependentLocality D5011_PostTown D5012_County D5013_Postcode

	D5010 DependentLocality D5011 PostTown D5012 County D5013 Postcode
source	<code><xs:element name="Address" type="AddressType"/></code>

element **NewLPSPIDNotificationType/UARNDData**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	UARNTYPE
properties	minOcc 0 maxOcc 1 content complex
children	D2037 SAAReferenceNumber D2052 SAAClass D2053 SAACoreDescription D2038 SAAReferenceNumberAbsenceCode
source	<code><xs:element name="UARNDData" type="UARNTYPE" minOccurs="0"/></code>

element **NewLPSPIDNotificationType/UPRNDData**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	UPRNTYPE
properties	minOcc 0 maxOcc 1 content complex
children	D2039 UPRN D2040 UPRNAbsenceCode
source	<code><xs:element name="UPRNDData" type="UPRNTYPE" minOccurs="0"/></code>

complexType **NewSPIDNotificationType**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID Address UARNDData UPRNDData D2009_SWConnectionRef D2043_LPConnectionRef D2023_NewConnectionType D2034_AllocationMethod D4001_OrgId					
used by	element ResponseMessagesType/T002.1 NewSPIDNotification					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<xs:complexType name="NewSPIDNotificationType">					

	<pre> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element name="Address" type="AddressType"/> <xs:element name="UARNDData" type="UARNTYPE" minOccurs="0"/> <xs:element name="UPRNDData" type="UPRNTYPE" minOccurs="0"/> <xs:element ref="D2009_SWConnectionRef"/> <xs:element ref="D2043_LPConnectionRef" minOccurs="0"/> <xs:element ref="D2023_NewConnectionType"/> <xs:element ref="D2034_AllocationMethod"/> <xs:element ref="D4001_OrgId"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>
--	--

element **NewSPIDNotificationType/Address**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	AddressType

properties	content complex
children	D5002 SubBuildingName D5003 BuildingName D5004 BuildingNumber D5005 DependentThoroughfareName D5006 DependentThoroughfareDescriptor D5007 ThoroughfareName D5008 ThoroughfareDescriptor D5009 DoubleDependentLocality D5010 DependentLocality D5011 PostTown D5012 County D5013 Postcode
source	<code><xs:element name="Address" type="AddressType"/></code>

element **NewSPIDNotificationType/UARNDData**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	UARNTType
properties	minOcc 0 maxOcc 1 content complex
children	D2037 SAAReferenceNumber D2052 SAAClass D2053 SAACoreDescription D2038 SAAReferenceNumberAbsenceCode
source	<code><xs:element name="UARNDData" type="UARNTType" minOccurs="0"/></code>

element **NewSPIDNotificationType/UPRNDData**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	UPRNTType
properties	minOcc 0 maxOcc 1 content complex
children	D2039 UPRN D2040 UPRNAbsenceCode

source	<code><xs:element name="UPRNDData" type="UPRNTType" minOccurs="0"/></code>
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complexType NewSPIDRequestType

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D2009_SWConnectionRef D2043_LPConnectionRef D4001_OrgId D2002_ServiceCategory SPIDLocation D2023_NewConnectionType UARNDData UPRNDData					
used by	element MessagesType/T001.0 NewSPIDRequests/T001.0 NewSPIDRequest					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageldType	required			
	RelatedMID	MessageldType	optional			
annotation	documentation					

source	<pre> <xs:complexType name="NewSPIDRequestType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID" minOccurs="0"/> <xs:element ref="D2009_SWConnectionRef"/> <xs:element ref="D2043_LPConnectionRef" minOccurs="0"/> <xs:element ref="D4001_OrgId" minOccurs="0"/> <xs:element name="D2002_ServiceCategory" type="ServiceCategoryType"/> <xs:element name="SPIDLocation" type="AddressType"/> <xs:element ref="D2023_NewConnectionType"/> <xs:element name="UARNDData" type="UARNTYPE" minOccurs="0"/> <xs:element name="UPRNDData" type="UPRNTYPE" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>

element **NewSPIDRequestType/D2002_ServiceCategory**

diagram										
namespace	urn:bridgeall-com:cmaservice:data:v3									
type	ServiceCategoryType									
properties	content simple									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>01</td><td></td></tr><tr><td>enumeration</td><td>02</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	01		enumeration	02	
Kind	Value	Annotation								
enumeration	01									
enumeration	02									
source	<pre><xs:element name="D2002_ServiceCategory" type="ServiceCategoryType"/></pre>									

element **NewSPIDRequestType/SPIDLocation**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	AddressType
properties	content complex
children	D5002_SubBuildingName D5003_BuildingName D5004_BuildingNumber D5005_DependentThoroughfareName D5006_DependentThoroughfareDescriptor D5007_ThoroughfareName D5008_ThoroughfareDescriptor D5009_DoubleDependentLocality D5010_DependentLocality D5011_PostTown D5012_County D5013_Postcode
source	<xs:element name="SPIDLocation" type="AddressType"/>

element **NewSPIDRequestType/UARNData**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	UARNTYPE
properties	minOcc 0 maxOcc 1 content complex
children	D2037_SAAReferenceNumber D2052_SAAClass D2053_SAACoreDescription D2038_SAAReferenceNumberAbsenceCode
source	<code><xs:element name="UARNData" type="UARNTYPE" minOccurs="0"/></code>

element **NewSPIDRequestType/UPRNData**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	UPRNTYPE
properties	minOcc 0 maxOcc 1 content complex
children	D2039_UPRN D2040_UPRNAbsenceCode
source	<code><xs:element name="UPRNData" type="UPRNTYPE" minOccurs="0"/></code>

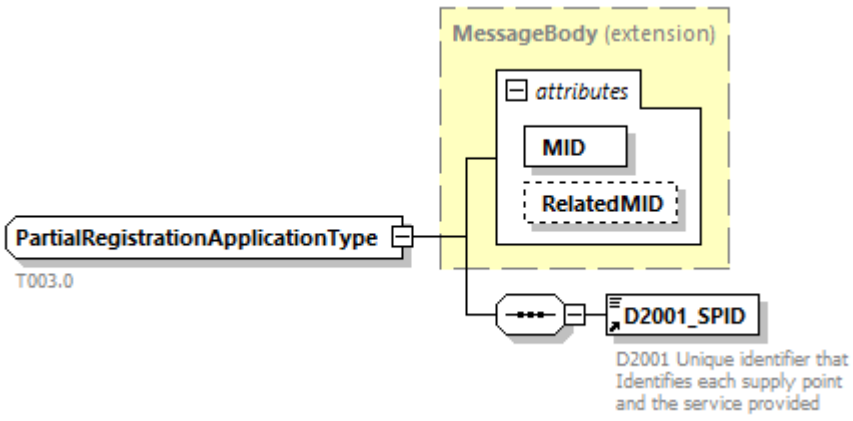
complexType NotificationType

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D1008_DataItemRef D4004_ReturnCode D2001_SPID					
used by	elements ResponseMessageType/T009.0 Notification ResponseMessageType/T009.1 Notification MessagesType/T009.2 Notifications/T009.2 Notification					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="NotificationType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D1008_DataItemRef" minOccurs="0"/> <xs:element ref="D4004_ReturnCode"/> <xs:element ref="D2001_SPID" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

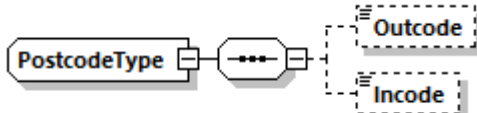
complexType **NotifyRSDType**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D4001_OrgId D4002_RegistrationStartDate					
used by	element ResponseMessagesType/T008.2 NotifyRSD					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre> <xs:complexType name="NotifyRSDType"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D4001_OrgId"/> <xs:element ref="D4002_RegistrationStartDate"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

complexType **PartialRegistrationApplicationType**

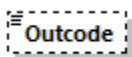
diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID					
used by	element	MessagesType/T003.0 PartialRegistrationApplications/T003.0 PartialRegistrationApplication				
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation T003.0					
source	<pre> <xs:complexType name="PartialRegistrationApplicationType"> <xs:annotation> <xs:documentation>T003.0</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

complexType **PostcodeType**

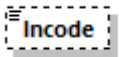
diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
children	Outcode Incode
used by	element AddressGroup/D5013 Postcode
source	<xs:complexType name="PostcodeType">

	<pre> <xs:sequence> <xs:element name="Outcode" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="4"/> <xs:whiteSpace value="preserve"/> <xs:pattern value="([A-Z] [0-9])*"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Incode" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="3"/> <xs:whiteSpace value="preserve"/> <xs:pattern value="([A-Z] [0-9])*"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </pre>
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element **PostcodeType/Outcode**

diagram			
namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:string		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	maxLength	4	
	whiteSpace	preserve	
	pattern	([A-Z] [0-9])*	
source	<pre><xs:element name="Outcode" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="4"/> <xs:whiteSpace value="preserve"/> <xs:pattern value="([A-Z] [0-9])*"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **PostcodeType/Incode**

diagram			
namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:string		
properties	minOcc	0	
	maxOcc	1	

	content simple
facets	Kind Value Annotation
	maxLength 3
	whiteSpace preserve
	pattern ([A-Z] [0-9])*
source	<pre> <xs:element name="Incode" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="3"/> <xs:whiteSpace value="preserve"/> <xs:pattern value="([A-Z] [0-9])+"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

complexType PremisesSpecialArrangementsUpdateNotificationType

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D4006_EffectiveFrom D2004_ExemptCustomerFlag D2041_PcentExemption					
used by	element	ResponseMessageType/T029.4 PremisesSpecialArrangementsUpdateNotification				
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID RelatedMID	MessageIdType MessageIdType	required optional			
annotation	documentation					

source	<pre> <xs:complexType name="PremisesSpecialArrangementsUpdateNotificationType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D4006_EffectiveFrom"/> <xs:element ref="D2004_ExemptCustomerFlag" minOccurs="0"/> <xs:element ref="D2041_PcentExemption" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>

complexType **PremisesSpecialArrangementsUpdateType**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	extension of MessageBody
properties	base MessageBody
children	D2001_SPID D4006_EffectiveFrom D2004_ExemptCustomerFlag D2041_PcentExemption

used by	MessagesType/T029.3 PremisesSpecialArrangementsUpdates/T029.3 PremisesSpecialArrangementsUpdate					
attributes	Name MID RelatedMID	Type MessageIdType MessageIdType	Use required optional	Default	Fixed	Annotation
annotation	documentation					
source	<pre> <xs:complexType name="PremisesSpecialArrangementsUpdateType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D4006_EffectiveFrom"/> <xs:element ref="D2004_ExemptCustomerFlag" minOccurs="0"/> <xs:element ref="D2041_PcentExemption" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

complexType **RegistrationStartType**

diagram	RegistrationStartType MessageBody (extension) attributes MID (required) RelatedMID (optional) D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D4002_RegistrationStartDate D4002 Date SPID becomes registered to a Licensed Provider D4019_TransferReasonCode Used at Transfer Registration to specify a reason for the transfer D4003_Comment Generic text field for (short) comments and notes related to the transaction D2049_ProspectiveCustomer Used at Transfer Registration to identify the prospective customer (in the same format as for a Customer Name) where the reason for transfer is 'New Customer'. D2050_ProspectiveCustomerOccu... Used when a prospective customer is provided at Transfer Registration and identifies the date when such prospective customer is anticipated to have occupied the identified premises.					
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D4002_RegistrationStartDate D4019_TransferReasonCode D4003_Comment D2049_ProspectiveCustomer D2050_ProspectiveCustomerOccupancyDate					
used by	element ResponseMessagesType/T008.1 RegistrationConfirmation					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:complexType name="RegistrationStartType"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:complexType></pre>					

	<pre> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D4002_RegistrationStartDate"/> <xs:element ref="D4019_TransferReasonCode"/> <xs:element ref="D4003_Comment" minOccurs="0"/> <xs:element ref="D2049_ProspectiveCustomer" minOccurs="0"/> <xs:element ref="D2050_ProspectiveCustomerOccupancyDate" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>
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complexType **ResponseMessagesType**

diagram	The diagram illustrates the structure of the ResponseMessagesType complex type. It is a sequence of 44 message types, each represented by a box with a small icon. The messages are listed in a single column, starting from T002.0_NewSPIDNotification at the top and ending with T036.2_MeterNetworkAssociatio... at the bottom. A connector box on the left indicates a sequence of 1 to infinity (1..∞) instances of these messages.
namespace	urn:bridgeall-com:cmaservice:data:v3
children	T002.0 NewSPIDNotification T002.1 NewSPIDNotification T004.1 NewMeterNotification T005.2 MeterReadNotification T005.3 MeterReadNotification T006.4 WaterSPIDNotification

	T006.5 SewerageSPIDNotification T006.7 ProvideLiveRateableValueNotification T006.8 NotifySPIDDataNotification T007.2 ConnectionCompleteNotification T008.0 TerminationNotification T008.1 RegistrationConfirmation T008.2 NotifyRSD T009.0 Notification T009.1 Notification T009.4 Notification T011.0 CancelRegistrationNotificationIncoming T011.1 CancelRegistrationNotificationOutgoing T012.2 VacancyUpdateNotification T012.4 SewerageServiceElementUpdateNotification T012.6 UpdateSAAResponseNumberUPRNNNotification T012.8 UpdateLiveRateableValueNotification T012.9 NotifySPIDDataNotification T012.11 NotifySPIDVariableDataNotification T013.1 MeterUpdate T013.3 UpdateMeterLocationNotification T014.1 MeterUpdateNotification T015.1 SPIDStatusUpdateNotification T015.3 BackdatedSPIDStatusUpdateNotification T016.1 UnmeasurableNotification T017.1 MeterSwapNotification T019.0 WaterSPIDData T020.0 SewerageSPIDData T021.1 DPIDNotification T022.1 TEUpdateNotification T023.1 MeterAssociationNotification T024.1 MeterDisAssociationNotification T026.1 DiscontinueDPIDNotification T027.1 DPIDUpdateNotification T028.0 Schedule3UpdateNotification T029.0 SpecialArrangementsUpdateNotification T029.4 PremisesSpecialArrangementsUpdateNotification T030.0 DPMeterReadNotification T030.1 DPMeterReadNotification T032.1 CustomerNameUpdated T032.2 CustomerNameUpdatedNotification T033.1 MeteredBuildingUpdate T035.0 TradeabilityNotification T035.1 TradeabilityNotification T036.1 MeterNetworkAssociationNotification T036.2 MeterNetworkAssociationDeletionNotification
used by	element ResponseMessages
source	<pre> <xs:complexType name="ResponseMessagesType"> <xs:sequence> <xs:choice maxOccurs="unbounded"> <xs:element name="T002.0_NewSPIDNotification" type="NewLPSPIDNotificationType"/> <xs:element name="T002.1_NewSPIDNotification" type="NewSPIDNotificationType"/> <xs:element name="T004.1_NewMeterNotification" type="T004.1_NewMeterNotificationType"/> <xs:element name="T005.2_MeterReadNotification" type="MeterReadNotificationType"/> <xs:element name="T005.3_MeterReadNotification" type="MeterReadNotificationType"/> <xs:element name="T006.4_WaterSPIDNotification" type="T006.4_WaterSPIDNotificationType"/> <xs:element name="T006.5_SewerageSPIDNotification" type="T006.5_SewerageSPIDNotificationType"/> <xs:element name="T006.7_ProvideLiveRateableValueNotification" type="T006.7_ProvideLiveRateableValueNotificationType"/> <xs:element name="T006.8_NotifySPIDDataNotification" type="T006.8_NotifySPIDDataType"/> <xs:element name="T007.2_ConnectionCompleteNotification" type="ConnectionCompleteType"/> <xs:element name="T008.0_TerminationNotification" type="TerminationNotificationType"/> <xs:element name="T008.1_RegistrationConfirmation" type="RegistrationStartType"/> <xs:element name="T008.2_NotifyRSD" type="NotifyRSDType"/> <xs:element name="T009.0_Notification" type="NotificationType"/> <xs:element name="T009.1_Notification" type="NotificationType"/> <xs:element name="T009.4_Notification" type="T009.4_NotificationType"/> </pre>

	<pre> <xs:element name="T011.0_CancelRegistrationNotificationIncoming" type="CancelRegistrationNotificationType"/> <xs:element name="T011.1_CancelRegistrationNotificationOutgoing" type="CancelRegistrationNotificationOutType"/> <xs:element name="T012.2_VacancyUpdateNotification" type="ServiceElementUpdateNotificationType"/> <xs:element name="T012.4_SewerageServiceElementUpdateNotification" type="SewerageServiceElementUpdateNotificationType"/> <xs:element name="T012.6_UpdateSAAReferenceNumberUPRNNotification" type="UpdateSAAReferenceNumberUPRNNotificationType"/> <xs:element name="T012.8_UpdateLiveRateableValueNotification" type="T012.8_UpdateLiveRateableValueNotificationType"/> <xs:element name="T012.9_NotifySPIDDataNotification" type="T012.9_NotifySPIDDataNotificationType"/> <xs:element name="T012.11_NotifySPIDVariableDataNotification" type="T012.11_NotifySPIDVariableDataNotificationType"/> <xs:element name="T013.1_MeterUpdate" type="MeterUpdateNotificationType"/> <xs:element name="T013.3_UpdateMeterLocationNotification" type="UpdateMeterLocationNotificationType"/> <xs:element name="T014.1_MeterUpdateNotification" type="ChargeableMeterUpdateNotificationType"/> <xs:element name="T015.1_SPIDStatusUpdateNotification" type="SPIDStatusUpdateNotificationType"/> <xs:element name="T015.3_BackdatedSPIDStatusUpdateNotification" type="BackdatedSPIDStatusUpdateNotificationType"/> <xs:element name="T016.1_UnmeasureableNotification" type="T016.0_UnmeasureableDeclarationType"/> <xs:element name="T017.1_MeterSwapNotification" type="MeterSwapNotificationType"/> <xs:element name="T019.0_WaterSPIDData" type="WaterSPIDDataNotificationType"/> <xs:element name="T020.0_SewerageSPIDData" type="SewerageSPIDDataNotificationType"/> <xs:element name="T021.1_DPIDNotification" type="DPIDNotificationType"/> <xs:element name="T022.1_TEUpdateNotification" type="TEUpdateNotificationType"/> <xs:element name="T023.1_MeterAssociationNotification" type="MeterAssociationNotificationType"/> <xs:element name="T024.1_MeterDisAssociationNotification" type="MeterDisAssociationNotificationType"/> <xs:element name="T026.1_DiscontinueDPIDNotification" type="DiscontinueDPIDNotificationType"/> <xs:element name="T027.1_DPIDUpdateNotification" type="DPIDUpdateNotificationType"/> <xs:element name="T028.0_Schedule3UpdateNotification" type="Schedule3UpdateNotificationType"/> <xs:element name="T029.0_SpecialArrangementsUpdateNotification" type="SpecialArrangementsUpdateNotificationType"/> </pre>
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	<pre> <xs:element name="T029.4_PremisesSpecialArrangementsUpdateNotification" type="PremisesSpecialArrangementsUpdateNotificationType"/> <xs:element name="T030.0_DPMeterReadNotification" type="DPMeterReadType"/> <xs:element name="T030.1_DPMeterReadNotification" type="DPMeterReadType"/> <xs:element name="T032.1_CustomerNameUpdated" type="T032.1_CustomerNameUpdatedType"/> <xs:element name="T032.2_CustomerNameUpdatedNotification" type="CustomerNameUpdatedNotificationType"/> <xs:element name="T033.1_MeteredBuildingUpdate" type="T033.1_MeteredBuildingUpdate"/> <xs:element name="T035.0_TradeabilityNotification" type="T035.0_TradeabilityNotification"/> <xs:element name="T035.1_TradeabilityNotification" type="T035.1_TradeabilityNotification"/> <xs:element name="T036.1_MeterNetworkAssociationNotification" type="MeterNetworkAssociationType"/> <xs:element name="T036.2_MeterNetworkAssociationDeletionNotification" type="MeterNetworkAssociationDeletionType"/> </xs:choice> </xs:sequence> </xs:complexType> </pre>
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element **ResponseMessagesType/T002.0_NewSPIDNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	NewLPSPIDNotificationType					
properties	content complex					
children	D2001_SPID Address UARNDData UPRNDData D2009_SWConnectionRef D2043_LPConnectionRef D2023_NewConnectionType D2034_AllocationMethod					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageldType	required			
	RelatedMID	MessageldType	optional			
source	<pre><xs:element name="T002.0_NewSPIDNotification" type="NewLPSPIDNotificationType"/></pre>					

element **ResponseMessagesType/T002.1_NewSPIDNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	NewSPIDNotificationType					
properties	content complex					
children	D2001_SPID Address UARNDData UPRNDData D2009_SWConnectionRef D2043_LPConnectionRef D2023_NewConnectionType D2034_AllocationMethod D4001_OrgId					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T002.1_NewSPIDNotification" type="NewSPIDNotificationType"/></pre>					

element **ResponseMessagesType/T004.1_NewMeterNotification**

diagram	T004.1_NewMeterNotificationType attributes MID RelatedMID D2001_SPID D2001 Unique Identifier that Identifies each supply point and the service provided D3001_MeterId Meter Identification (e.g. manufacturers serial number) D3004_NrDigits The number of digits on the meter register MeterLocation D3003_PhysicalMeterSize Actual size of a meter (mm) D3002_ChargeableMeterSize Meter size for tariff charge calculation purposes (mm) D3005_SewerageChargeableMeter... The chargeable size for the Related Water Supply Meter for calculations of Sewerage tariff D3011_MeterReadFrequency The frequency that the LP must read a meter D3007_ReturnToSewerAllowance Return to sewer allowance for a particular meter D3013_MeterMake Meter Make D3014_ManufacturerMeterSerialNr Meter Serial Number D2010_YVe Yearly Volumetric Usage Estimate for the SPID D3015_datalogger_SW Specifies the presence of a Scottish Water datalogger D3016_datalogger_NonSW Specifies the presence of a non Scottish Water datalogger D3017_GISX Specifies the X coordinate of the location of the meter D3018_GISY Specifies the Y coordinate of the location of the meter D3019_GISZFreeDescriptor Specifies the Z Free Descriptor of the location of the meter D3022_MeterTreatment Meter Treatment Indicator D3025_MeterLocationCode Meter Location Code
namespace	urn:bridgeall-com:cmaservice:data:v3
type	T004.1_NewMeterNotificationType

properties	content complex					
children	D2001 SPID D3001 MeterId D3004 NrDigits MeterLocation D3003 PhysicalMeterSize D3002 ChargeableMeterSize D3005 SewerageChargeableMeterSize D3011 MeterReadFrequency D3007 ReturnToSewerAllowance D3013 MeterMake D3014 ManufacturerMeterSerialNr D2010 YVe D3015 datalogger SW D3016 datalogger NonSW D3017 GISX D3018 GISY D3019 GISZFreeDescriptor D3022 MeterTreatment D3025 MeterLocationCode					
attributes	Name MID RelatedMID	Type MessageIdType MessageIdType	Use required optional	Default	Fixed	Annotation
source	<xs:element name="T004.1_NewMeterNotification" type="T004.1_NewMeterNotificationType"/>					

element **ResponseMessagesType/T005.2_MeterReadNotification**

diagram	T005.2_MeterReadNotification MeterReadNotificationType attributes MID RelatedMID D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D3001_MeterId Meter Identification (e.g. manufacturers serial number) D3008_MeterRead Register read from a meter D3009_MeterReadDate Date meter was read D3010_MeterReadType The type of meter reading (e.g. opening, closing, cyclic) D3028_SReadReasonCode Reason code for the S read D3029_SReadRemedialWorkIndica.. The flag indicates whether, or not, the Incoming LP has initiated remedial work to remove the reason for the S read to be required D3012_ReRead Flag to indicate if this read is a re-read D3021_Rollover_Flag The flag indicates whether the meter read was a rollover or not					
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	MeterReadNotificationType					
properties	content complex					
children	D2001_SPID D3001_MeterId D3008_MeterRead D3009_MeterReadDate D3010_MeterReadType D3028_SReadReasonCode D3029_SReadRemedialWorkIndicator D3012_ReRead D3021_Rollover_Flag					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			

	RelatedMID MessageIdType optional
source	<code><xs:element name="T005.2_MeterReadNotification" type="MeterReadNotificationType"/></code>

element **ResponseMessagesType/T005.3_MeterReadNotification**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	MeterReadNotificationType
propertie	content complex

s						
children	D2001_SPID D3001_MeterId D3008_MeterRead D3009_MeterReadDate D3010_MeterReadType D3028_SReadReasonCode D3029_SReadRemedialWorkIndicator D3012_ReRead D3021_Rollover_Flag					
attributes	Name MID RelatedMID	Type MessageldType MessageldType	Use required optional	Default	Fixed	Annotation
source	<pre><xs:element name="T005.3_MeterReadNotification" type="MeterReadNotificationType"/></pre>					

element **ResponseMessagesType/T006.4_WaterSPIDNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	T006.4_WaterSPIDNotificationType					
properties	content complex					
children	D2001_SPID D2018_TroughsDrinkingBowls D2020_OutsideTaps D2014_FarmCroft					
attributes	Name MID RelatedMID	Type MessageldType MessageldType	Use required optional	Default	Fixed	Annotation
source	<pre><xs:element name="T006.4_WaterSPIDNotification" type="T006.4_WaterSPIDNotificationType"/></pre>					

element **ResponseMessagesType/T006.5_SewerageSPIDNotification**

diagram	T006.5_SewerageSPIDNotification T006.5_SewerageSPIDNotificationT... attributes MID RelatedMID D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D2016_PropertyDrainage Does SPID have this Service Element D2048_SAIndicator Indicates whether Property Drainage is charged on Surface Area, or on Live RV. D2012_SurfaceArea Surface Area of SP for Settlement Calculations D2017_RoadDrainage Does SPID have this Service Element D2045_MTSPID Used only for drainage-only SPIDs; identifies the Multi-Tenancy SPID the SPID is served by. D2046_MTSPIDFlag Used only for drainage-only SPIDs; identifies whether there is a Multi-Tenancy SPID for the identified SPID.						
namespace	urn:bridgeall-com:cmaservice:data:v3						
type	T006.5_SewerageSPIDNotificationType						
properties	content	complex					
children	D2001_SPID D2016_PropertyDrainage D2048_SAIndicator D2012_SurfaceArea D2017_RoadDrainage D2045_MTSPID D2046_MTSPIDFlag						
attributes	Name	Type	Use	Default	Fixed	Annotation	
	MID	MessageIdType	required				

	RelatedMID MessageIdType optional
source	<pre><xs:element name="T006.5_SewerageSPIDNotification" type="T006.5_SewerageSPIDNotificationType"/></pre>

element **ResponseMessageType/T006.7_ProvideLiveRateableValueNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	T006.7_ProvideLiveRateableValueNotificationType					
properties	content complex					
children	D2001_SPID D2042_LiveRateableValue					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T006.7_ProvideLiveRateableValueNotification" type="T006.7_ProvideLiveRateableValueNotificationType"/></pre>					

element **ResponseMessagesType/T006.8_NotifySPIDDataNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	T006.8_NotifySPIDDataType					
properties	content complex					
children	D2001_SPID D2005_CustomerClassification D2008_SICCode					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T006.8_NotifySPIDDataNotification" type="T006.8_NotifySPIDDataType"/></pre>					

element **ResponseMessagesType/T007.2_ConnectionCompleteNotification**

diagram						
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namespace	urn:bridgeall-com:cmaservice:data:v3					
type	ConnectionCompleteType					
properties	content complex					
children	D2001 SPID D2013 ConnectionDate					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T007.2_ConnectionCompleteNotification" type="ConnectionCompleteType"/></pre>					

element **ResponseMessagesType/T008.0_TerminationNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	TerminationNotificationType					
properties	content complex					
children	D2001_SPID D4001_OrgId D4002_RegistrationStartDate D4019_TransferReasonCode D4003_Comment D2049_ProspectiveCustomer D2050_ProspectiveCustomerOccupancyDate					
attributes	Name	Type	Use	Default	Fixed	Annotation

	MID MessageIdType required
	RelatedMID MessageIdType optional
source	<code><xs:element name="T008.0_TerminationNotification" type="TerminationNotificationType"/></code>

element **ResponseMessagesType/T008.1_RegistrationConfirmation**

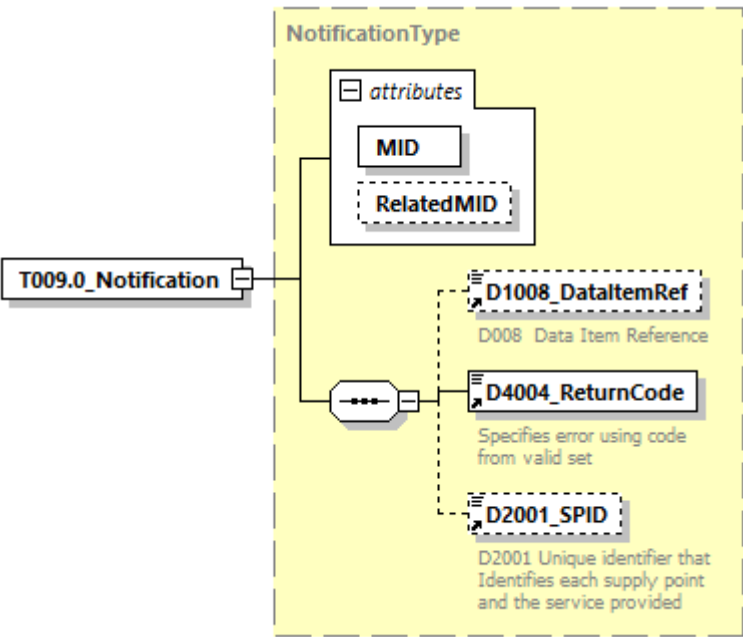
diagram	T008.1_RegistrationConfirmation RegistrationStartType attributes MID RelatedMID D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D4002_RegistrationStartDate D4002 Date SPID becomes registered to a Licensed Provider D4019_TransferReasonCode Used at Transfer Registration to specify a reason for the transfer D4003_Comment Generic text field for (short) comments and notes related to the transaction D2049_ProspectiveCustomer Used at Transfer Registration to identify the prospective customer (in the same format as for a Customer Name) where the reason for transfer is 'New Customer'. D2050_ProspectiveCustomerOccu Used when a prospective custom provided at Transfer Registration and ident the date when such prospective customer anticipated to have occupied the identified premises.
namespa ce	urn:bridgeall-com:cmaservice:data:v3
type	RegistrationStartType
propertie s	content complex
children	D2001_SPID D4002_RegistrationStartDate D4019_TransferReasonCode D4003_Comment D2049_ProspectiveCustomer D2050_ProspectiveCustomerOccupancyDate

attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<xs:element name="T008.1_RegistrationConfirmation" type="RegistrationStartType"/>					

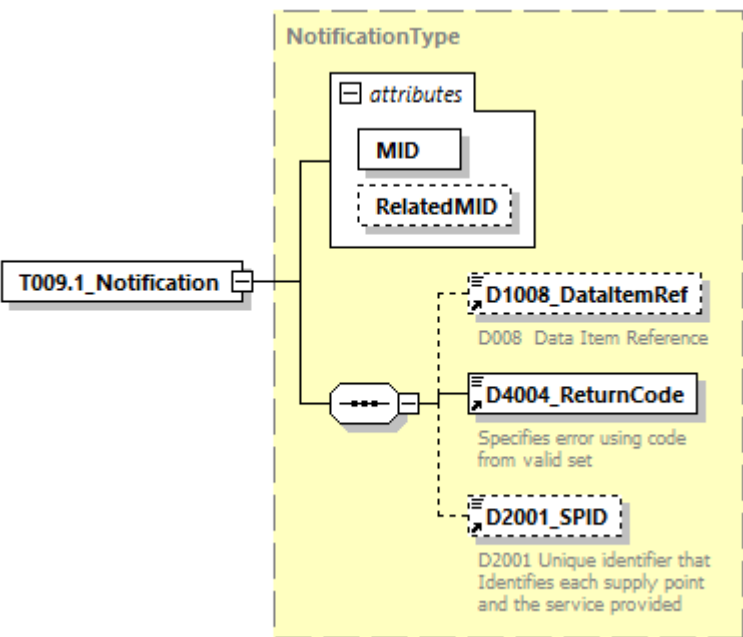
element **ResponseMessageType/T008.2_NotifyRSD**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	NotifyRSDType					
properties	content complex					
children	D2001_SPID D4001_OrgId D4002_RegistrationStartDate					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<xs:element name="T008.2_NotifyRSD" type="NotifyRSDType"/>					

element **ResponseMessagesType/T009.0_Notification**

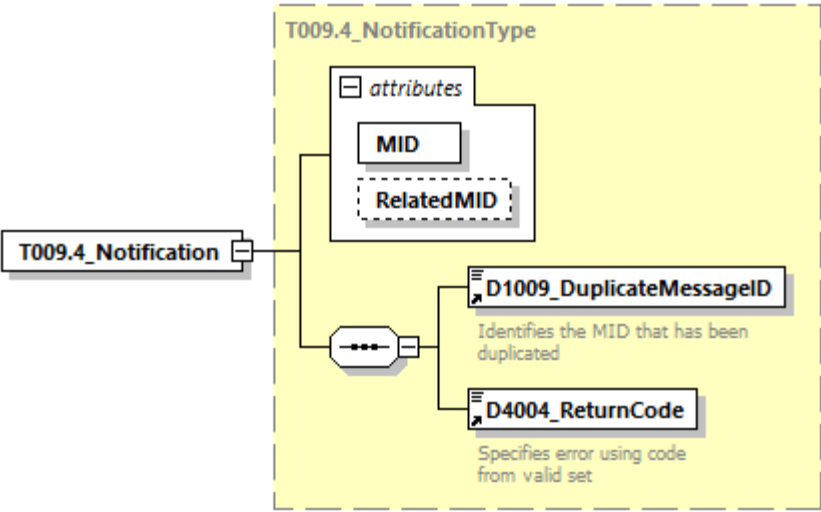
diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	NotificationType					
properties	content complex					
children	D1008_DataItemRef D4004_ReturnCode D2001_SPID					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<xs:element name="T009.0_Notification" type="NotificationType"/>					

element **ResponseMessagesType/T009.1_Notification**

diagram						
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namespace	urn:bridgeall-com:cmaservice:data:v3					
type	NotificationType					
properties	content complex					
children	D1008 DataItemRef D4004 ReturnCode D2001 SPID					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIDType	required			
	RelatedMID	MessageIDType	optional			
source	<xs:element name="T009.1_Notification" type="NotificationType"/>					

element **ResponseMessagesType/T009.4_Notification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	T009.4_NotificationType					
properties	content complex					
children	D1009_DuplicateMessageID D4004_ReturnCode					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIDType	required			
	RelatedMID	MessageIDType	optional			
source	<xs:element name="T009.4_Notification" type="T009.4_NotificationType"/>					

element **ResponseMessagesType/T011.0_CancelRegistrationNotificationIncoming**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	CancelRegistrationNotificationType					
properties	content complex					
children	D2001_SPID D4003_Comment D4005_CancellationCode					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<code><xs:element name="T011.0_CancelRegistrationNotificationIncoming" type="CancelRegistrationNotificationType"/></code>					

element **ResponseMessagesType/T011.1_CancelRegistrationNotificationOutgoing**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	CancelRegistrationNotificationOutType					

properties	content complex					
children	D2001_SPID					
attributes	Name MID RelatedMID	Type MessageldType MessageldType	Use required optional	Default	Fixed	Annotation
source	<xs:element name="T011.1_CancelRegistrationNotificationOutgoing" type="CancelRegistrationNotificationOutType"/>					

element **ResponseMessageType/T012.2_VacancyUpdateNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	ServiceElementUpdateNotificationType					
properties	content complex					
children	D2001_SPID D2015_SPIDVacant D4006_EffectiveFrom D4003_Comment					
attributes	Name MID RelatedMID	Type MessageldType MessageldType	Use required optional	Default	Fixed	Annotation
source	<xs:element name="T012.2_VacancyUpdateNotification" type="ServiceElementUpdateNotificationType"/>					

element **ResponseMessagesType/T012.4_SewerageServiceElementUpdateNotification**

diagram	T012.4_SewerageServiceElement... SewerageServiceElementUpdateNo... attributes MID RelatedMID D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D4006_EffectiveFrom Details the date any data may be effective from D2016_PropertyDrainage Does SPID have this Service Element D2048_SAIndicator Indicates whether Property Drainage is charged on Surface Area, or on Live RV. D2012_SurfaceArea Surface Area of SP for Settlement Calculations D2017_RoadDrainage Does SPID have this Service Element D2045_MTSPID Used only for drainage-only SPIDs; identifies the Multi-Tenancy SPID the SPID is served by. D2046_MTSPIDFlag Used only for drainage-only SPIDs; identifies whether there is a Multi-Tenancy SPID for the identified SPID. D4003_Comment Generic text field for (short) comments and notes related to the transaction
namespace	urn:bridgeall-com:cmaservice:data:v3
type	SewerageServiceElementUpdateNotificationType

properties	content complex					
children	D2001_SPID D4006_EffectiveFrom D2016_PropertyDrainage D2048_SAIIndicator D2012_SurfaceArea D2017_RoadDrainage D2045_MTSPID D2046_MTSPIDFlag D4003_Comment					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T012.4_SewerageServiceElementUpdateNotification" type="SewerageServiceElementUpdateNotificationType"/></pre>					

element **ResponseMessageType/T012.6_UpdateSAReferenceNumberUPRNNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	UpdateSAReferenceNumberUPRNNotificationType					
properties	content complex					
children	D2001_SPID UARNDData UPRNDData					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T012.6_UpdateSAReferenceNumberUPRNNotification" type="UpdateSAReferenceNumberUPRNNotificationType"/></pre>					

element **ResponseMessagesType/T012.8_UpdateLiveRateableValueNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	T012.8_UpdateLiveRateableValueNotificationType					
properties	content complex					
children	D2001_SPID D2042_LiveRateableValue D4006_EffectiveFrom					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T012.8_UpdateLiveRateableValueNotification" type="T012.8_UpdateLiveRateableValueNotificationType"/></pre>					

element **ResponseMessagesType/T012.9_NotifySPIDDataNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	T012.9_NotifySPIDDataType					
properties	content complex					
children	D2001_SPID D2043_LPConnectionRef D4003_Comment Address					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T012.9_NotifySPIDDataNotification" type="T012.9_NotifySPIDDataType"/></pre>					

element **ResponseMessagesType/T012.11_NotifySPIDVariableDataNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	T012.11_NotifySPIDVariableDataType					
properties	content complex					
children	D2001_SPID D4006_EffectiveFrom D2005_CustomerClassification D2008_SICCode					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T012.11_NotifySPIDVariableDataNotification" type="T012.11_NotifySPIDVariableDataType"/></pre>					

element **ResponseMessagesType/T013.1_MeterUpdate**

diagram	MeterUpdateNotificationType attributes MID RelatedMID D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D3001_MeterId Meter Identification (e.g. manufacturers serial number) MeterLocation D3011_MeterReadFrequency The frequency that the LP must read a meter D4003_Comment Generic text field for (short) comments and notes related to the transaction D3013_MeterMake Meter Make D3014_ManufacturerMeterSerialNr Meter Serial Number D3003_PhysicalMeterSize Actual size of a meter (mm) D3004_NrDigits The number of digits on the meter register D3015_datalogger_SW Specifies the presence of a Scottish Water datalogger D3016_datalogger_NonSW Specifies the presence of a non Scottish Water datalogger D3017_GISX Specifies the X coordinate of the location of the meter D3018_GISY Specifies the Y coordinate of the location of the meter D3019_GISZFreeDescriptor Specifies the Z Free Descriptor of the location of the meter
namespace	urn:bridgeall-com:cmaservice:data:v3
type	MeterUpdateNotificationType

properties	content complex					
children	D2001 SPID D3001 MeterId MeterLocation D3011 MeterReadFrequency D4003 Comment D3013 MeterMake D3014 ManufacturerMeterSerialNr D3003 PhysicalMeterSize D3004 NrDigits D3015 datalogger SW D3016 datalogger NonSW D3017 GISX D3018 GISY D3019 GISZFreeDescriptor					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T013.1_MeterUpdate" type="MeterUpdateNotificationType"/></pre>					

element **ResponseMessagesType/T013.3_UpdateMeterLocationNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	UpdateMeterLocationNotificationType					
properties	content complex					
children	D2001 SPID D3001 MeterId D3019 GISZFreeDescriptor D3025 MeterLocationCode					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T013.3_UpdateMeterLocationNotification" type="UpdateMeterLocationNotificationType"/></pre>					

element **ResponseMessagesType/T014.1_MeterUpdateNotification**

diagram																			
namespace	urn:bridgeall-com:cmaservice:data:v3																		
type	ChargeableMeterUpdateType																		
properties	content complex																		
children	D2001 SPID D3001 MeterId D3002 ChargeableMeterSize D3005 SewerageChargeableMeterSize D4003 Comment D3007 ReturnToSewerAllowance D4006 EffectiveFrom																		
attributes	<table><thead><tr><th>Name</th><th>Type</th><th>Use</th><th>Default</th><th>Fixed</th><th>Annotation</th></tr></thead><tbody><tr><td>MID</td><td>MessageIdType</td><td>required</td><td></td><td></td><td></td></tr><tr><td>RelatedMID</td><td>MessageIdType</td><td>optional</td><td></td><td></td><td></td></tr></tbody></table>	Name	Type	Use	Default	Fixed	Annotation	MID	MessageIdType	required				RelatedMID	MessageIdType	optional			
Name	Type	Use	Default	Fixed	Annotation														
MID	MessageIdType	required																	
RelatedMID	MessageIdType	optional																	
source	<pre><xs:element name="T014.1_MeterUpdateNotification" type="ChargeableMeterUpdateType"/></pre>																		

element **ResponseMessagesType/T015.1_SPIDStatusUpdateNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	SPIDStatusUpdateType					
properties	content complex					
children	D2001_SPID D4006_EffectiveFrom D2025_SPIDStatus D4001_OrgId					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T015.1_SPIDStatusUpdateNotification" type="SPIDStatusUpdateType"/></pre>					

element **ResponseMessagesType/T015.3_BackdatedSPIDStatusUpdateNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	BackdatedSPIDStatusUpdateNotificationType					
properties	content complex					
children	D2001 SPID D2025 SPIDStatus D3001 MeterId D3008 MeterRead D3021 Rollover Flag D2047 LPRejectionIndicator D4006 EffectiveFrom					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T015.3_BackdatedSPIDStatusUpdateNotification" type="BackdatedSPIDStatusUpdateNotificationType"/></pre>					

element **ResponseMessageType/T016.1_UnmeasureableNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	T016.0_UnmeasureableDeclarationType					
properties	content complex					
children	D2001_SPID D2024_Unmeasurable D4006_EffectiveFrom					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T016.1_UnmeasureableNotification" type="T016.0_UnmeasureableDeclarationType"/></pre>					

element **ResponseMessagesType/T017.1_MeterSwapNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	MeterSwapNotificationType					
properties	content complex					
children	D2001_SPID NewMeter OldMeter D3012_ReRead					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T017.1_MeterSwapNotification" type="MeterSwapNotificationType"/></pre>					

element **ResponseMessagesType/T019.0_WaterSPIDData**

diagram	WaterSPIDDataType attributes MID RelatedMID D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D2005_CustomerClassification Customer classification for a SPID (e.g. Large Impact, Sensitive) D2008_SICCode SIC Code applicable to a SPID D2042_LiveRateableValue Live Rateable Value of Eligible Premises in [£] D2018_TroughsDrinkingBowls Does SPID have this Service Element (how many) D2020_OutsideTaps Does SPID have this Service Element (how many) D2014_FarmCroft If Outside Taps or Troughs and Drinking Bowls are True, this must be used to specify farm or croft. D2015_SPIDVacant Declares premises for the SPID as vacant Address D2024_Unmeasurable UARNDData UPRNDData
namespace	urn:bridgeall-com:cmaservice:data:v3
type	WaterSPIDDataType

properties	content complex					
children	D2001 SPID D2005 CustomerClassification D2008 SICCode D2042 LiveRateableValue D2018 TroughsDrinkingBowls D2020 OutsideTaps D2014 FarmCroft D2015 SPIDVacant Address D2024 Unmeasurable UARNDData UPRNDData					
attributes	Name MID RelatedMID	Type MessageIdType MessageIdType	Use required optional	Default	Fixed	Annotation
source	<xs:element name="T019.0_WaterSPIDData" type="WaterSPIDDataType"/>					

element **ResponseMessagesType/T020.0_SewerageSPIDData**

diagram	T020.0_SewerageSPIDData SewerageSPIDDataType attributes MID RelatedMID D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D2005_CustomerClassification Customer classification for a SPID (e.g. Large Impact, Sensitive) D2008_SICCode SIC Code applicable to a SPID D2042_LiveRateableValue Live Rateable Value of Eligible Premises in [£] D2012_SurfaceArea Surface Area of SP for Settlement Calculations D2016_PropertyDrainage Does SPID have this Service Element D2048_SAIndicator Indicates whether Property Drainage is charged on Surface Area, or on Live RV. D2017_RoadDrainage Does SPID have this Service Element D2015_SPIDVacant Declares premises for the SPID as vacant Address UARNDData UPRNDData
namespace	urn:bridgeall-com:cmaservice:data:v3
type	SewerageSPIDDataType

properties	content complex					
children	D2001 SPID D2005 CustomerClassification D2008 SICCode D2042 LiveRateableValue D2012 SurfaceArea D2016 PropertyDrainage D2048 SAIndicator D2017 RoadDrainage D2015 SPIDVacant Address UARNDData UPRNDData					
attributes	Name MID RelatedMID	Type MessageType MessageType	Use required optional	Default	Fixed	Annotation
source	<xs:element name="T020.0_SewerageSPIDData" type="SewerageSPIDDataType"/>					

element **ResponseMessagesType/T021.1_DPIDNotification**

diagram	DPIDNotificationType attributes MID RelatedMID D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D6001_DPID Discharge Point ID D4006_EffectiveFrom Details the date any data may be effective from D6003_CDV TE Availability data: Chargeable Daily Volume m3 D6004_sBODL TE Availability data: Chargeable Settled Biochemical Oxygen Demand load (kg/day) D6005_TSSL TE Availability data: Chargeable Total Suspended Solids load (kg/day) D6006_Ot TE Operating Data: Fixed Strength Chemical Oxygen Demand D6007_St TE Operating Data: Fixed Strength Solids Demand D6009_Non-domesticAllowance Annual volume associated with the foul sewerage for the Discharge Point (m3) D6010_SDTIndicator Seasonal Discharge Tariff Indicator - set as True to apply higher seasonal tariff Address D6002_TYVe Trade Effluent Estimated Yearly Volume for a Discharge Point D6011_TETreatment TETreatment indicator D6012_PcentAllowance DPID Percentage Allowance D6013_FixedAllowance DPID Fixed Allowance T021.1_DPIDNotification
namespace	urn:bridgeall-com:cmaservice:data:v3
type	DPIDNotificationType

properties	content complex					
children	D2001_SPID D6001_DPID D4006_EffectiveFrom D6003_CDV D6004_sBODL D6005_TSSL D6006_Ot D6007_St D6009_Non-domesticAllowance D6010_SDTIndicator Address D6002_TEVVe D6011_TETreatment D6012_PcentAllowance D6013_FixedAllowance					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T021.1_DPIDNotification" type="DPIDNotificationType"/></pre>					

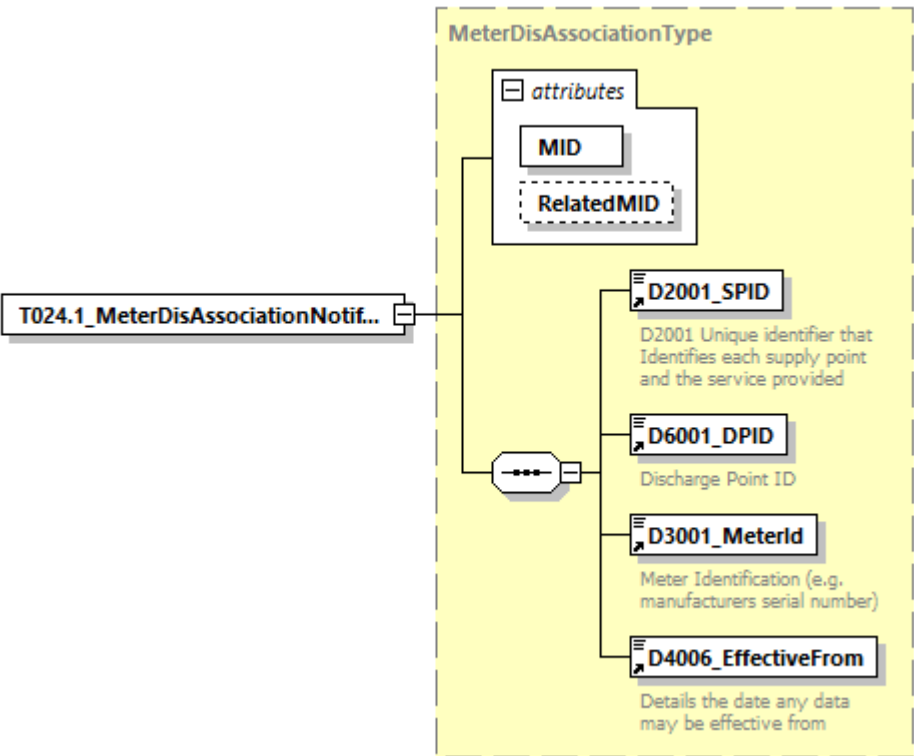
element **ResponseMessageType/T022.1_TEUpdateNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	TEUpdateType					
properties	content complex					
children	D2001_SPID D6001_DPID D4006_EffectiveFrom D6006_Ot D6007_St					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T022.1_TEUpdateNotification" type="TEUpdateType"/></pre>					

element **ResponseMessagesType/T023.1_MeterAssociationNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	MeterAssociationType					
properties	content complex					
children	D2001_SPID D6001_DPID D3001_MeterId D4006_EffectiveFrom D3024_MDVol					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T023.1_MeterAssociationNotification" type="MeterAssociationType"/></pre>					

element **ResponseMessagesType/T024.1_MeterDisAssociationNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	MeterDisAssociationType					
properties	content complex					
children	D2001_SPID D6001_DPID D3001_MeterId D4006_EffectiveFrom					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T024.1_MeterDisAssociationNotification" type="MeterDisAssociationType"/></pre>					

element **ResponseMessagesType/T026.1_DiscontinueDPIDNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	DiscontinueDPIDType					
properties	content complex					
children	D2001_SPID D6001_DPID D4006_EffectiveFrom					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIDType	required			
	RelatedMID	MessageIDType	optional			
source	<pre><xs:element name="T026.1_DiscontinueDPIDNotification" type="DiscontinueDPIDType"/></pre>					

element **ResponseMessagesType/T027.1_DPIDUpdateNotification**

diagram	T027.1_DPIDUpdateNotification DPIDUpdateType attributes MID RelatedMID D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D6001_DPID Discharge Point ID D4006_EffectiveFrom Details the date any data may be effective from D6003_CDV TE Availability data: Chargeable Daily Volume m3 D6004_sBODL TE Availability data: Chargeable Settled Biochemical Oxygen Demand load (kg/day) D6005_TSSL TE Availability data: Chargeable Total Suspended Solids load (kg/day) D6009_Non-domesticAllowance Annual volume associated with the foul sewerage for the Discharge Point (m3) D6010_SDIndicator Seasonal Discharge Tariff Indicator - set as True to apply higher seasonal tariff D6002_TYVe Trade Effluent Estimated Yearly Volume for a Discharge Point Address + D4003_Comment Generic text field for (short) comments and notes related to the transaction D6012_PcentAllowance DPID Percentage Allowance D6013_FixedAllowance DPID Fixed Allowance
namespace	urn:bridgeall-com:cmaservice:data:v3
type	DPIDUpdateType

properties	content complex					
children	D2001 SPID D6001 DPID D4006 EffectiveFrom D6003 CDV D6004 sBODL D6005 TSSL D6009 Non-domesticAllowance D6010 SDTIndicator D6002 TEYVe Address D4003 Comment D6012 PcentAllowance D6013 FixedAllowance					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T027.1_DPIDUpdateNotification" type="DPIDUpdateType"/></pre>					

element **ResponseMessagesType/T028.0_Schedule3UpdateNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	Schedule3UpdateType					
properties	content complex					
children	D2001 SPID D2003 Schedule3 D4006 EffectiveFrom D6001 DPID					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T028.0_Schedule3UpdateNotification" type="Schedule3UpdateType"/></pre>					

element **ResponseMessagesType/T029.0_SpecialArrangementsUpdateNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	SpecialArrangementsUpdateNotificationType					
properties	content complex					
children	D2001 SPID D4006 EffectiveFrom D2003 Schedule3 D2004 ExemptCustomerFlag D2041 PcentExemption D2006 29e					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<code><xs:element name="T029.0_SpecialArrangementsUpdateNotification" type="SpecialArrangementsUpdateNotificationType"/></code>					

element

ResponseMessagesType/T029.4_PremisesSpecialArrangementsUpdateNotification

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	PremisesSpecialArrangementsUpdateNotificationType					
properties	content complex					
children	D2001_SPID D4006_EffectiveFrom D2004_ExemptCustomerFlag D2041_PcentExemption					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T029.4_PremisesSpecialArrangementsUpdateNotification" type="PremisesSpecialArrangementsUpdateNotificationType"/></pre>					

element **ResponseMessagesType/T030.0_DPMeterReadNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	DPMeterReadType					
properties	content complex					
children	D2001_SPID D6001_DPID D3001_MeterId D3008_MeterRead D3009_MeterReadDate D3010_MeterReadType D3012_ReRead D3021_Rollover_Flag					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T030.0_DPMeterReadNotification" type="DPMeterReadType"/></pre>					

element **ResponseMessagesType/T030.1_DPMeterReadNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	DPMeterReadType					
properties	content complex					
children	D2001_SPID D6001_DPID D3001_MeterId D3008_MeterRead D3009_MeterReadDate D3010_MeterReadType D3012_ReRead D3021_Rollover_Flag					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T030.1_DPMeterReadNotification" type="DPMeterReadType"/></pre>					

element **ResponseMessagesType/T032.1_CustomerNameUpdated**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	T032.1_CustomerNameUpdatedType					
properties	content complex					
children	D2001_SPID D2027_CustomerName D2028_CustomerNameType					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T032.1_CustomerNameUpdated" type="T032.1_CustomerNameUpdatedType"/></pre>					

element **ResponseMessagesType/T032.2_CustomerNameUpdatedNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	CustomerNameUpdatedNotificationType					
properties	content complex					
children	D2001_SPID D2027_CustomerName D2028_CustomerNameType D4001_OrgId					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T032.2_CustomerNameUpdatedNotification" type="CustomerNameUpdatedNotificationType"/></pre>					

element **ResponseMessagesType/T033.1_MeteredBuildingUpdate**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	T033.1_MeteredBuildingUpdate					
properties	content complex					
children	D2001_SPID D2029_MeteredBuildingWater D2030_MeteredBuildingWaterEffectiveDate					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T033.1_MeteredBuildingUpdate" type="T033.1_MeteredBuildingUpdate"/></pre>					

element **ResponseMessagesType/T035.0_TradeabilityNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	T035.0_TradeabilityNotification					
properties	content complex					
children	D2001_SPID D2013_ConnectionDate					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T035.0_TradeabilityNotification" type="T035.0_TradeabilityNotification"/></pre>					

element **ResponseMessagesType/T035.1_TradeabilityNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	T035.1_TradeabilityNotification					
properties	content complex					

children	D2001_SPID D2013_ConnectionDate					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID RelatedMID	MessageldType MessageldType	required optional			
source	<xs:element name="T035.1_TradeabilityNotification" type="T035.1_TradeabilityNotification"/>					

element **ResponseMessagesType/T036.1_MeterNetworkAssociationNotification**

diagram						
namespa ce	urn:bridgeall-com:cmaservice:data:v3					
type	MeterNetworkAssociationType					
propertie s	content complex					
children	D2035_MainSPID D3027_MainMeterId D2036_SubSPID D3006_SubMeterId D3026_MeterNetworkAssociation D4006_EffectiveFrom					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID RelatedMID	MessageldType MessageldType	required optional			

source	<pre><xs:element name="T036.1_MeterNetworkAssociationNotification" type="MeterNetworkAssociationType"/></pre>
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element **ResponseMessagesType/T036.2_MeterNetworkAssociationDeletionNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	MeterNetworkAssociationDeletionType					
properties	content complex					
children	D2035_MainSPID D3027_MainMeterId D2036_SubSPID D3006_SubMeterId					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre><xs:element name="T036.2_MeterNetworkAssociationDeletionNotification" type="MeterNetworkAssociationDeletionType"/></pre>					

complexType **Schedule3UpdateType**

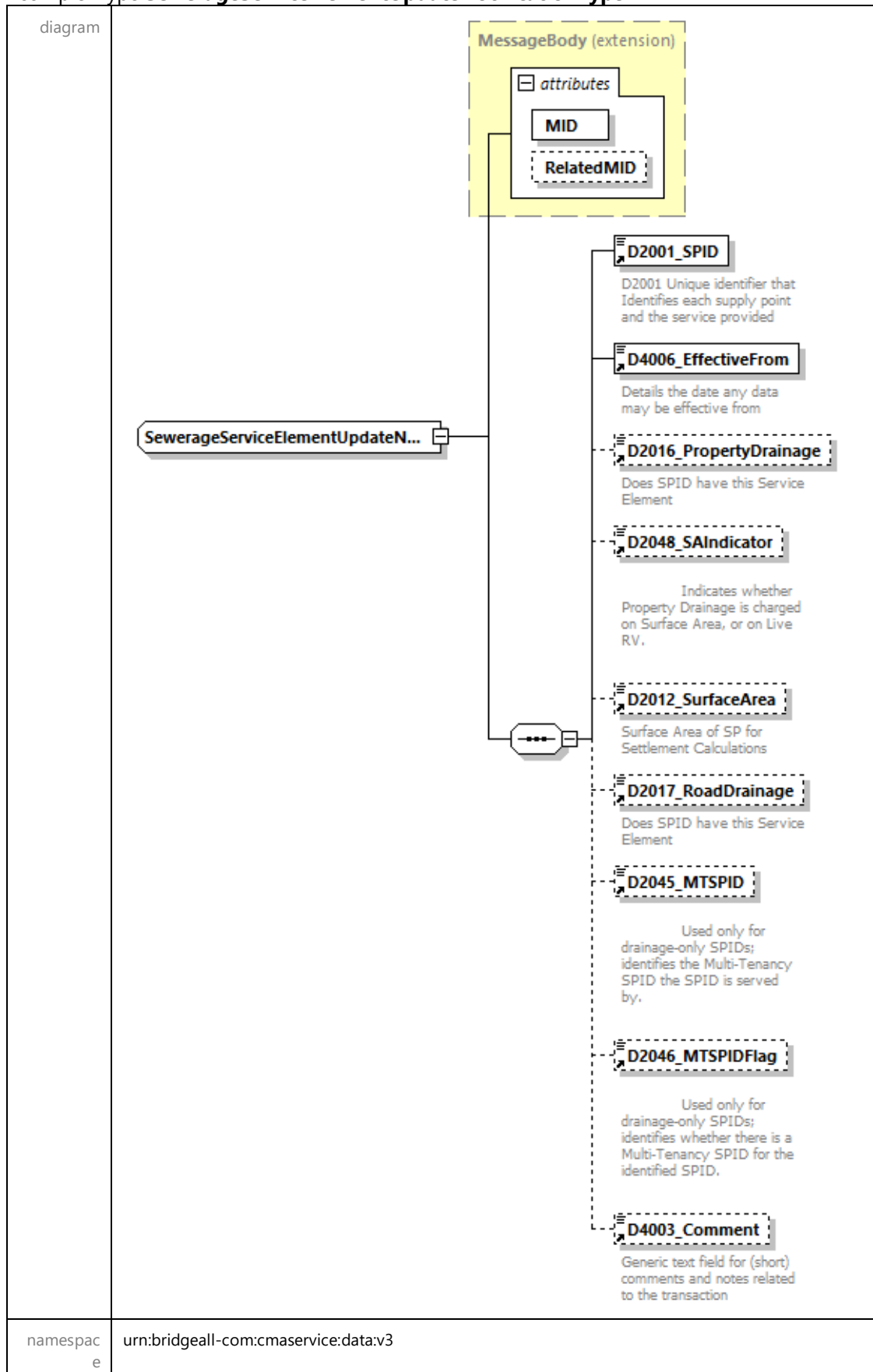
diagram																			
namespace	urn:bridgeall-com:cmaservice:data:v3																		
type	extension of MessageBody																		
properties	base MessageBody																		
children	D2001_SPID D2003_Schedule3 D4006_EffectiveFrom D6001_DPID																		
used by	elements ResponseMessagesType/T028.0_Schedule3UpdateNotification MessagesType/T028.1_Schedule3Updates/T028.1_Schedule3Update																		
attributes	<table><tr><th>Name</th><th>Type</th><th>Use</th><th>Default</th><th>Fixed</th><th>Annotation</th></tr><tr><td>MID</td><td>MessageIdType</td><td>required</td><td></td><td></td><td></td></tr><tr><td>RelatedMID</td><td>MessageIdType</td><td>optional</td><td></td><td></td><td></td></tr></table>	Name	Type	Use	Default	Fixed	Annotation	MID	MessageIdType	required				RelatedMID	MessageIdType	optional			
Name	Type	Use	Default	Fixed	Annotation														
MID	MessageIdType	required																	
RelatedMID	MessageIdType	optional																	
annotation	documentation																		
source	<pre><xs:complexType name="Schedule3UpdateType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2003_Schedule3"/> <xs:element ref="D4006_EffectiveFrom"/> <xs:element ref="D6001_DPID"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre>																		

complexType **ServiceElementUpdateNotificationType**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D2015_SPIDVacant D4006_EffectiveFrom D4003_Comment					
used by	element ResponseMessagesType/T012.2_VacancyUpdateNotification					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="ServiceElementUpdateNotificationType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2015_SPIDVacant" minOccurs="0"/> <xs:element ref="D4006_EffectiveFrom"/> <xs:element ref="D4003_Comment" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

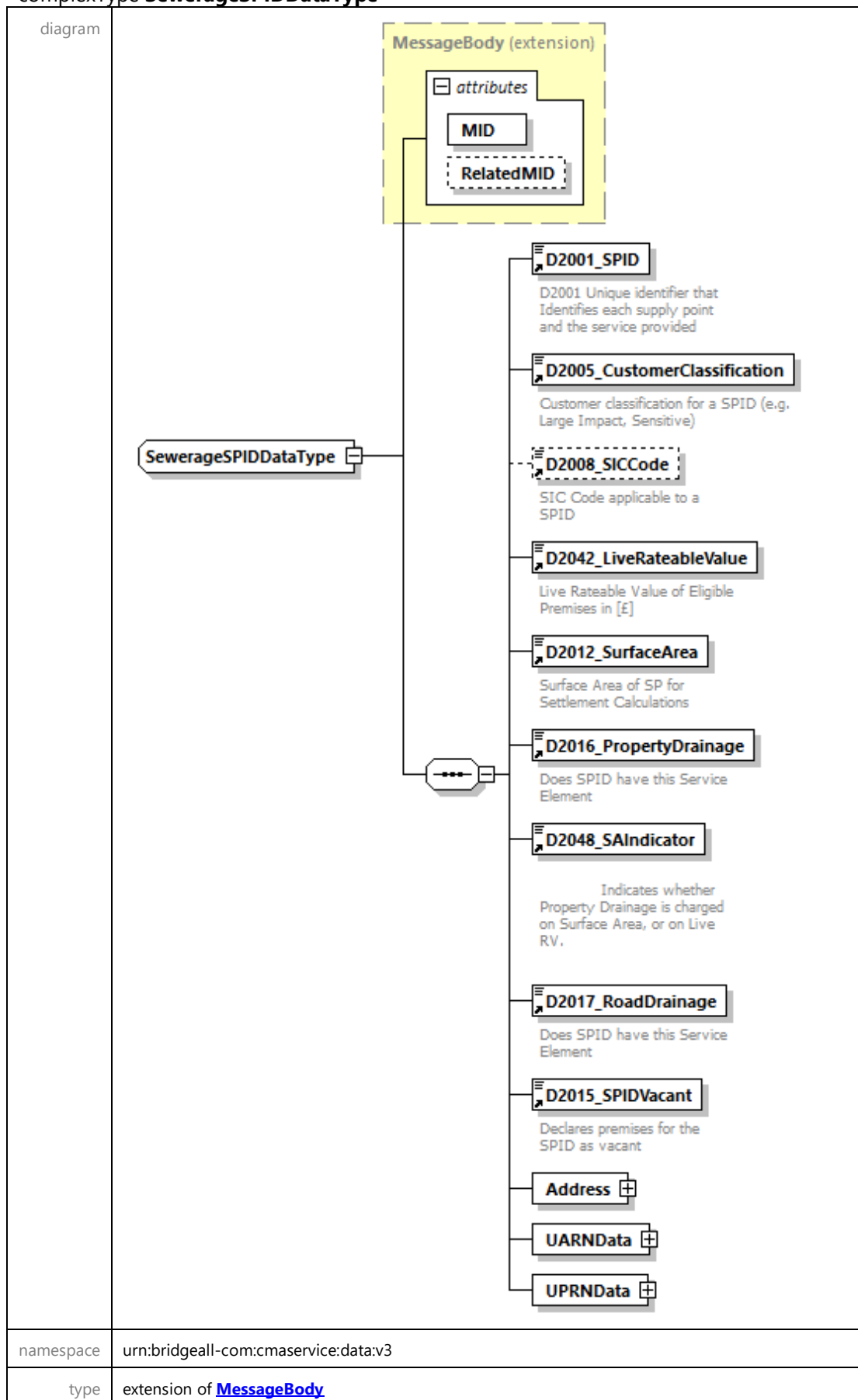
	<pre></xs:complexContent> </xs:complexType></pre>
--	---

complexType **SewerageServiceElementUpdateNotificationType**



type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D4006_EffectiveFrom D2016_PropertyDrainage D2048_SAIndicator D2012_SurfaceArea D2017_RoadDrainage D2045_MTSPID D2046_MTSPIDFlag D4003_Comment					
used by	element ResponseMessagesType/T012.4_SewerageServiceElementUpdateNotification					
attributes	Name MID RelatedMID	Type MessageIdType MessageIdType	Use required optional	Default	Fixed	Annotation
annotation	documentation					
source	<pre> <xs:complexType name="SewerageServiceElementUpdateNotificationType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D4006_EffectiveFrom"/> <xs:element ref="D2016_PropertyDrainage" minOccurs="0"/> <xs:element ref="D2048_SAIndicator" minOccurs="0"/> <xs:element ref="D2012_SurfaceArea" minOccurs="0"/> <xs:element ref="D2017_RoadDrainage" minOccurs="0"/> <xs:element ref="D2045_MTSPID" minOccurs="0"/> <xs:element ref="D2046_MTSPIDFlag" minOccurs="0"/> <xs:element ref="D4003_Comment" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

complexType **SewerageSPIDDataType**



properties	base MessageBody					
children	D2001_SPID D2005_CustomerClassification D2008_SICCode D2042_LiveRateableValue D2012_SurfaceArea D2016_PropertyDrainage D2048_SAIndicator D2017_RoadDrainage D2015_SPIDVacant Address UARNDData UPRNDData					
used by	element ResponseMessageType/T020.0_SewerageSPIDData					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="SewerageSPIDDataType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2005_CustomerClassification"/> <xs:element ref="D2008_SICCode" minOccurs="0"/> <xs:element ref="D2042_LiveRateableValue"/> <xs:element ref="D2012_SurfaceArea"/> <xs:element ref="D2016_PropertyDrainage"/> <xs:element ref="D2048_SAIndicator"/> <xs:element ref="D2017_RoadDrainage"/> <xs:element ref="D2015_SPIDVacant"/> <xs:element name="Address" type="AddressType"/> <xs:element name="UARNDData" type="UARNTYPE"/> <xs:element name="UPRNDData" type="UPRNTYPE"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

element **SewerageSPIDDataType/Address**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	AddressType
properties	content complex
children	D5002_SubBuildingName D5003_BuildingName D5004_BuildingNumber D5005_DependentThoroughfareName D5006_DependentThoroughfareDescriptor D5007_ThoroughfareName D5008_ThoroughfareDescriptor D5009_DoubleDependentLocality D5010_DependentLocality D5011_PostTown D5012_County D5013_Postcode
source	<xs:element name="Address" type="AddressType"/>

element **SewerageSPIDDataType/UARNDData**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	UARNTYPE
properties	content complex
children	D2037_SAAReferenceNumber D2052_SAAClass D2053_SAACoreDescription D2038_SAAReferenceNumberAbsenceCode
source	<code><xs:element name="UARNDData" type="UARNTYPE"/></code>

element **SewerageSPIDDataType/UPRNDData**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	UPRNTYPE
properties	content complex
children	D2039_UPRN D2040_UPRNAbsenceCode
source	<code><xs:element name="UPRNDData" type="UPRNTYPE"/></code>

complexType **SpecialArrangementsUpdateNotificationType**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001 SPID D4006 EffectiveFrom D2003 Schedule3 D2004 ExemptCustomerFlag D2041 PcentExemption D2006 29e					
used by	element ResponseMessagesType/T029.0 SpecialArrangementsUpdateNotification					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="SpecialArrangementsUpdateNotificationType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> </pre>					

	<pre> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D4006_EffectiveFrom"/> <xs:element ref="D2003_Schedule3" minOccurs="0"/> <xs:element ref="D2004_ExemptCustomerFlag" minOccurs="0"/> <xs:element ref="D2041_PcentExemption" minOccurs="0"/> <xs:element ref="D2006_29e" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>
--	---

complexType **SpecialArrangementsUpdateType**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D4006_EffectiveFrom D2003_Schedule3 D2006_29e					
used by	element	MessagesType/T029.1 SpecialArrangementsUpdates/T029.1 SpecialArrangements Update				
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					

source	<pre> <xs:complexType name="SpecialArrangementsUpdateType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D4006_EffectiveFrom"/> <xs:element ref="D2003_Schedule3" minOccurs="0"/> <xs:element ref="D2006_29e" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>
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complexType SPIDStatusUpdateType

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D4006_EffectiveFrom D2025_SPIDStatus D4001_OrgId					
used by	elements MessagesType/T015.0 SPIDStatusUpdates/T015.0 SPIDStatusUpdate ResponseMessagesType/T015.1 SPIDStatusUpdateNotification					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					

source	<pre> <xs:complexType name="SPIDStatusUpdateType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D4006_EffectiveFrom"/> <xs:element ref="D2025_SPIDStatus"/> <xs:element ref="D4001_OrgId" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>

complexType T003.1_RegistrationApplicationType

diagram	T003.1_RegistrationApplicationTy... MessageBody (extension) attributes MID (required) RelatedMID (optional) D2001_SPID (required) D2001 Unique identifier that Identifies each supply point and the service provided D4002_RegistrationStartDate (required) D4002 Date SPID becomes registered to a Licensed Provider D4019_TransferReasonCode (required) Used at Transfer Registration to specify a reason for the transfer D4003_Comment (optional) Generic text field for (short) comments and notes related to the transaction D2049_ProspectiveCustomer (optional) Used at Transfer Registration to identify the prospective customer (in the same format as for a Customer Name) where the reason for transfer is 'New Customer'. D2050_ProspectiveCustomerOccupancyDate (optional) Used when a prospective customer is provided at Transfer Registration and identify the date when such prospective customer anticipated to have occupied the identified premises.					
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D4002_RegistrationStartDate D4019_TransferReasonCode D4003_Comment D2049_ProspectiveCustomer D2050_ProspectiveCustomerOccupancyDate					
used by	element MessagesType/T003.1 RegistrationApplications/T003.1 RegistrationApplication					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					

source	<pre> <xs:complexType name="T003.1_RegistrationApplicationType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D4002_RegistrationStartDate"/> <xs:element ref="D4019_TransferReasonCode"/> <xs:element ref="D4003_Comment" minOccurs="0"/> <xs:element ref="D2049_ProspectiveCustomer" minOccurs="0"/> <xs:element ref="D2050_ProspectiveCustomerOccupancyDate" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>

complexType T004.0_NewMeterType

diagram	MessageBody (extension) attributes MID RelatedMID T004.0_NewMeterType D2001_SPID: D2001 Unique identifier that identifies each supply point and the service provided D3001_MeterId: Meter Identification (e.g. manufacturers serial number) D3004_NrDigits: The number of digits on the meter register MeterLocation D3003_PhysicalMeterSize: Actual size of a meter (mm) D3002_ChargeableMeterSize: Meter size for tariff charge calculation purposes (mm) D3005_SewerageChargeableMeter...: The chargeable size for the Related Water Supply Meter for calculations of Sewerage tariff D3011_MeterReadFrequency: The frequency that the LP must read a meter D3007_ReturnToSewerAllowance: Return to sewer allowance for a particular meter D3013_MeterMake: Meter Make D3014_ManufacturerMeterSerialNr: Meter Serial Number D3015_datalogger_SW: Specifies the presence of a Scottish Water datalogger D3016_datalogger_NonSW: Specifies the presence of a non Scottish Water datalogger D3017_GISX: Specifies the X coordinate of the location of the meter D3018_GISY: Specifies the Y coordinate of the location of the meter D3019_GISZFreeDescriptor: Specifies the Z Free Descriptor of the location of the meter D3022_MeterTreatment: Meter Treatment Indicator D3023_AccreditedEntityInstall: Accredited Entity Install - Allows Scottish Water to notify the CMA when an operation has been carried out by an accredited installer D3025_MeterLocationCode: Meter Location Code
namespace	urn:bridgeall-com:cmaservice:data:v3
type	extension of MessageBody

properties	base MessageBody					
children	D2001_SPID D3001_MeterId D3004_NrDigits MeterLocation D3003_PhysicalMeterSize D3002_ChargeableMeterSize D3005_SewerageChargeableMeterSize D3011_MeterReadFrequency D3007_ReturnToSewerAllowance D3013_MeterMake D3014_ManufacturerMeterSerialNr D3015_datalogger_SW D3016_datalogger_NonSW D3017_GISX D3018_GISY D3019_GISZFreeDescriptor D3022_MeterTreatment D3023_AccreditedEntityInstall D3025_MeterLocationCode					
used by	element	MessagesType/T004.0_NewMeters/T004.0_NewMeter				
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageldType	required			
	RelatedMID	MessageldType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="T004.0_NewMeterType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID" minOccurs="0"/> <xs:element ref="D3001_MeterId"/> <xs:element ref="D3004_NrDigits"/> <xs:element name="MeterLocation" type="MeterAddress"/> <xs:element ref="D3003_PhysicalMeterSize" minOccurs="0"/> <xs:element ref="D3002_ChargeableMeterSize"/> <xs:element ref="D3005_SewerageChargeableMeterSize"/> <xs:element ref="D3011_MeterReadFrequency"/> <xs:element ref="D3007_ReturnToSewerAllowance"/> <xs:element ref="D3013_MeterMake"/> <xs:element ref="D3014_ManufacturerMeterSerialNr"/> <xs:element ref="D3015_datalogger_SW" minOccurs="0"/> <xs:element ref="D3016_datalogger_NonSW" minOccurs="0"/> <xs:element ref="D3017_GISX" minOccurs="0"/> <xs:element ref="D3018_GISY" minOccurs="0"/> <xs:element ref="D3019_GISZFreeDescriptor" minOccurs="0"/> <xs:element ref="D3022_MeterTreatment" minOccurs="0"/> <xs:element ref="D3023_AccreditedEntityInstall" minOccurs="0"/> <xs:element ref="D3025_MeterLocationCode" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

element **T004.0_NewMeterType/MeterLocation**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	MeterAddress
properties	content complex
children	D5001_FreeDescriptor D5002_SubBuildingName D5003_BuildingName D5004_BuildingNumber D5005_DependentThoroughfareName D5006_DependentThoroughfareDescriptor D5007_ThoroughfareName D5008_ThoroughfareDescriptor D5009_DoubleDependentLocality D5010_DependentLocality D5011_PostTown D5012_County D5013_Postcode
source	<xs:element name="MeterLocation" type="MeterAddress"/>

complexType T004.1_NewMeterNotificationType

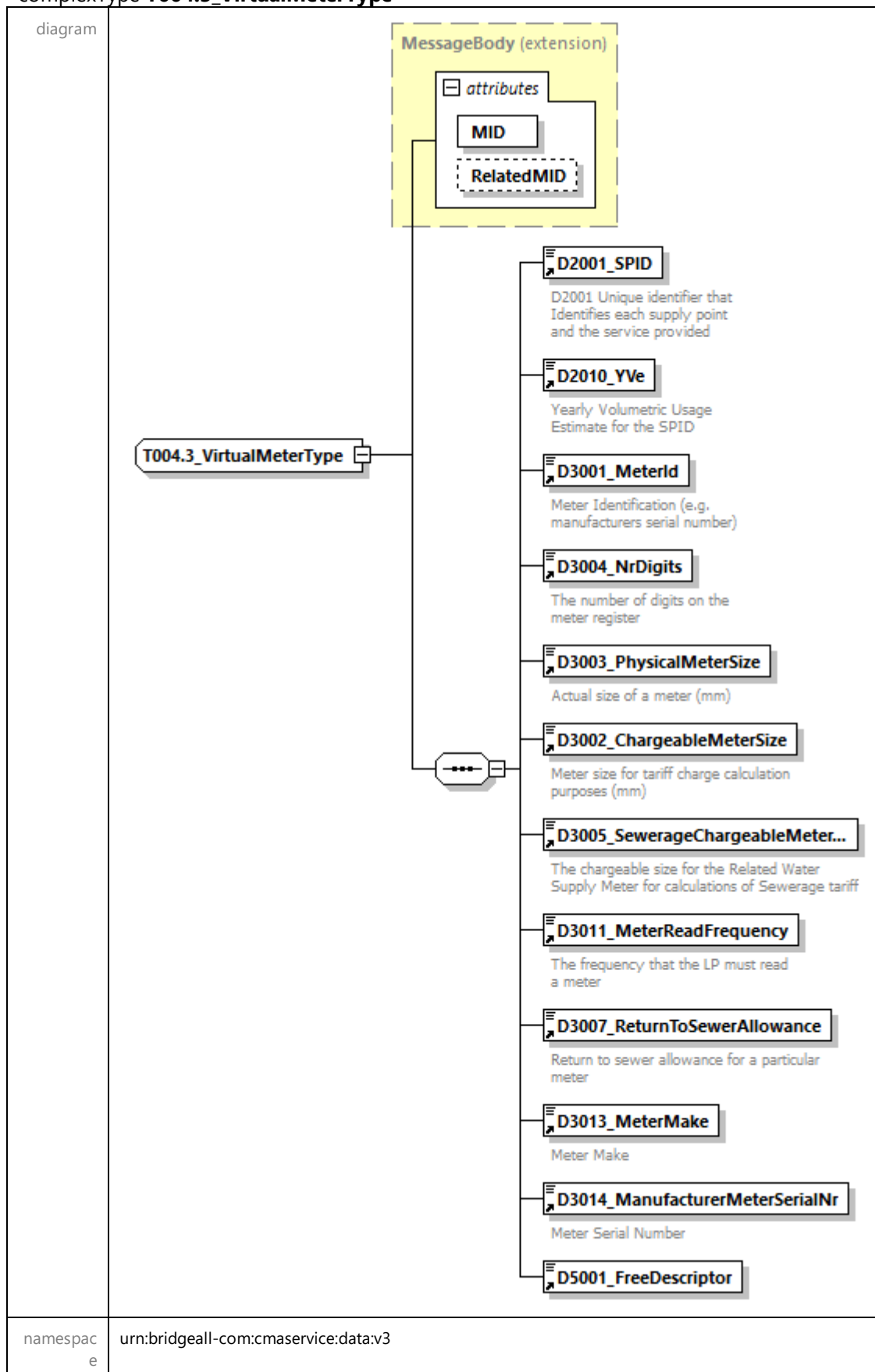
diagram	MessageBody (extension) - attributes - MID - RelatedMID T004.1_NewMeterNotificationType - D2001_SPID: D2001 Unique identifier that Identifies each supply point and the service provided - D3001_MeterId: Meter Identification (e.g. manufacturers serial number) - D3004_NrDigits: The number of digits on the meter register - MeterLocation - D3003_PhysicalMeterSize: Actual size of a meter (mm) - D3002_ChargeableMeterSize: Meter size for tariff charge calculation purposes (mm) - D3005_SewerageChargeableMeter...: The chargeable size for the Related Water Supply Meter for calculations of Sewerage tariff - D3011_MeterReadFrequency: The frequency that the LP must read a meter - D3007_ReturnToSewerAllowance: Return to sewer allowance for a particular meter - D3013_MeterMake: Meter Make - D3014_ManufacturerMeterSerialNr: Meter Serial Number - D2010_YVe: Yearly Volumetric Usage Estimate for the SPID - D3015_datalogger_SW: Specifies the presence of a Scottish Water datalogger - D3016_datalogger_NonSW: Specifies the presence of a non Scottish Water datalogger - D3017_GISX: Specifies the X coordinate of the location of the meter - D3018_GISY: Specifies the Y coordinate of the location of the meter - D3019_GISZFreeDescriptor: Specifies the Z Free Descriptor of the location of the meter - D3022_MeterTreatment: Meter Treatment Indicator - D3025_MeterLocationCode: Meter Location Code
namespace	urn:bridgeall-com:cmaservice:data:v3
type	extension of MessageBody

properties	base MessageBody					
children	D2001_SPID D3001_MeterId D3004_NrDigits MeterLocation D3003_PhysicalMeterSize D3002_ChargeableMeterSize D3005_SewerageChargeableMeterSize D3011_MeterReadFrequency D3007_ReturnToSewerAllowance D3013_MeterMake D3014_ManufacturerMeterSerialNr D2010_YVe D3015_datalogger_SW D3016_datalogger_NonSW D3017_GISX D3018_GISY D3019_GISZFreeDescriptor D3022_MeterTreatment D3025_MeterLocationCode					
used by	element	ResponseMessagesType/T004.1_NewMeterNotification				
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageldType	required			
	RelatedMID	MessageldType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="T004.1_NewMeterNotificationType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID" minOccurs="0"/> <xs:element ref="D3001_MeterId"/> <xs:element ref="D3004_NrDigits"/> <xs:element name="MeterLocation" type="MeterAddress"/> <xs:element ref="D3003_PhysicalMeterSize" minOccurs="0"/> <xs:element ref="D3002_ChargeableMeterSize"/> <xs:element ref="D3005_SewerageChargeableMeterSize" minOccurs="0"/> <xs:element ref="D3011_MeterReadFrequency"/> <xs:element ref="D3007_ReturnToSewerAllowance"/> <xs:element ref="D3013_MeterMake"/> <xs:element ref="D3014_ManufacturerMeterSerialNr"/> <xs:element ref="D2010_YVe" minOccurs="0"/> <xs:element ref="D3015_datalogger_SW" minOccurs="0"/> <xs:element ref="D3016_datalogger_NonSW" minOccurs="0"/> <xs:element ref="D3017_GISX" minOccurs="0"/> <xs:element ref="D3018_GISY" minOccurs="0"/> <xs:element ref="D3019_GISZFreeDescriptor" minOccurs="0"/> <xs:element ref="D3022_MeterTreatment"/> <xs:element ref="D3025_MeterLocationCode" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

element **T004.1_NewMeterNotificationType/MeterLocation**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	MeterAddress
properties	content complex
children	D5001_FreeDescriptor D5002_SubBuildingName D5003_BuildingName D5004_BuildingNumber D5005_DependentThoroughfareName D5006_DependentThoroughfareDescriptor D5007_ThoroughfareName D5008_ThoroughfareDescriptor D5009_DoubleDependentLocality D5010_DependentLocality D5011_PostTown D5012_County D5013_Postcode
source	<xs:element name="MeterLocation" type="MeterAddress"/>

complexType **T004.3_VirtualMeterType**



type	extension of MessageBody					
properties	base MessageBody					
children	D2001 SPID D2010 YVe D3001 MeterId D3004 NrDigits D3003 PhysicalMeterSize D3002 ChargeableMeterSize D3005 SewerageChargeableMeterSize D3011 MeterReadFrequency D3007 ReturnToSewerAllowance D3013 MeterMake D3014 ManufacturerMeterSerialNr D5001 FreeDescriptor					
used by	element MessagesType/T004.3 VirtualMeters/T004.3 VirtualMeter					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="T004.3_VirtualMeterType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2010_YVe"/> <xs:element ref="D3001_MeterId"/> <xs:element ref="D3004_NrDigits"/> <xs:element ref="D3003_PhysicalMeterSize"/> <xs:element ref="D3002_ChargeableMeterSize"/> <xs:element ref="D3005_SewerageChargeableMeterSize"/> <xs:element ref="D3011_MeterReadFrequency"/> <xs:element ref="D3007_ReturnToSewerAllowance"/> <xs:element ref="D3013_MeterMake"/> <xs:element ref="D3014_ManufacturerMeterSerialNr"/> <xs:element ref="D5001_FreeDescriptor"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

complexType T006.0_LPWaterSPIDUpdateType

diagram	The diagram illustrates the structure of the T006.0_LPWaterSPIDUpdateType complex type. It is an extension of the MessageBody type. The MessageBody (extension) contains two attributes: MID (required, type MessageIdType) and RelatedMID (optional, type MessageIdType). The T006.0_LPWaterSPIDUpdateType contains a sequence of three elements: D2001_SPID (required, type MessageIdType), D2005_CustomerClassification (optional, type MessageIdType), and D2008_SICCode (optional, type MessageIdType). The D2001_SPID element is described as 'D2001 Unique identifier that Identifies each supply point and the service provided'. The D2005_CustomerClassification element is described as 'Customer classification for a SPID (e.g. Large Impact, Sensitive)'. The D2008_SICCode element is described as 'SIC Code applicable to a SPID'.						
namespace	urn:bridgeall-com:cmaservice:data:v3						
type	extension of MessageBody						
properties	base MessageBody						
children	D2001_SPID D2005_CustomerClassification D2008_SICCode						
used by	element MessagesType/T006.0_LPWaterSPIDUpdates/T006.0_LPWaterSPIDUpdate						
attributes	Name	Type	Use	Default	Fixed	Annotation	
	MID	MessageIdType	required				
	RelatedMID	MessageIdType	optional				
annotation	documentation						
source	<pre><xs:complexType name="T006.0_LPWaterSPIDUpdateType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2005_CustomerClassification" minOccurs="0"/> <xs:element ref="D2008_SICCode" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre>						

complexType T006.1_LPSewerageSPIDUpdateType

diagram	The diagram illustrates the structure of the T006.1_LPSewerageSPIDUpdateType complex type. It is an extension of the MessageBody type. The MessageBody (extension) contains two attributes: MID (required) and RelatedMID (optional). The T006.1_LPSewerageSPIDUpdateType contains a sequence of three elements: D2001_SPID (required), D2005_CustomerClassification (optional), and D2008_SICCode (optional). The D2001_SPID element is described as 'D2001 Unique identifier that Identifies each supply point and the service provided'. The D2005_CustomerClassification element is described as 'Customer classification for a SPID (e.g. Large Impact, Sensitive)'. The D2008_SICCode element is described as 'SIC Code applicable to a SPID'.					
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D2005_CustomerClassification D2008_SICCode					
used by	element MessagesType/T006.1_LPSewerageSPIDUpdates/T006.1_LPSewerageSPIDUpdate					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="T006.1_LPSewerageSPIDUpdateType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2005_CustomerClassification" minOccurs="0"/> <xs:element ref="D2008_SICCode" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

complexType T006.2_WaterSPIDUpdateType

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D2018_TroughsDrinkingBowls D2020_OutsideTaps D2014_FarmCroft					
used by	element MessagesType/T006.2_WaterSPIDUpdates/T006.2_WaterSPIDUpdate					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="T006.2_WaterSPIDUpdateType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2018_TroughsDrinkingBowls"/> <xs:element ref="D2020_OutsideTaps"/> <xs:element ref="D2014_FarmCroft"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

	<pre></xs:complexContent> </xs:complexType></pre>
--	---

complexType **T006.3_SewerageSPIDUpdateType**

diagram	T006.3_SewerageSPIDUpdateType MessageBody (extension) attributes MID RelatedMID D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D2016_PropertyDrainage Does SPID have this Service Element D2048_SAIndicator Indicates whether Property Drainage is charged on Surface Area, or on Live RV. D2012_SurfaceArea Surface Area of SP for Settlement Calculations D2017_RoadDrainage Does SPID have this Service Element D2045_MTSPID Used only for drainage-only SPIDs; identifies the Multi-Tenancy SPID the SPID is served by. D2046_MTSPIDFlag Used only for drainage-only SPIDs; identifies whether there is a Multi-Tenancy SPID for the identified SPID.
namespace	urn:bridgeall-com:cmaservice:data:v3
type	extension of MessageBody
properties	base MessageBody

children	D2001_SPID D2016_PropertyDrainage D2048_SAIIndicator D2012_SurfaceArea D2017_RoadDrainage D2045_MTSPID D2046_MTSPIDFlag					
used by	element	MessagesType/T006.3_SewerageSPIDUpdates/T006.3_SewerageSPIDUpdate				
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="T006.3_SewerageSPIDUpdateType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2016_PropertyDrainage"/> <xs:element ref="D2048_SAIIndicator" minOccurs="0"/> <xs:element ref="D2012_SurfaceArea" minOccurs="0"/> <xs:element ref="D2017_RoadDrainage"/> <xs:element ref="D2045_MTSPID" minOccurs="0"/> <xs:element ref="D2046_MTSPIDFlag" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

complexType T006.4_WaterSPIDNotificationType

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D2018_TroughsDrinkingBowls D2020_OutsideTaps D2014_FarmCroft					
used by	element ResponseMessageType/T006.4_WaterSPIDNotification					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="T006.4_WaterSPIDNotificationType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2018_TroughsDrinkingBowls"/> <xs:element ref="D2020_OutsideTaps"/> <xs:element ref="D2014_FarmCroft"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

	<pre></xs:complexContent> </xs:complexType></pre>
--	---

complexType **T006.5_SewerageSPIDNotificationType**

diagram	MessageBody (extension) attributes MID RelatedMID T006.5_SewerageSPIDNotification... D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D2016_PropertyDrainage Does SPID have this Service Element D2048_SAIndicator Indicates whether Property Drainage is charged on Surface Area, or on Live RV. D2012_SurfaceArea Surface Area of SP for Settlement Calculations D2017_RoadDrainage Does SPID have this Service Element D2045_MTSPID Used only for drainage-only SPIDs; identifies the Multi-Tenancy SPID the SPID is served by. D2046_MTSPIDFlag Used only for drainage-only SPIDs; identifies whether there is a Multi-Tenancy SPID for the identified SPID.
namespace	urn:bridgeall-com:cmaservice:data:v3
type	extension of MessageBody
properties	base MessageBody

children	D2001_SPID D2016_PropertyDrainage D2048_SAIIndicator D2012_SurfaceArea D2017_RoadDrainage D2045_MTSPID D2046_MTSPIDFlag					
used by	element	ResponseMessagesType/T006.5_SewerageSPIDNotification				
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="T006.5_SewerageSPIDNotificationType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2016_PropertyDrainage"/> <xs:element ref="D2048_SAIIndicator" minOccurs="0"/> <xs:element ref="D2012_SurfaceArea" minOccurs="0"/> <xs:element ref="D2017_RoadDrainage"/> <xs:element ref="D2045_MTSPID" minOccurs="0"/> <xs:element ref="D2046_MTSPIDFlag" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

complexType T006.6_ProvideLiveRateableValueType

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D2042_LiveRateableValue					

used by	element	MessagesType/T006.6_ProvideLiveRateableValues/T006.6_ProvideLiveRateableValue				
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="T006.6_ProvideLiveRateableValueType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2042_LiveRateableValue"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

complexType T006.7_ProvideLiveRateableValueNotificationType

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D2042_LiveRateableValue					
used by	element	ResponseMessagesType/T006.7_ProvideLiveRateableValueNotification				
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					

source	<pre> <xs:complexType name="T006.7_ProvideLiveRateableValueNotificationType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2042_LiveRateableValue"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>
--------	---

complexType T006.8_NotifySPIDDataType

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D2005_CustomerClassification D2008_SICCode					
used by	element ResponseMessagesType/T006.8_NotifySPIDDataNotification					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="T006.8_NotifySPIDDataType"> <xs:annotation> </pre>					

	<pre> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2005_CustomerClassification" minOccurs="0"/> <xs:element ref="D2008_SICCode" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>
--	--

complexType **T007.0_WaterConnectionCompleteType**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001 SPID D2013 ConnectionDate D2033 AccreditedEntityInstall					
used by	element	MessagesType/T007.0 WaterConnectionCompletes/T007.0 WaterConnectionComplete				
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<xs:complexType name="T007.0_WaterConnectionCompleteType">					

	<pre> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2013_ConnectionDate"/> <xs:element ref="D2033_AccreditedEntityInstall" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>
--	--

complexType **T009.4_NotificationType**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D1009_DuplicateMessageID D4004_ReturnCode					
used by	element ResponseMessagesType/T009.4_Notification					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="T009.4_NotificationType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> </pre>					

	<pre> <xs:element ref="D1009_DuplicateMessageID"/> <xs:element ref="D4004_ReturnCode"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>
--	--

complexType **T012.0_MiscSPIDUpdateType**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID Address D2043_LPConnectionRef D4003_Comment					
used by	element MessagesType/T012.0_MiscSPIDUpdates/T012.0_MiscSPIDUpdate					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="T012.0_MiscSPIDUpdateType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> </pre>					

	<pre> <xs:element name="Address" type="AddressType" minOccurs="0"/> <xs:element ref="D2043_LPConnectionRef" minOccurs="0"/> <xs:element ref="D4003_Comment" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>
--	--

element **T012.0_MiscSPIDUpdateType/Address**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	AddressType
properties	minOcc 0 maxOcc 1 content complex
children	D5002_SubBuildingName D5003_BuildingName D5004_BuildingNumber D5005_DependentThoroughfareName D5006_DependentThoroughfareDescriptor D5007_ThoroughfareName D5008_ThoroughfareDescriptor D5009_DoubleDependentLocality D5010_DependentLocality D5011_PostTown D5012_County D5013_Postcode
source	<pre> <xs:element name="Address" type="AddressType" minOccurs="0"/> </pre>

complexType T012.10_SPIDVariableDataUpdateType

diagram	The diagram illustrates the structure of the T012.10_SPIDVariableDataUpdateType complex type. It is an extension of the MessageBody type. The MessageBody (extension) contains two attributes: MID (required) and RelatedMID (optional). The T012.10_SPIDVariableDataUpdateType contains six elements: D2001_SPID (required), D4006_EffectiveFrom (required), D2005_CustomerClassification (optional), D2008_SICCode (optional), D2015_SPIDVacant (optional), and D4003_Comment (optional). Each element has a description: D2001_SPID is a unique identifier for each supply point and service; D4006_EffectiveFrom details the date data is effective from; D2005_CustomerClassification is the customer classification for a SPID; D2008_SICCode is the SIC code applicable to a SPID; D2015_SPIDVacant declares premises as vacant; and D4003_Comment is a generic text field for comments and notes.					
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D4006_EffectiveFrom D2005_CustomerClassification D2008_SICCode D2015_SPIDVacant D4003_Comment					
used by	element	MessagesType/T012.10_SPIDVariableDataUpdates/T012.10_SPIDVariableDataUpdate				
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre><xs:complexType name="T012.10_SPIDVariableDataUpdateType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent></pre>					

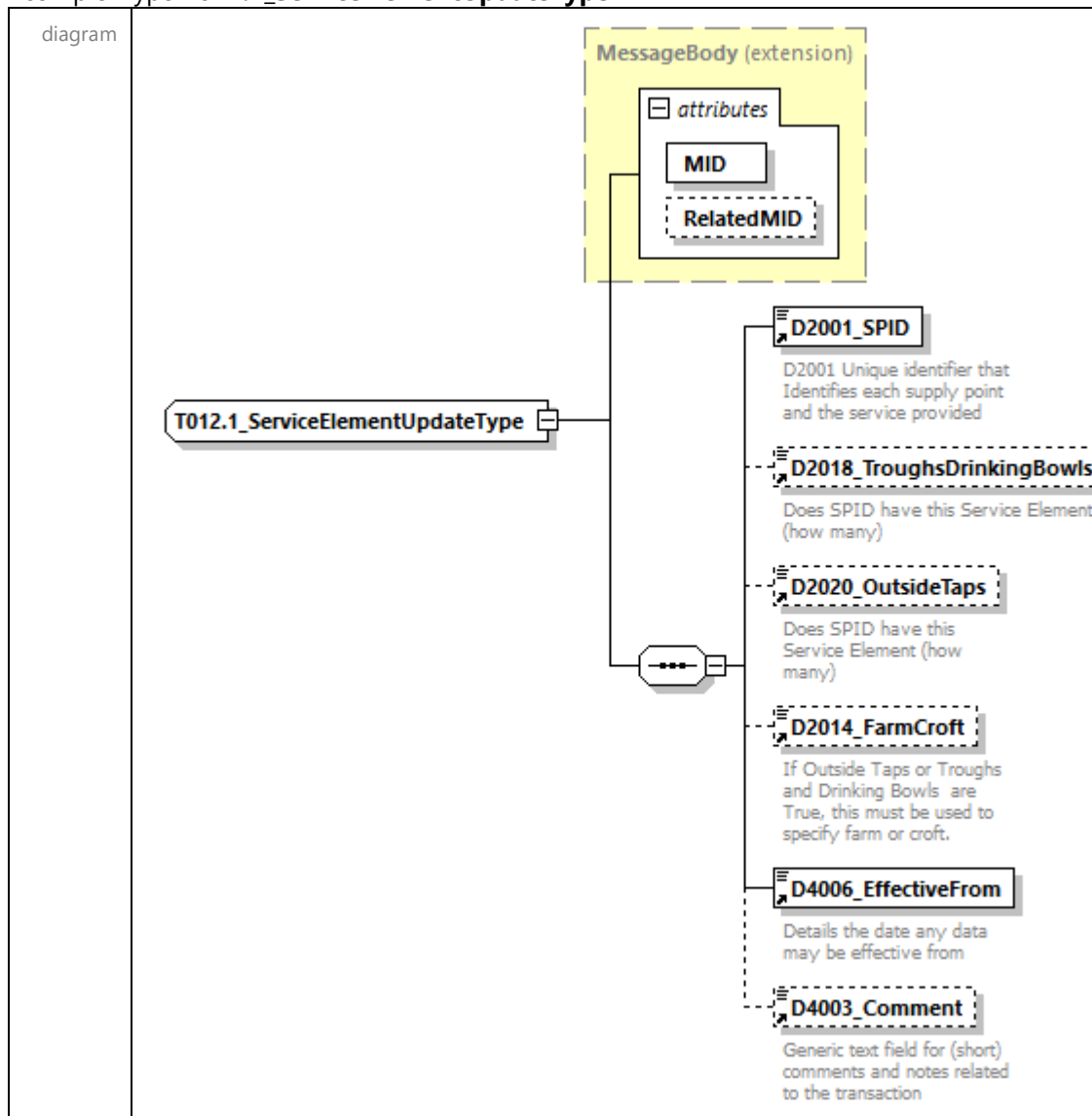
	<pre> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D4006_EffectiveFrom"/> <xs:element ref="D2005_CustomerClassification" minOccurs="0"/> <xs:element ref="D2008_SICCode" minOccurs="0"/> <xs:element ref="D2015_SPIDVacant" minOccurs="0"/> <xs:element ref="D4003_Comment" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>
--	---

complexType T012.11_NotifySPIDVariableDataType

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D4006_EffectiveFrom D2005_CustomerClassification D2008_SICCode					
used by	element ResponseMessagesType/T012.11_NotifySPIDVariableDataNotification					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					

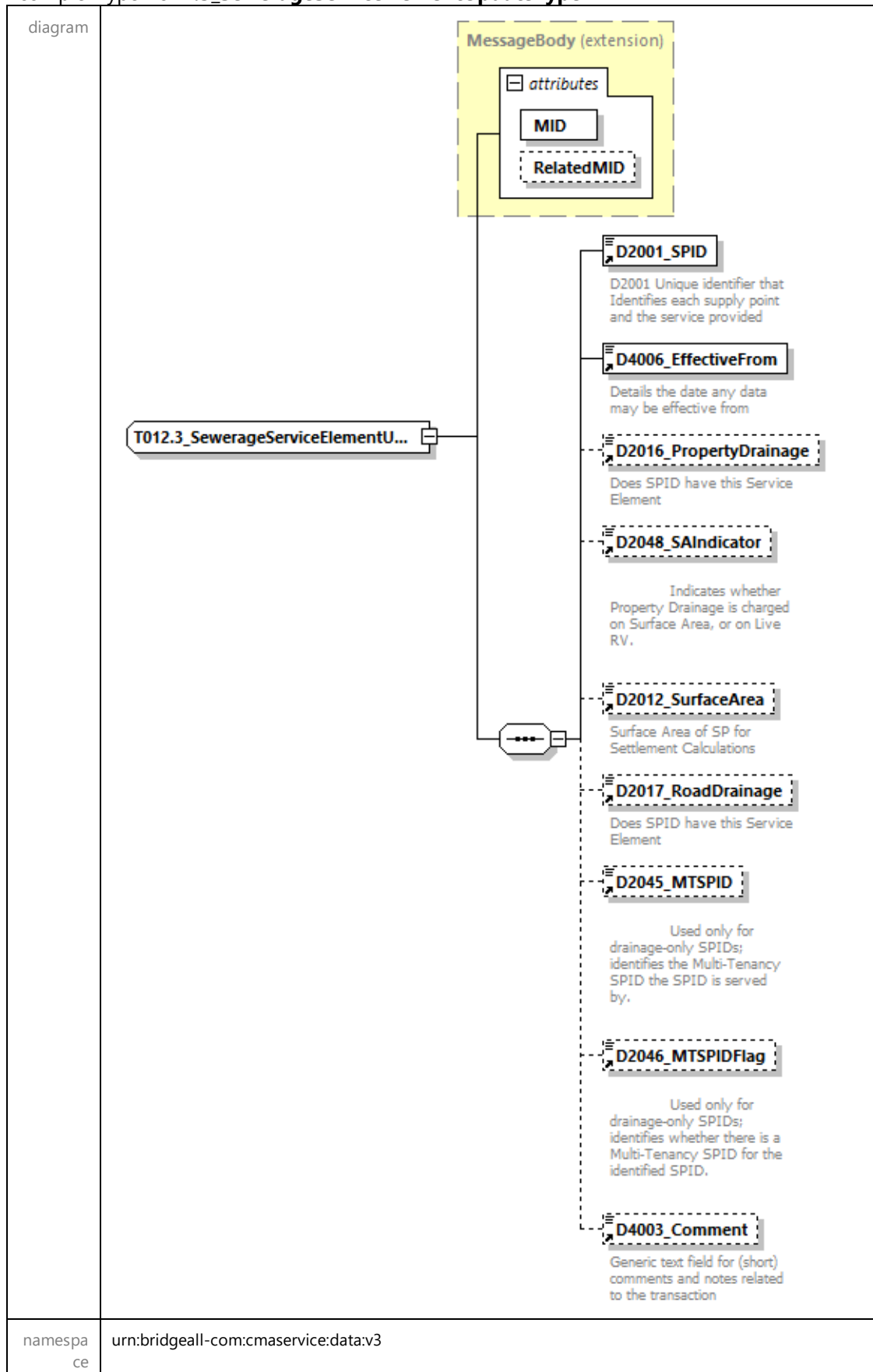
source	<pre> <xs:complexType name="T012.11_NotifySPIDVariableDataType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D4006_EffectiveFrom"/> <xs:element ref="D2005_CustomerClassification" minOccurs="0"/> <xs:element ref="D2008_SICCode" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>
--------	---

complexType T012.1_ServiceElementUpdateType



namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D2018_TroughsDrinkingBowls D2020_OutsideTaps D2014_FarmCroft D4006_EffectiveFrom D4003_Comment					
used by	element MessagesType/T012.1_ServiceElementUpdates/T012.1_ServiceElementUpdate					
attributes	Name MID RelatedMID	Type MessageIdType MessageIdType	Use required optional	Default	Fixed	Annotation
annotation	documentation					
source	<pre> <xs:complexType name="T012.1_ServiceElementUpdateType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2018_TroughsDrinkingBowls" minOccurs="0"/> <xs:element ref="D2020_OutsideTaps" minOccurs="0"/> <xs:element ref="D2014_FarmCroft" minOccurs="0"/> <xs:element ref="D4006_EffectiveFrom"/> <xs:element ref="D4003_Comment" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

complexType **T012.3_SewerageServiceElementUpdateType**



type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D4006_EffectiveFrom D2016_PropertyDrainage D2048_SAIndicator D2012_SurfaceArea D2017_RoadDrainage D2045_MTSPID D2046_MTSPIDFlag D4003_Comment					
used by	element	MessagesType/T012.3_SewerageServiceElementUpdates/T012.3_SewerageServiceElementUpdate				
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="T012.3_SewerageServiceElementUpdateType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D4006_EffectiveFrom"/> <xs:element ref="D2016_PropertyDrainage" minOccurs="0"/> <xs:element ref="D2048_SAIndicator" minOccurs="0"/> <xs:element ref="D2012_SurfaceArea" minOccurs="0"/> <xs:element ref="D2017_RoadDrainage" minOccurs="0"/> <xs:element ref="D2045_MTSPID" minOccurs="0"/> <xs:element ref="D2046_MTSPIDFlag" minOccurs="0"/> <xs:element ref="D4003_Comment" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

complexType T012.7_UpdateLiveRateableValueType

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D2042_LiveRateableValue D4006_EffectiveFrom					
used by	element MessagesType/T012.7_UpdateLiveRateableValues/T012.7_UpdateLiveRateableValue					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="T012.7_UpdateLiveRateableValueType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2042_LiveRateableValue"/> <xs:element ref="D4006_EffectiveFrom"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

complexType T012.8_UpdateLiveRateableValueNotificationType

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D2042_LiveRateableValue D4006_EffectiveFrom					
used by	element ResponseMessagesType/T012.8_UpdateLiveRateableValueNotification					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="T012.8_UpdateLiveRateableValueNotificationType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2042_LiveRateableValue"/> <xs:element ref="D4006_EffectiveFrom"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

complexType T012.9_NotifySPIDDataType

diagram																			
namespace	urn:bridgeall-com:cmaservice:data:v3																		
type	extension of MessageBody																		
properties	base MessageBody																		
children	D2001_SPID D2043_LPConnectionRef D4003_Comment Address																		
used by	element ResponseMessagesType/T012.9_NotifySPIDDataNotification																		
attributes	<table><tr><th>Name</th><th>Type</th><th>Use</th><th>Default</th><th>Fixed</th><th>Annotation</th></tr><tr><td>MID</td><td>MessageIdType</td><td>required</td><td></td><td></td><td></td></tr><tr><td>RelatedMID</td><td>MessageIdType</td><td>optional</td><td></td><td></td><td></td></tr></table>	Name	Type	Use	Default	Fixed	Annotation	MID	MessageIdType	required				RelatedMID	MessageIdType	optional			
Name	Type	Use	Default	Fixed	Annotation														
MID	MessageIdType	required																	
RelatedMID	MessageIdType	optional																	
annotation	documentation																		
source	<pre><xs:complexType name="T012.9_NotifySPIDDataType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2043_LPConnectionRef" minOccurs="0"/> <xs:element ref="D4003_Comment" minOccurs="0"/> <xs:element name="Address" type="AddressType" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre>																		

element **T012.9_NotifySPIDDataType/Address**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	AddressType
properties	minOcc 0 maxOcc 1 content complex
children	D5002_SubBuildingName D5003_BuildingName D5004_BuildingNumber D5005_DependentThoroughfareName D5006_DependentThoroughfareDescriptor D5007_ThoroughfareName D5008_ThoroughfareDescriptor D5009_DoubleDependentLocality D5010_DependentLocality D5011_PostTown D5012_County D5013_Postcode
source	<code><xs:element name="Address" type="AddressType" minOccurs="0"/></code>

complexType T016.0_UnmeasureableDeclarationType

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D2024_Unmeasurable D4006_EffectiveFrom					
used by	elements	MessagesType/T016.0 UnmeasureableDeclarations/T016.0 UnmeasureableDeclaration ResponseMessagesType/T016.1 UnmeasureableNotification				
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="T016.0_UnmeasureableDeclarationType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2024_Unmeasurable"/> <xs:element ref="D4006_EffectiveFrom"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

complexType T032.0_CreateUpdateCustomerNameType

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D2027_CustomerName D2028_CustomerNameType					
used by	element	MessagesType/T032.0_CreateUpdateCustomerName/T032.0_CreateUpdateCustomerName				
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="T032.0_CreateUpdateCustomerNameType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2027_CustomerName"/> <xs:element ref="D2028_CustomerNameType"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

complexType T032.1_CustomerNameUpdatedType

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D2027_CustomerName D2028_CustomerNameType					
used by	element ResponseMessageType/T032.1_CustomerNameUpdated					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="T032.1_CustomerNameUpdatedType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2027_CustomerName"/> <xs:element ref="D2028_CustomerNameType"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

complexType T033.0_MeteredBuilding

diagram	MessageBody (extension) attributes MID RelatedMID T033.0_MeteredBuilding D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D2029_MeteredBuildingWater D2029 Flag to indicate if the site is a metered building construction site D2030_MeteredBuildingWaterEffe... D2030 Date when the SPID became an metered building construction site (if D2029 = True) or was no longer a metered building construction site (if D2029 = False)																		
namespace	urn:bridgeall-com:cmaservice:data:v3																		
type	extension of MessageBody																		
properties	base MessageBody																		
children	D2001_SPID D2029_MeteredBuildingWater D2030_MeteredBuildingWaterEffectiveDate																		
used by	element MessagesType/T033.0 MeteredBuildings/T033.0_MeteredBuilding																		
attributes	<table><tr><th>Name</th><th>Type</th><th>Use</th><th>Default</th><th>Fixed</th><th>Annotation</th></tr><tr><td>MID</td><td>MessageIdType</td><td>required</td><td></td><td></td><td></td></tr><tr><td>RelatedMID</td><td>MessageIdType</td><td>optional</td><td></td><td></td><td></td></tr></table>	Name	Type	Use	Default	Fixed	Annotation	MID	MessageIdType	required				RelatedMID	MessageIdType	optional			
Name	Type	Use	Default	Fixed	Annotation														
MID	MessageIdType	required																	
RelatedMID	MessageIdType	optional																	
annotation	documentation																		
source	<pre><xs:complexType name="T033.0_MeteredBuilding"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2029_MeteredBuildingWater"/> <xs:element ref="D2030_MeteredBuildingWaterEffectiveDate"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre>																		

complexType T033.1_MeteredBuildingUpdate

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D2029_MeteredBuildingWater D2030_MeteredBuildingWaterEffectiveDate					
used by	element ResponseMessagesType/T033.1_MeteredBuildingUpdate					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="T033.1_MeteredBuildingUpdate"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2029_MeteredBuildingWater"/> <xs:element ref="D2030_MeteredBuildingWaterEffectiveDate"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

	<code></xs:complexContent></code> <code></xs:complexType></code>
--	---

complexType **T035.0_TradeabilityNotification**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D2013_ConnectionDate					
used by	element ResponseMessageType/T035.0_TradeabilityNotification					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="T035.0_TradeabilityNotification"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2013_ConnectionDate"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

complexType T035.1_TradeabilityNotification

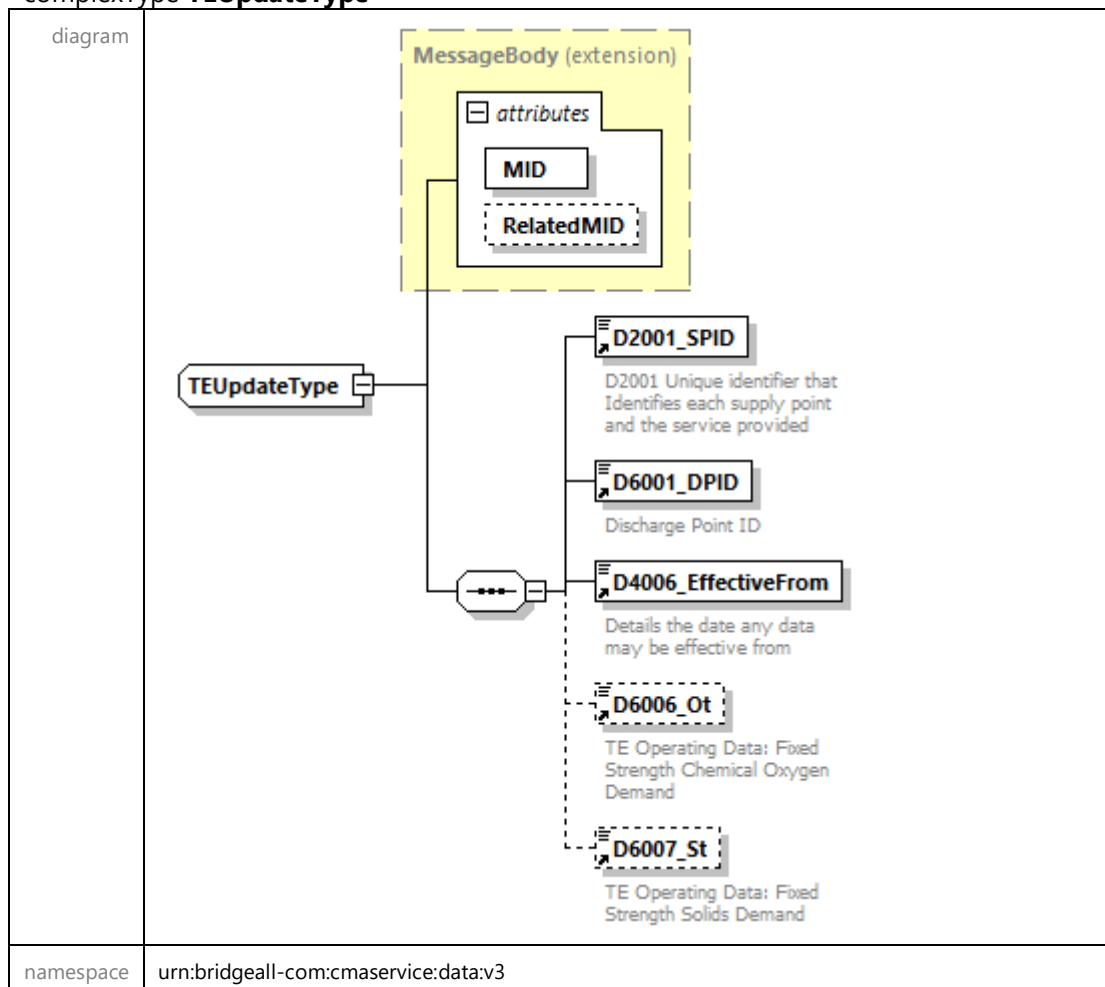
diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D2013_ConnectionDate					
used by	element ResponseMessagesType/T035.1_TradeabilityNotification					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="T035.1_TradeabilityNotification"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2013_ConnectionDate"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

complexType TerminationNotificationType

diagram	MessageBody (extension) attributes MID RelatedMID TerminationNotificationType D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D4001_OrgId D4001 Unique ID for each organisation (SW, Licensed Providers etc) transacting flows with CMA D4002_RegistrationStartDate D4002 Date SPID becomes registered to a Licensed Provider D4019_TransferReasonCode Used at Transfer Registration to specify a reason for the transfer D4003_Comment Generic text field for (short) comments and notes related to the transaction D2049_ProspectiveCustomer Used at Transfer Registration to identify the prospective customer (in the same format as for a Customer Name) where the reason for transfer is 'New Customer'. D2050_ProspectiveCustomerOccu... Used when a prospective customer is provided at Transfer Registration and identifies the date when such prospective customer is anticipated to have occupied the identified premises.
namespace	urn:bridgeall-com:cmaservice:data:v3
type	extension of MessageBody
properties	base MessageBody
children	D2001_SPID D4001_OrgId D4002_RegistrationStartDate D4019_TransferReasonCode D4003_Comment D2049_ProspectiveCustomer D2050_ProspectiveCustomerOccupancyDate
used by	element ResponseMessagesType/T008.0 TerminationNotification

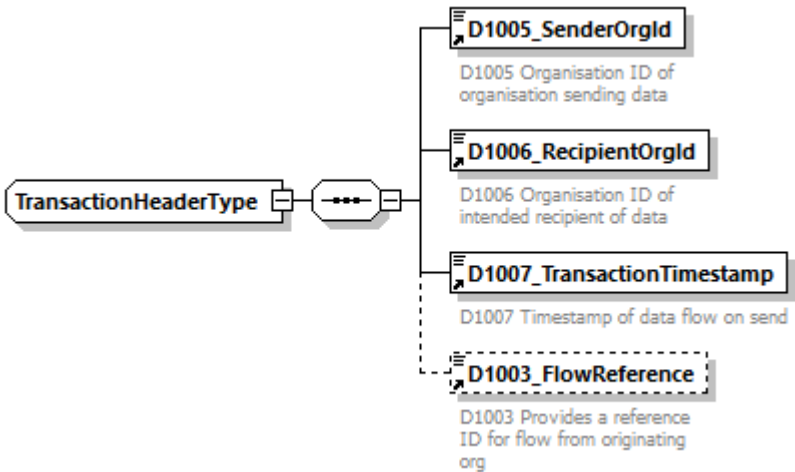
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
source	<pre> <xs:complexType name="TerminationNotificationType"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D4001_OrgId"/> <xs:element ref="D4002_RegistrationStartDate"/> <xs:element ref="D4019_TransferReasonCode"/> <xs:element ref="D4003_Comment" minOccurs="0"/> <xs:element ref="D2049_ProspectiveCustomer" minOccurs="0"/> <xs:element ref="D2050_ProspectiveCustomerOccupancyDate" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

complexType TEUpdateType



type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D6001_DPID D4006_EffectiveFrom D6006_Ot D6007_St					
used by	elements MessagesType/T022.0_TEUpdates/T022.0_TEUpdateResponseMessagesType/T022.1_TEUpdateNotification					
attributes	Name MID RelatedMID	Type MessageIdType MessageIdType	Use required optional	Default	Fixed	Annotation
annotation	documentation					
source	<pre> <xs:complexType name="TEUpdateType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D6001_DPID"/> <xs:element ref="D4006_EffectiveFrom"/> <xs:element ref="D6006_Ot" minOccurs="0"/> <xs:element ref="D6007_St" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

complexType **TransactionHeaderType**

diagram	 <pre> graph LR TH[TransactionHeaderType] -- sequence --> D1005[D1005_SenderOrgId] TH -- sequence --> D1006[D1006_RecipientOrgId] TH -- sequence --> D1007[D1007_TransactionTimestamp] TH -- sequence --> D1003[D1003_FlowReference] style D1003 stroke-dasharray: 5 5 </pre> D1005_SenderOrgId D1005 Organisation ID of organisation sending data D1006_RecipientOrgId D1006 Organisation ID of intended recipient of data D1007_TransactionTimestamp D1007 Timestamp of data flow on send D1003_FlowReference D1003 Provides a reference ID for flow from originating org					
namespace	urn:bridgeall-com:cmaservice:data:v3					
children	D1005_SenderOrgId D1006_RecipientOrgId D1007_TransactionTimestamp D1003_FlowReference					
used by	elements Submission/Header Response/ResponseHeader					
source	<pre> <xs:complexType name="TransactionHeaderType"> <xs:sequence> <xs:element ref="D1005_SenderOrgId"/> </pre>					

	<pre> <xs:element ref="D1006_RecipientOrgId"/> <xs:element ref="D1007_TransactionTimestamp"/> <xs:element ref="D1003_FlowReference" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>
--	---

complexType **UARNTYPE**

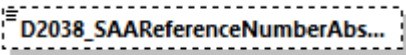
diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
children	D2037_SAAReferenceNumber D2052_SAAClass D2053_SAACoreDescription D2038_SAAReferenceNumberAbsenceCode
used by	elements NewSPIDRequestType/UARNData NewSPIDNotificationType/UARNData NewLPSPIDNotificationType/UARNData UpdateSAAReferenceNumberUPRNTType/UARNData UpdateSAAReferenceNumberUPRNNotificationType/UARNData WaterSPIDData/UARNData SewerageSPIDData/UARNData
source	<pre> <xs:complexType name="UARNTYPE"> <xs:sequence> <xs:element name="D2037_SAAReferenceNumber" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="80"/> <xs:whiteSpace value="preserve"/> <xs:pattern value="([a-z] [A-Z] [0-9] [\!#\$%'\(\)*\+\,\-\.\/:;=\?] [#34;] [#62;] [#38;])*"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="D2052_SAAClass" minOccurs="0"/> <xs:element ref="D2053_SAACoreDescription" minOccurs="0"/> <xs:element name="D2038_SAAReferenceNumberAbsenceCode" type="UARNAbsenceCodeType" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

element **UARNTYPE/D2037_SAAReferenceNumber**

diagram	
---------	--

namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:string		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	maxLength	80	
	whiteSpace	preserve	
	pattern	([a-z] [A-Z] [0-9][!#\$%'\(\)*\+, \-\.\/:;=\?]["][>][&])*	
source	<pre><xs:element name="D2037_SAAReferenceNumber" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="80"/> <xs:whiteSpace value="preserve"/> <xs:pattern value="([a-z] [A-Z] [0-9][!#\$%'\(\)*\+, \- \.\/:;=\?][&#34;][&#62;][&#38;])*"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

element **UARNTType/D2038_SAAReferenceNumberAbsenceCode**

diagram																																														
namespace	urn:bridgeall-com:cmaservice:data:v3																																													
type	UARNAbsenceCodeType																																													
properties	minOcc0 maxOcc1 contentsimple																																													
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>ME</td><td></td></tr><tr><td>enumeration</td><td>AG</td><td></td></tr><tr><td>enumeration</td><td>SR</td><td></td></tr><tr><td>enumeration</td><td>RC</td><td></td></tr><tr><td>enumeration</td><td>MT</td><td></td></tr><tr><td>enumeration</td><td>CU</td><td></td></tr><tr><td>enumeration</td><td>IP</td><td></td></tr><tr><td>enumeration</td><td>BW</td><td></td></tr><tr><td>enumeration</td><td>OT</td><td></td></tr><tr><td>enumeration</td><td>NR</td><td></td></tr><tr><td>enumeration</td><td>CP</td><td></td></tr><tr><td>enumeration</td><td>TS</td><td></td></tr><tr><td>enumeration</td><td>CF</td><td></td></tr><tr><td>enumeration</td><td>EX</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	ME		enumeration	AG		enumeration	SR		enumeration	RC		enumeration	MT		enumeration	CU		enumeration	IP		enumeration	BW		enumeration	OT		enumeration	NR		enumeration	CP		enumeration	TS		enumeration	CF		enumeration	EX	
Kind	Value	Annotation																																												
enumeration	ME																																													
enumeration	AG																																													
enumeration	SR																																													
enumeration	RC																																													
enumeration	MT																																													
enumeration	CU																																													
enumeration	IP																																													
enumeration	BW																																													
enumeration	OT																																													
enumeration	NR																																													
enumeration	CP																																													
enumeration	TS																																													
enumeration	CF																																													
enumeration	EX																																													
source	<pre><xs:element name="D2038_SAAReferenceNumberAbsenceCode" type="UARNAbsenceCodeType" minOccurs="0"/></pre>																																													

complexType **UpdateMeterLocationNotificationType**

diagram							
namespace	urn:bridgeall-com:cmaservice:data:v3						
type	extension of MessageBody						
properties	base MessageBody						
children	D2001_SPID D3001_MeterId D3019_GISZFreeDescriptor D3025_MeterLocationCode						
used by	element ResponseMessagesType/T013.3_UpdateMeterLocationNotification						
attributes	Name	Type	Use	Default	Fixed	Annotation	
	MID	MessageIdType	required				
	RelatedMID	MessageIdType	optional				
annotation	documentation						
source	<pre><xs:complexType name="UpdateMeterLocationNotificationType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID" minOccurs="0"/> <xs:element ref="D3001_MeterId"/> <xs:element ref="D3019_GISZFreeDescriptor" minOccurs="0"/> <xs:element ref="D3025_MeterLocationCode" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre>						

complexType **UpdateMeterLocationType**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID D3001_MeterId D3019_GISZFreeDescriptor D3025_MeterLocationCode					
used by	element MessagesType/T013.2 UpdateMeterLocations/T013.2 UpdateMeterLocation					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="UpdateMeterLocationType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID" minOccurs="0"/> <xs:element ref="D3001_MeterId"/> <xs:element ref="D3019_GISZFreeDescriptor" minOccurs="0"/> <xs:element ref="D3025_MeterLocationCode" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

	<pre></xs:complexContent> </xs:complexType></pre>
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complexType **UpdateSAReferenceNumberUPRNNotificationType**

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001_SPID UARNDData UPRNDData					
used by	element ResponseMessagesType/T012.6 UpdateSAReferenceNumberUPRNNotification					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre><xs:complexType name="UpdateSAReferenceNumberUPRNNotificationType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element name="UARNDData" type="UARNTType" minOccurs="0"/> <xs:element name="UPRNDData" type="UPRNTType" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre>					

element **UpdateSAAResponseNumberUPRNNotificationType/UARNData**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	UARNTYPE
properties	minOcc 0 maxOcc 1 content complex
children	D2037_SAAResponseNumber D2052_SAAClass D2053_SAACoreDescription D2038_SAAResponseNumberAbsenceCode
source	<code><xs:element name="UARNData" type="UARNTYPE" minOccurs="0"/></code>

element **UpdateSAAResponseNumberUPRNNotificationType/UPRNData**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	UPRNTYPE
properties	minOcc 0 maxOcc 1 content complex
children	D2039_UPRN D2040_UPRNAbsenceCode
source	<code><xs:element name="UPRNData" type="UPRNTYPE" minOccurs="0"/></code>

complexType UpdateSAReferenceNumberUPRNTType

diagram						
namespace	urn:bridgeall-com:cmaservice:data:v3					
type	extension of MessageBody					
properties	base MessageBody					
children	D2001 SPID UARNDData UPRNDData					
used by	element	MessagesType/T012.5 UpdateSAReferenceNumberUPRNs/T012.5 UpdateSAReferenceNumberUPRN				
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="UpdateSAReferenceNumberUPRNTType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element name="UARNDData" type="UARNTYPE" minOccurs="0"/> <xs:element name="UPRNDData" type="UPRNTYPE" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

element **UpdateSAARefereceNumberUPRNTType/UARNData**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	UARNTType
properties	minOcc 0 maxOcc 1 content complex
children	D2037 SAARefereceNumber D2052 SAAClass D2053 SAACoreDescription D2038 SAARefereceNumberAbsenceCode
source	<code><xs:element name="UARNData" type="UARNTType" minOccurs="0"/></code>

element **UpdateSAARefereceNumberUPRNTType/UPRNDData**

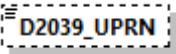
diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	UPRNTType
properties	minOcc 0 maxOcc 1 content complex
children	D2039 UPRN D2040 UPRNAbsenceCode
source	<code><xs:element name="UPRNDData" type="UPRNTType" minOccurs="0"/></code>

complexType **UPRNTType**

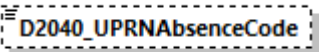
diagram	
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namespace	urn:bridgeall-com:cmaservice:data:v3
children	D2039_UPRN D2040_UPRNAbsenceCode
used by	elements NewSPIDRequestType/UPRNData NewSPIDNotificationType/UPRNData NewLPSPIDNotificationType/UPRNData UpdateSAAResponseNumberUPRNType/UPRNData UpdateSAAResponseNumberUPRNNotificationType/UPRNData WaterSPIDData/UPRNData SewerageSPIDData/UPRNData
source	<pre> <xs:complexType name="UPRNType"> <xs:sequence> <xs:element name="D2039_UPRN" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="12"/> <xs:fractionDigits value="0"/> <xs:minInclusive value="0"/> <xs:maxInclusive value="999999999999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="D2040_UPRNAbsenceCode" type="UPRNAbsenceCodeType" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre>

element **UPRNType/D2039_UPRN**

diagram			
namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:decimal		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	999999999999	
	totalDigits	12	
	fractionDigits	0	
source	<pre> <xs:element name="D2039_UPRN" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="12"/> <xs:fractionDigits value="0"/> <xs:minInclusive value="0"/> <xs:maxInclusive value="999999999999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>		

element **UPRNType/D2040_UPRNAbsenceCode**

diagram	
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namespace	urn:bridgeall-com:cmaservice:data:v3		
type	UPRNAbsenceCodeType		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	enumeration	ME	
	enumeration	AG	
	enumeration	SR	
	enumeration	RC	
	enumeration	MT	
	enumeration	CU	
	enumeration	IP	
	enumeration	BW	
	enumeration	OT	
	enumeration	PL	
	enumeration	TS	
	enumeration	CF	
	enumeration	CP	
source	<xs:element name="D2040_UPRNAbsenceCode" type="UPRNAbsenceCodeType" minOccurs="0"/>		

complexType **WaterSPIDDataType**

diagram	WaterSPIDDataType MessageBody (extension) attributes MID RelatedMID D2001_SPID D2001 Unique identifier that Identifies each supply point and the service provided D2005_CustomerClassification Customer classification for a SPID (e.g. Large Impact, Sensitive) D2008_SICCode SIC Code applicable to a SPID D2042_LiveRateableValue Live Rateable Value of Eligible Premises in [£] D2018_TroughsDrinkingBowls Does SPID have this Service Element (how many) D2020_OutsideTaps Does SPID have this Service Element (how many) D2014_FarmCroft If Outside Taps or Troughs and Drinking Bowls are True, this must be used to specify farm or croft. D2015_SPIDVacant Declares premises for the SPID as vacant Address D2024_Unmeasurable UARNDData UPRNDData
namespace	urn:bridgeall-com:cmaservice:data:v3
type	extension of MessageBody

properties	base MessageBody					
children	D2001_SPID D2005_CustomerClassification D2008_SICCode D2042_LiveRateableValue D2018_TroughsDrinkingBowls D2020_OutsideTaps D2014_FarmCroft D2015_SPIDVacant Address D2024_Unmeasurable UARNDData UPRNDData					
used by	element ResponseMessageType/T019.0_WaterSPIDData					
attributes	Name	Type	Use	Default	Fixed	Annotation
	MID	MessageIdType	required			
	RelatedMID	MessageIdType	optional			
annotation	documentation					
source	<pre> <xs:complexType name="WaterSPIDDataType"> <xs:annotation> <xs:documentation> </xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="MessageBody"> <xs:sequence> <xs:element ref="D2001_SPID"/> <xs:element ref="D2005_CustomerClassification"/> <xs:element ref="D2008_SICCode" minOccurs="0"/> <xs:element ref="D2042_LiveRateableValue"/> <xs:element ref="D2018_TroughsDrinkingBowls"/> <xs:element ref="D2020_OutsideTaps"/> <xs:element ref="D2014_FarmCroft"/> <xs:element ref="D2015_SPIDVacant"/> <xs:element name="Address" type="AddressType"/> <xs:element ref="D2024_Unmeasurable"/> <xs:element name="UARNDData" type="UARNTYPE"/> <xs:element name="UPRNDData" type="UPRNTYPE"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>					

element **WaterSPIDDataType/Address**

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	AddressType
properties	content complex
children	D5002_SubBuildingName D5003_BuildingName D5004_BuildingNumber D5005_DependentThoroughfareName D5006_DependentThoroughfareDescriptor D5007_ThoroughfareName D5008_ThoroughfareDescriptor D5009_DoubleDependentLocality D5010_DependentLocality D5011_PostTown D5012_County D5013_Postcode
source	<code><xs:element name="Address" type="AddressType"/></code>

element **WaterSPIDData**Type/UARNDData

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	UARNTType
properties	content complex
children	D2037_SAAReferenceNumber D2052_SAAClass D2053_SAACoreDescription D2038_SAAReferenceNumberAbsenceCode
source	<code><xs:element name="UARNDData" type="UARNTType"/></code>

element **WaterSPIDData**Type/UPRNDData

diagram	
namespace	urn:bridgeall-com:cmaservice:data:v3
type	UPRNTType
properties	content complex
children	D2039_UPRN D2040_UPRNAbsenceCode
source	<code><xs:element name="UPRNDData" type="UPRNTType"/></code>

simpleType **AllocationMethod**Type

namespace	urn:bridgeall-com:cmaservice:data:v3
type	restriction of xs:string
properties	base xs:string
used by	element D2034_AllocationMethod
facets	Kind Value Annotation

	enumeration Associated SPID enumeration Rotation enumeration N/A						
annotation	documentation Enumeration of AllocationMethodType <table> <tr><td>Associated SPID</td><td>0</td></tr> <tr><td>Rotation</td><td>1</td></tr> <tr><td>N/A</td><td>2</td></tr> </table>	Associated SPID	0	Rotation	1	N/A	2
Associated SPID	0						
Rotation	1						
N/A	2						
source	<pre> <xs:simpleType name="AllocationMethodType"> <xs:annotation> <xs:documentation> Enumeration of AllocationMethodType Associated SPID 0 Rotation 1 N/A 2 </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="Associated SPID"/> <xs:enumeration value="Rotation"/> <xs:enumeration value="N/A"/> </xs:restriction> </xs:simpleType> </pre>						

simpleType **CancellationCodeType**

namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:string		
properties	base xs:string		
used by	element	D4005 CancellationCode	
facets	Kind	Value	Annotation
	enumeration	E	
	enumeration	D	
	enumeration	C	
	enumeration	PL	
	enumeration	P	
	enumeration	UN	
	enumeration	UW	
	enumeration	NN	
	enumeration	F	
annotation	documentation		
	E Erroneous transfer (Incoming Licensed Provider)		
	D Outstanding debt (Outgoing Licensed Provider)		
	C Contract in term (Outgoing Licensed Provider)		
	PL PoLR cancels the transfer (Incoming Licensed Provider)		
	P Permanent Disconnection requested (Outgoing Licensed Provider)		
	UN Unauthorised transfer - Customer did not agree to the transfer (Outgoing Licensed Provider)		
	UW Unauthorised transfer - Customer withdrew their agreement to the transfer (Outgoing Licensed Provider)		
	NN No New Customer registered at the premises (Outgoing Licensed Provider)		
	F Self-Supplier (Outgoing or Incoming Licensed Provider)		

source	<pre> <xs:simpleType name="CancellationCodeType"> <xs:annotation> <xs:documentation> E Erroneous transfer (Incoming Licensed Provider) D Outstanding debt (Outgoing Licensed Provider) C Contract in term (Outgoing Licensed Provider) PL PoLR cancels the transfer (Incoming Licensed Provider) P Permanent Disconnection requested (Outgoing Licensed Provider) UN Unauthorised transfer - Customer did not agree to the transfer (Outgoing Licensed Provider) UW Unauthorised transfer - Customer withdrew their agreement to the transfer (Outgoing Licensed Provider) NN No New Customer registered at the premises (Outgoing Licensed Provider) F Self-Supplier (Outgoing or Incoming Licensed Provider) </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="E"/> <xs:enumeration value="D"/> <xs:enumeration value="C"/> <xs:enumeration value="PL"/> <xs:enumeration value="P"/> <xs:enumeration value="UN"/> <xs:enumeration value="UW"/> <xs:enumeration value="NN"/> <xs:enumeration value="F"/> </xs:restriction> </xs:simpleType> </pre>
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simpleType **CryptographicHashAlgorithm**

namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:string		
properties	base	xs:string	
facets	Kind enumeration	Value SHA256	Annotation
annotation	documentation Enumeration of Cryptographic Hash Algorithms SHA256		
source	<pre><xs:simpleType name="CryptographicHashAlgorithm"> <xs:annotation> <xs:documentation> Enumeration of Cryptographic Hash Algorithms SHA256 </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="SHA256"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **CustomerClassificationType**

namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:string		
properties	base	xs:string	
used by	element	D2005 CustomerClassification	
facets	Kind	Value	Annotation
	enumeration	LIC	
	enumeration	SST	
	enumeration	NA	
	enumeration	CRT	
annotation	documentation		
	Enumeration of Customer Classification types LIC Large Impact Customer SST Sensitive Customer NA Not Applicable CRT Critical Customer		
source	<pre><xs:simpleType name="CustomerClassificationType"> <xs:annotation> <xs:documentation> Enumeration of Customer Classification types LIC Large Impact Customer SST Sensitive Customer NA Not Applicable CRT Critical Customer </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="LIC"/> <xs:enumeration value="SST"/> <xs:enumeration value="NA"/> <xs:enumeration value="CRT"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **CustomerNameType**

simpleType CustomerNameType										
namespace	urn:bridgeall-com:cmaservice:data:v3									
type	restriction of xs:string									
properties	base xs:string									
used by	element D2028 CustomerNameType									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>Customer</td><td></td></tr><tr><td>enumeration</td><td>Developer</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	Customer		enumeration	Developer	
Kind	Value	Annotation								
enumeration	Customer									
enumeration	Developer									
annotation	documentation Enumeration of Customer Name types Customer Developer									
source	<xs:simpleType name="CustomerNameType">									

	<pre> <xs:annotation> <xs:documentation> Enumeration of Customer Name types Customer Developer </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="Customer"/> <xs:enumeration value="Developer"/> </xs:restriction> </xs:simpleType> </pre>
--	--

simpleType **decimal18**

namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:decimal		
properties	base	xs:decimal	
used by	elements	D6002 TEYVe D6003 CDV D6004 sBODL D6005 TSSL D6006 Ot D6007 St	
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	9999999999	
	totalDigits	18	
	fractionDigits	8	
source	<pre> <xs:simpleType name="decimal18"> <xs:restriction base="xs:decimal"> <xs:totalDigits value="18"/> <xs:fractionDigits value="8"/> <xs:minInclusive value="0"/> <xs:maxInclusive value="9999999999"/> </xs:restriction> </xs:simpleType> </pre>		

simpleType **FarmCroftType**

namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:string		
properties	base	xs:string	
used by	element	D2014 FarmCroft	
facets	Kind	Value	Annotation
	enumeration	FARM	
	enumeration	CROFT	
	enumeration	NA	
annotation	documentation <pre> Enumeration of FARM Farm CROFT Croft NA N/A </pre>		
source	<pre> <xs:simpleType name="FarmCroftType"> <xs:annotation> <xs:documentation> </pre>		

	Enumeration of FARM Farm CROFT Croft NA N/A <pre> </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="FARM"/> <xs:enumeration value="CROFT"/> <xs:enumeration value="NA"/> </xs:restriction> </xs:simpleType> </pre>
--	---

simpleType guid

namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:string		
properties	base	xs:string	
used by	attribute	Handshakes/HandShake/@D1003 FlowReference	
facets	Kind	Value	Annotation
	pattern	[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}	
source	<pre><xs:simpleType name="guid"> <xs:restriction base="xs:string"> <xs:pattern value="[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}"/> </xs:restriction> </xs:simpleType></pre>		

simpleType MessageIdType

namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:string		
properties	base xs:string		
used by	attributes MessageBody/@MID MessageBody/@RelatedMID		
facets	Kind	Value	Annotation
	minLength	16	
	maxLength	16	
	pattern	([a-z] [A-Z] [0-9])*	
source	<pre><xs:simpleType name="MessageIdType"> <xs:restriction base="xs:string"> <xs:maxLength value="16"/> <xs:minLength value="16"/> <xs:pattern value="([a-z] [A-Z] [0-9])*"/> </xs:restriction> </xs:simpleType></pre>		

simpleType MeterLocationCodeType

namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:string		

properties	base xs:string																								
used by	element D3025 MeterLocationCode																								
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>M1</td><td></td></tr><tr><td>enumeration</td><td>M2</td><td></td></tr><tr><td>enumeration</td><td>M3</td><td></td></tr><tr><td>enumeration</td><td>M4</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	M1		enumeration	M2		enumeration	M3		enumeration	M4										
Kind	Value	Annotation																							
enumeration	M1																								
enumeration	M2																								
enumeration	M3																								
enumeration	M4																								
annotation	<table><thead><tr><th colspan="4">documentation</th></tr></thead><tbody><tr><td colspan="4">Meter Location Code</td></tr><tr><td>M1</td><td>0</td><td colspan="2">Outside the property boundary</td></tr><tr><td>M2</td><td>1</td><td colspan="2">Just inside the property boundary</td></tr><tr><td>M3</td><td>2</td><td colspan="2">Further inside the property boundary</td></tr><tr><td>M4</td><td>3</td><td colspan="2">Inside the building</td></tr></tbody></table>	documentation				Meter Location Code				M1	0	Outside the property boundary		M2	1	Just inside the property boundary		M3	2	Further inside the property boundary		M4	3	Inside the building	
documentation																									
Meter Location Code																									
M1	0	Outside the property boundary																							
M2	1	Just inside the property boundary																							
M3	2	Further inside the property boundary																							
M4	3	Inside the building																							
source	<pre><xs:simpleType name="MeterLocationCodeType"> <xs:annotation> <xs:documentation> Meter Location Code M1 0 Outside the property boundary M2 1 Just inside the property boundary M3 2 Further inside the property boundary M4 3 Inside the building </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="M1"/> <xs:enumeration value="M2"/> <xs:enumeration value="M3"/> <xs:enumeration value="M4"/> </xs:restriction> </xs:simpleType></pre>																								

simpleType **MeterTreatmentType**

namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:string		
properties	base xs:string		
used by	element	D3022 MeterTreatment	
facets	Kind	Value	Annotation
	enumeration	SWWater	
	enumeration	PrivateWater	
	enumeration	PrivateEffluent	
	enumeration	TankeredEffluent	
	enumeration	LogicalWater	
	enumeration	PseudoWater	
annotation	documentation		
	Enumeration of Meter Treatment indicator		
	SWWater		0
	PrivateWater		1
	PrivateEffluent		2
	TankeredEffluent	3	
	LogicalWater		4
PseudoWater		5	

source	<pre> <xs:simpleType name="MeterTreatmentType"> <xs:annotation> <xs:documentation> Enumeration of Meter Treatment indicator SWWater 0 PrivateWater 1 PrivateEffluent 2 TankeredEffluent 3 LogicalWater 4 PseudoWater 5 </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="SWWater"/> <xs:enumeration value="PrivateWater"/> <xs:enumeration value="PrivateEffluent"/> <xs:enumeration value="TankeredEffluent"/> <xs:enumeration value="LogicalWater"/> <xs:enumeration value="PseudoWater"/> </xs:restriction> </xs:simpleType> </pre>

simpleType **NewConnectionType**

namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:string		
properties	base xs:string		
used by	element D2023 NewConnectionType		
facets	Kind	Value	Annotation
	enumeration	NEW	
	enumeration	GS	
	enumeration	CU	
	enumeration	TTE	
annotation	documentation New Connection Type NEW New GS Gap Site CU Change of Use TTE Temporary Transfer Ended		
source	<pre><xs:simpleType name="NewConnectionType"> <xs:annotation> <xs:documentation> New Connection Type NEW New GS Gap Site CU Change of Use TTE Temporary Transfer Ended </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="NEW"/> <xs:enumeration value="GS"/></pre>		

	<pre> <xs:enumeration value="CU"/> <xs:enumeration value="TTE"/> </xs:restriction> </xs:simpleType> </pre>
--	--

simpleType **percentage**

namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:decimal		
properties	base xs:decimal		
used by	elements D2003 Schedule3 D2006 29e D2041 PcentExemption D3007 ReturnToSewerAllowance D3024 MDVol D6012 PcentAllowance		
facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	100	
	totalDigits	5	
	fractionDigits	2	
source	<pre><xs:simpleType name="percentage"> <xs:restriction base="xs:decimal"> <xs:totalDigits value="5"/> <xs:fractionDigits value="2"/> <xs:minInclusive value="0"/> <xs:maxInclusive value="100"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **ReadFrequencyType**

namespace	urn:bridgeall-com:cmaservice:data:v3												
type	restriction of xs:string												
properties	base xs:string												
used by	element D3011 MeterReadFrequency												
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>B</td><td></td></tr><tr><td>enumeration</td><td>M</td><td></td></tr><tr><td>enumeration</td><td>N</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	B		enumeration	M		enumeration	N	
Kind	Value	Annotation											
enumeration	B												
enumeration	M												
enumeration	N												
annotation	documentation <table><tbody><tr><td></td><td>Enumeration of Meter Read Frequency</td></tr><tr><td>B</td><td>Bi-annually</td></tr><tr><td>M</td><td>Monthly</td></tr><tr><td>N</td><td>Never</td></tr></tbody></table>		Enumeration of Meter Read Frequency	B	Bi-annually	M	Monthly	N	Never				
	Enumeration of Meter Read Frequency												
B	Bi-annually												
M	Monthly												
N	Never												
source	<pre><xs:simpleType name="ReadFrequencyType"> <xs:annotation> <xs:documentation> Enumeration of Meter Read Frequency B Bi-annually M Monthly N Never </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"></pre>												

	<pre> <xs:enumeration value="B"/> <xs:enumeration value="M"/> <xs:enumeration value="N"/> </xs:restriction> </xs:simpleType> </pre>
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simpleType **ReadType**

namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:string		
properties	base	xs:string	
used by	element	D3010_MeterReadType	
facets	Kind	Value	Annotation
	enumeration	O	
	enumeration	E	
	enumeration	I	
	enumeration	F	
	enumeration	C	
	enumeration	U	
	enumeration	T	
	enumeration	X	
	enumeration	Y	
	enumeration	R	
	enumeration	S	
	enumeration	D	
annotation	documentation		
	Enumeration of Meter Read Types		
	O	Opening Read	
	E	End Read	
	I	Initial Read	
	F	Final Read	
	C	Cyclic Read	
	U	Customer Read - if Cyclic Read supplied by Customer	
	T	Transfer Read	
	X	Temporary Disconnection	
	Y	Reconnection	
	R	AMR/Remote Read	
	S	Estimated T Read	
	D	Dereg Read	
source	<pre><xs:simpleType name="ReadType"> <xs:annotation> <xs:documentation> Enumeration of Meter Read Types O Opening Read E End Read I Initial Read F Final Read C Cyclic Read U Customer Read - if Cyclic Read supplied by Customer T Transfer Read X Temporary Disconnection Y Reconnection R AMR/Remote Read S Estimated T Read D Dereg Read </xs:documentation> </xs:annotation> </xs:simpleType></pre>		

	<pre> </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="O"/> <xs:enumeration value="E"/> <xs:enumeration value="I"/> <xs:enumeration value="F"/> <xs:enumeration value="C"/> <xs:enumeration value="U"/> <xs:enumeration value="T"/> <xs:enumeration value="X"/> <xs:enumeration value="Y"/> <xs:enumeration value="R"/> <xs:enumeration value="S"/> <xs:enumeration value="D"/> </xs:restriction> </xs:simpleType> </pre>
--	--

simpleType **ReturnCodeType**

namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:string		
properties	base xs:string		
used by	element D4004 ReturnCode		
facets	Kind	Value	Annotation
	enumeration	AA	
	enumeration	AB	
	enumeration	AC	
	enumeration	AD	
	enumeration	AE	
	enumeration	AF	
	enumeration	AG	
	enumeration	AH	
	enumeration	AI	
	enumeration	AJ	
	enumeration	AK	
	enumeration	AL	
	enumeration	AM	
	enumeration	AN	
	enumeration	AO	
	enumeration	AP	
	enumeration	AQ	
	enumeration	AR	
	enumeration	AS	
	enumeration	AT	
	enumeration	AU	
	enumeration	AV	
	enumeration	AW	
	enumeration	AX	
	enumeration	AY	
	enumeration	AZ	
	enumeration	BA	
	enumeration	BB	
	enumeration	BC	
	enumeration	BD	
	enumeration	BE	

enumeration	BF
enumeration	BG
enumeration	BH
enumeration	BI
enumeration	BL
enumeration	BN
enumeration	BV
enumeration	BZ
enumeration	OK
enumeration	DA
enumeration	DB
enumeration	DC
enumeration	DD
enumeration	DE
enumeration	DF
enumeration	DG
enumeration	DH
enumeration	DI
enumeration	DJ
enumeration	DK
enumeration	DL
enumeration	DM
enumeration	DN
enumeration	DO
enumeration	DP
enumeration	DQ
enumeration	DR
enumeration	DS
enumeration	DT
enumeration	DU
enumeration	DV
enumeration	DW
enumeration	DX
enumeration	DY
enumeration	DZ
enumeration	EA
enumeration	EB
enumeration	EC
enumeration	ED
enumeration	EE
enumeration	EF
enumeration	EG
enumeration	EH
enumeration	EI
enumeration	EJ
enumeration	EK
enumeration	EL
enumeration	EM
enumeration	EN
enumeration	EO
enumeration	EP
enumeration	EQ
enumeration	ER
enumeration	ES
enumeration	ET
enumeration	EU
enumeration	EV
enumeration	EW

enumeration	EX
enumeration	EY
enumeration	EZ
enumeration	FA
enumeration	FB
enumeration	FC
enumeration	FD
enumeration	FE
enumeration	FF
enumeration	FG
enumeration	FH
enumeration	FI
enumeration	FJ
enumeration	FK
enumeration	FL
enumeration	FM
enumeration	FN
enumeration	FO
enumeration	FP
enumeration	FQ
enumeration	FR
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enumeration	FT
enumeration	FU
enumeration	FV
enumeration	FW
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enumeration	GB
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enumeration	GD
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enumeration	GQ
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enumeration	GU
enumeration	GV
enumeration	GW
enumeration	GX
enumeration	GY
enumeration	GZ
enumeration	HA
enumeration	HB
enumeration	HC

enumeration	HD
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enumeration	IZ
enumeration	JA
enumeration	JB
enumeration	JC
enumeration	JD
enumeration	JE
enumeration	JF
enumeration	JG
enumeration	JH
enumeration	JI

enumeration	JJ
enumeration	JK
enumeration	JL
enumeration	JM
enumeration	JN
enumeration	JO
enumeration	JP
enumeration	JQ
enumeration	JR
enumeration	JS
enumeration	JT
enumeration	JU
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enumeration	JX
enumeration	JY
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enumeration	KC
enumeration	KD
enumeration	KE
enumeration	KF
enumeration	KG
enumeration	KH
enumeration	KI
enumeration	KJ
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enumeration	KO
enumeration	KP
enumeration	KQ
enumeration	KR
enumeration	KS
enumeration	KT
enumeration	KU
enumeration	KV
enumeration	KW
enumeration	KX
enumeration	KY
enumeration	KZ
enumeration	LA
enumeration	LB
enumeration	MA
enumeration	MB
enumeration	MC
enumeration	MD
enumeration	ME
enumeration	MF
enumeration	MG
enumeration	MH
enumeration	MI
enumeration	MJ
enumeration	MK
enumeration	ML
enumeration	MM

	enumeration MN enumeration MO enumeration MP enumeration MQ enumeration MR enumeration MS enumeration MT enumeration MU enumeration MV enumeration MW enumeration MX enumeration MY enumeration MZ enumeration NA enumeration NB enumeration NC enumeration ND enumeration NE enumeration NF enumeration NG enumeration NH enumeration NI enumeration NJ enumeration NK enumeration NL enumeration NM enumeration NN enumeration NO enumeration NQ enumeration NP enumeration NR enumeration NS enumeration NT enumeration NU enumeration NV enumeration NW enumeration NX enumeration XA
annotation	documentation AA Sender must be the valid Licensed Provider. AB SPID must be supplied in the transaction. AC SPID must exist in the CMA CS. AD Meter Read can only be submitted as a re-read if it is an exact duplicate of a rejected Read. AE SPID status must be Tradable. AF SPID status must be New. AG Data Items must be submitted for the WS SPID. AH Meter Read Y must be greater than or equal to Meter Read X. AI Connection Date must be in the past. AJ Meter S Read Remedial Work Indicator must be provided and set to False. AK Registration Start Date must be within the permitted window. AL Licensed Provider nominated by Scottish Water has rejected the registration of the new SPID. AM Transfer Cancellation must be within the Cancellation Window. AN Meter S Read Reason Code is not valid for the provided SPID. AO Taps/Troughs must be qualified as Farm or Croft. AP Meter must be Pending or Active. AQ SPID transfer to other Applicant already in progress. AR SPID already registered to Applicant, or transfer to Applicant already

	pending.	
	AS	Cancellation request not applicable to this Licensed Provider.
	AT	Meter Read Rejected: Read type inappropriate.
	AU	SPID Disconnection date must be today or in the past.
	AV	SPID status must be Partial or Tradable.
	AW	MID must start with the Org ID for the submitting Trading Party.
	AX	Effective From date predates current registration start date.
	AY	Meter being Swapped must be Active.
	AZ	Meter can only be added to a WS SPID.
	BA	MID should only contain numeric values after the OrgId.
	BB	Transaction not appropriate for Pseudo Meters.
	BC	Meter not associated to a SPID.
	BD	Transaction rejected as MID number falls into a range that has been archived. Resend message with a new MID.
	BE	Meter Read must be within its capacity limit.
	BF	Meter Read for this date already exists.
	BG	Licensed Provider not registered to SPID.
	BH	Meter Read must be on or below its daily usage limit.
	BI	Meter Read date for the New Meter must be the same or after the Old Meter Read date.
	BL	Meter Read must be on or above the daily usage minimum.
	BN	Meter Read must create a positive meter advance, not a small negative advance.
	BV	Meter Read must create a positive meter advance, not a large negative advance.
	BZ	Meter Read must create a positive advance, not a zero advance.
	DA	RA; Rollover Indicator must not be present on an I or an F read.
	DB	RA; Logical Water meters must either have a zero value I read or a zero value F read.
	DC	Transaction must be for a WS SPID.
	DD	Service Category already exists for this connection.
	DE	Old and New Meters incompatible for meter swap. Old Meter is not a domestic meter.
	DF	Effective From date predates previous change.
	DG	MIDs submitted to the HVI are not allowed within the LVI MID range (1000000000 to 1999999999). Resend message with a new MID.
	DH	Sender must be Licensed Provider on Meter Read Date.
	DI	SPID has passed the switching limit.
	DJ	Transaction must contain: Sender, Recipient, Timestamp, SPID.
	DK	Effective From Date cannot be in the future.
	DL	Sender must be wholesaler.
	DM	DPID already exists.
	DN	DPID is discontinued.
	DO	DPID must be associated to the associated Sewerage SPID.
	DP	DPID not associated with a Meter.
	DQ	DPID already discontinued.
	DR	DPID does not exist in the CMA CS.
	DS	Sender must be the Licensed Provider for the SPID continuously from the Meter Read Date to the HVI Received at Date.
	DT	A Main Meter must not have previously been a Sub Meter on the same Meter Network and a Sub Meter must not have been a Main Meter on the same Meter Network.
	DU	The MT SPID must be provided when the MT SPID Flag is True.
	DV	Customer Name must conform to the required format.
	DW	Transaction must include either a Live Rateable Value, or a Rateable Value Transition Flag.
	DX	SS SPID is associated with a WS SPID that is not PDISC or DEREG.
	DY	Meter Is a Pseudo Meter.
	DZ	SPID or Registration Start Date is not valid.
	EA	GIS X, Y coordinates must be in Scotland.
	EB	Comments field must be populated. The comment must be between 1 and 255 characters long.
	EC	GIS X, Y data Incomplete.
	ED	SPID must be a SS SPID.
	EE	Rollover Indicator not consistent with CMA CS determination.

	EF	Rollover Indicator required. CMA CS unable to determine the rollover status.
	EG	SPID cannot be allocated. There are no Licensed Providers available for Gap
Site allocation.		
	EH	SPID must not have an associated Water SPID when specifying an MT SPID.
	EI	Rollover Indicator must not be present on an O or an I read.
	EJ	SPID status must not be; PDISC or DREG.
	EK	MT SPID must exist in CMA CS.
	EL	MT SPID must be Tradeable or TDISC.
	EM	MT SPID must be a Water SPID.
	EN	SPID status is already TDISC.
	EO	SPID status must be TDISC, TTRAN or PPDISC.
	EP	SPID must not be subject to a pending transfer for TDISC to proceed.
	EQ	SPID must not be New or Partial.
	ER	SPID must be New or Partial.
	ES	MT SPID must have an SAA Reference Number Absence Code of MT.
	ET	SPID must not be; PDISC, DREG or REJ.
	EU	SPID status must not be Unmeasurable.
	EV	MT SPID must not be provided when the MT SPID Flag is False.
	EW	Effective From Date must not pre-date the earliest PPDISC date.
	EX	Licensed Provider Org ID does not match Sender Org ID.
	EY	Meter does not exist in the CMA CS.
	EZ	Effective From date must be on or after 2017-04-01.
	FA	Meter already exists in the CMA CS.
	FB	Transaction must include a Meter ID.
	FC	Transaction must include a Meter Make.
	FD	Transaction must include a Manufacturers Meter Serial Number.
	FE	MT SPIDs must not be unmeasurable.
	FF	Meter Read Frequency must be N.
	FG	Meter Chargeable Size must be 20mm.
	FH	Meter is attached to a SPID and a SPID must be provided.
	FI	Submitted SPID Status must be REC or PDISC.
	FJ	SPID status must be Tradable or TDISC.
	FK	SPID should not be included for a Non-Market Meter.
	FL	SPID Status must not be REJ.
	FM	Meter: Both Old and New Meters must be included in the transaction.
	FN	Meter: Old and/or New Meter must exist in the CMA CS.
	FO	Old Meter read type must be E and/or New Meter Read type must be O, or
New Meter has a previous reading.		
	FP	Meter must be Active.
	FQ	Meter: Old and/or New Meter cannot be a Pseudo meter.
	FR	Meter: Old and New Meters must contain same chargeable size and RTS.
	FS	Meter: New Meter is in a Meter Network and cannot be swapped.
	FT	Meter: New Meter must be Active or Pending.
	FU	SPID must not be an MT SPID.
	FV	Meter Read date must be later than the Effective To date of Unmeasurable
Service Elements associated with the SPID.		
	FW	Meter Read must not be a duplicate I or a duplicate F read.
	FX	Meter Read must be on a date after the last meter reading.
	FY	MT SPID Flag must be included and set to True when specifying an MT SPID.
	FZ	SPID must have one active meter.
	GA	SPID status must be Partial.
	GB	Meter Effective From date and/or Metered Building Water Flag values must
be different to the current values in the CMA CS.		
	GC	Meter Effective From date must be on or after 1 April 2011.
	GD	SPID must be a WS SPID, or an SS SPID with no associated WS SPID at any
time from the Effective From Date.		
	GE	Data Items that are required have not been provided for this Meter
Treatment type.		
	GF	SPID is New or Partial and must be Deregistered.
	GG	Meter(s) at the SPID must be Discontinued.
	GH	DPID(s) at the SPID must be Discontinued.
	GI	Meter Read Date must be today or in the past.
	GJ	No Longer Used.
	GK	SPID has not been Tradable or TDISC continuously since the Effective From

	date.
GL	SPID must be continuously vacant from the Effective From date.
GM	EFD must be after TTRAN or PPDISC period.
GN	Meter Read Date must be fewer than 3 Business Days before the Registration Start Date.
GO	No Longer Used.
GP	No Longer Used.
GQ	No Longer Used.
GR	No Longer Used.
GS	No Longer Used.
GT	No Longer Used.
GU	No Longer Used.
GV	SPID must not be New, Partial or REJ.
GW	SPID must be New, Partial or REJ.
GX	SS SPID must be connected via the WS SPID as the WS SPID is New, Partial or REJ.
GY	WS SPID must be (potentially) chargeable on given connection date.
GZ	SS SPID must be (potentially) chargeable on given date.
HA	Meter Read date must be greater than or equal to 2007-04-01.
HB	SPID has never been declared Unmeasurable or there are no Unmeasurable Service Elements active on or after the Effective From date.
HC	Meter cannot be swapped with itself.
HD	Meter Number of Digits cannot be changed.
HE	Meter Read digit count must be the same as the Meter digit count.
HF	SPID must only be either Tradable or PPDISC from the Effective From Date.
HG	Associated SPID must have been Tradable and/or PDISC and/or DEREG and/or REJ from the Effective From Date.
HH	Submitted SPID Status must be REC, PDISC, or DEREG.
HI	Associated SPID must be Tradable and/or TDISC and/or PDISC and/or DEREG from the Effective From Date
HJ	SPID Status must be TTRAN.
HK	Return To Sewer Allowance must be zero for a Meter Treatment of Private Effluent or Tankered Effluent.
HL	Chargeable Meter Size must be zero for Meters with a Meter Treatment of; Private Water, Private Effluent, or Tankered Effluent.
HM	Meter Treatment must be the same for the Old and the New Meters.
HN	Return to Sewerage Allowance cannot be zero for Meters with Meter Treatment of SWWater, Private Water, or Logical Water that are associated to a DPID on the Effective From date.
HO	WS SPID must be associated with a Market Meter.
HP	SPID must be a SS SPID and must have an associated WS SPID.
HQ	WS SPID Transfer Meter Reads can only be sent by the Incoming LP.
HR	Sender must be the current LP.
HS	SS SPID of the DPID must be associated with the WS SPID of the Meter.
HT	MDVol value on the given Effective Date has already been set for the DPID-Meter Association.
HU	Return to Sewer should be greater than zero continuously from the Effective From Date.
HV	DPID has active meter associations.
HW	Sewerage Chargeable Meter Size must be zero for Private Effluent Meters and Tankered Effluent Meters.
HX	Org ID does not exist in CMA CS.
HY	Meter Treatment of the Subtraction Meter must be the same as that of the Main Meter.
HZ	Meter Read rejected; the LP for the associated WS SPID should provide the Transfer read.
IA	Org ID must be a valid LP.
IB	Meter has previously been made active.
IC	Meter Network; The Sub SPID should not be the same as the Main SPID.
ID	SPID Status must not be TTRAN.
IE	MID Already Exists in the CMA CS.
IF	Meter is not associated to the provided SPID.
IG	Meter should have a Meter Treatment of SW Water or Private Water.
IH	Meter should have at least one meter reading.

II	Meter Network, Sub Meter is a market meter, but the Sub SPID is not provided OR the Sub Meter is non-market, yet a Sub SPID is provided.
IJ	Meter Network Association is already active for the requested period.
IK	Meter Network Association is already inactive for the requested period.
IL	Meter Network; Sub Meter can only be actively associated to one Main Meter at any given time.
IM	Meter Network Association does not exist between the Main Meter and the Sub Meter.
IN	Meter Network Activation date should be prior to the earlier of the Main & Sub End Dates.
IO	Meter Network Activation date should be after the later of the Main & Sub Start Dates.
IP	Meter is part of a Meter Network that is active at a date on or after the Final Read Date.
IQ	WS SPID or Associated SS SPID has more than one Unmeasurable on a given day on or after the Effective From Date.
IR	Metered period must not overlap with an Unmeasured period.
IS	SPID has been allocated via the Gap Site allocation process and cannot be rejected.
IT	Meter S Read Reason Code must be provided.
IU	Meter S Read Remedial Work Indicator must be provided and set to True.
IV	Percentage Exemption should only be provided if the Customer Exemption Flag is provided and is set to True.
IW	Percent Exemption value must be 50% or 100%.
IX	Sender Org ID does not exist in CMA CS.
IY	Associated WS SPID must not be Tradable or TDISC.
IZ	Effective From Date must not pre-date a previous change on an Associated SPID.
JA	Meter IDs and DPIDs cannot include control characters.
JB	Meter S Read Reason Code and S Read Remedial Work Indicator should only be provided for S reads.
JC	SPID SAA Ref, SAA Class, SAA Core Description must be provided when SAA Ref Absence Code is not specified or must not be provided when specifying an Absence Code.
JD	SPID UPRN or the UPRN Absence Code must be provided.
JE	SPID SAA Ref and/or UPRN already exists in the CS against a SPID that is New, Partial, Tradable, TDISC, or Rejected.
JF	SPID SAA Ref and/or UPRN should match the existing value in the CMA CS.
JG	SPID SAA Ref is duplicated in SAA data - more information required.
JH	SPID SAA Ref and UPRN data must be provided.
JI	RA; Data Item must be specified.
JJ	RA; Value must be specified.
JK	RA; EFD must be specified.
JL	RA; DPID must be specified.
JM	RA; The specified Data Item is not updateable. Please check that the Data Item is valid for the selected template.
JN	RA; the provided Value must be consistent with the specified Data Item.
JO	RA; invalid date provided.
JP	RA; Physical Meter Size must be between 1 and 9999.
JQ	RA; record must be for a SS SPID.
JR	RA; Unmeasurable is incompatible with existing Metered Service Elements - cannot be effective during a Water Metered Period.
JS	RA; Unmeasurable is incompatible with existing Metered Service Elements - cannot be effective during a Foul Water Metered Period (with RTS > 0).
JT	RA; Effective From date must be after database entry.
JU	RA; Existing Meter Read Date must be specified.
JV	RA; at least one updatable field needs to be provided.
JW	I and F reads for Pseudo Meters must be zero.
JX	RA; invalid Meter Read value provided.
JY	RA; No Meter Read exists for specified existing read date.
JZ	RA; the specified Meter Read Type is not updatable via the RA Process.
KA	RA; this Read Type cannot be deleted.
KB	RA; Meter Read date must be before a different meter reading.
KC	RA; Meter Read must be lower than subsequent meter reading.
KD	RA; Meter Read must be after SPID Connection Date.

	KE	RA; the Final Meter Read should be the last meter reading.
	KF	RA; Meter Read date must be after different meter reading.
	KG	RA; Meter Read must be greater than previous meter reading.
	KH	RA; the Final read must be before the Disconnection/Deregistration Date.
	KI	RA; the Opening Meter Read should be the first meter reading.
	KJ	RA; Meter is not in a SWAP chain.
	KK	RA; the End Meter Read should be the last meter reading.
	KL	RA; SPID updates are only allowed to be made by the owning LP between the specified date ranges.
	KM	RA; the incoming LP is only allowed to amend T and S Reads.
	KN	RA; invalid Rollover value provided.
	KO	SPID is currently Deregistered and so it cannot be Disconnected.
	KP	SPID is currently Disconnected and so it cannot be Deregistered.
	KQ	Rateable Values must be whole numbers, or must be selected from the allowed default values.
	KR	Meter must be Pending for the read to be accepted.
	KS	Meter must be Active for the read to be accepted.
	KT	Connection Type must not be TTE.
	KU	A WCDS Code must be provided for vacancy during the period of the Wholesale Charge Deferral Scheme.
	KV	The supplied WCDS Code does not match the SW WCDS Code.
	KW	MT SPIDs must not be PDISC.
	KX	MT SPIDs must not be DERE.
	KY	RA: The I read date must be on or prior to the earliest Meter Network Association D4006 Effective From Date.
	KZ	Submitted SPID Status must be REC or DERE.
	LA	Submitted SPID Status must be REC or PDISC.
	LB	SPID Status must not be PPDISC.
	MA	RA; Effective From Date must be prior to the current day.
	MB	SA Indicator must be provided if Surface Area is specified.
	MC	RA: The F read date must be after the latest Meter Network Association D4006 Effective To Date.
	MD	Meter must not be part of a Meter Network.
	ME	SW must obtain the agreement of the relevant LP.
	MF	Effective From Date must be after O Read Date.
	MG	Effective From Date must be prior to E or F Read Date.
	MH	Effective From Date must be after PPDISC period.
	MI	SA Indicator must be NA or not specified if Property Drainage is False.
	MJ	Surface Area must not be specified if Property Drainage is False.
	MK	Surface Area must be provided and must be greater than zero if SA Indicator is SA.
	ML	SA Indicator must be SA, RV or left empty, if Property Drainage is True.
	MM	RA; Main SPID must be specified.
	MN	RA; Property Drainage must be False if SA Indicator is NA.
	MO	Surface Area must not be provided if SA Indicator is RV.
	MP	RA; SA Indicator must be RV if Surface Area is zero.
	MQ	RA; SA Indicator must be SA if Surface Area is greater than zero.
	MR	SPID Status must be DERE or PDISC.
	MS	Meter Read must not create a negative meter advance.
	MT	RA; EFD must be prior to Main SPID or Sub SPID having a SPID Status of DERE or PDISC.
	MU	RA; ETD must be specified.
	MV	RA; ETD must be prior to any F Read Date for both the Main Meter and the Sub Meter.
	MW	RA; ETD must be prior to Main SPID or Sub SPID having a SPID Status of DERE or PDISC.
	MX	RA; ETD must be after Effective From date.
	MY	RA; Effective to date must be on or before the SPID becomes DERE or PDISC.
	MZ	RA; Effective From Date must be on or after the SPID Connection Date.
	NA	RA; Effective From Date must be before the SPID becomes DERE or PDISC.
	NB	RA; Effective From Date must be on or after the I read date.
	NC	RA; Main SPID or Sub SPID SPID Status must be PDISC, DERE or REJ, or the Effective Date must be prior to the O Read Date for the Head of the T17 Meter Chain.

	ND RA; MDVol must be specified. NE RA; Effective to date must be before the F read date. NF Meter Read Frequency must be B or M. NG RA; SPID must not have an associated DPID. NH RA; Effective From Date must be on or after any change of the D2025 to REC. NI Outgoing LP must be a Self-Supply LP for the F Code to be valid. NJ Customer Contact Identifier must be provided and set to True. NK Prospective Customer and Prospective Customer Occupancy Date must be provided if Transfer Reason Code is NC. NL RA; Provided data items must match the latest T003.1. NM RA; There must be no data changes to the SPID after the Registration Start Date. NN RA; Prospective Customer and Prospective Customer Date must match the current Customer Name and its effective from. NO RA; Prospective Customer and Prospective Customer Date must be different than the current Customer Name and its effective from. NP Effective From date must be before the SPID DEREg or PDISC date. NQ DPID must exist prior to any discontinuation. NR RA; SPID must be specified more than once. NS RA; Number of rows must match number of meters. NT RA; Only impacted meters must be provided. NU RA; Effective From date must be after the I read date. NV RA; Effective From date must be prior to the F read date. NW RA; Row not processed. NX Meter read (other than I read) already exists on the specified connection date. XA Licensed Provider rejects registration for a new SPID.
source	<pre><xs:simpleType name="ReturnCodeType"> <xs:annotation> <xs:documentation> AA Sender must be the valid Licensed Provider. AB SPID must be supplied in the transaction. AC SPID must exist in the CMA CS. AD Meter Read can only be submitted as a re-read if it is an exact duplicate of a rejected Read. AE SPID status must be Tradable. AF SPID status must be New. AG Data Items must be submitted for the WS SPID. AH Meter Read Y must be greater than or equal to Meter Read X. AI Connection Date must be in the past. AJ Meter S Read Remedial Work Indicator must be provided and set to False. AK Registration Start Date must be within the permitted window. AL Licensed Provider nominated by Scottish Water has rejected the registration of the new SPID. AM Transfer Cancellation must be within the Cancellation Window. AN Meter S Read Reason Code is not valid for the provided SPID. AO Taps/Troughs must be qualified as Farm or Croft. AP Meter must be Pending or Active. AQ SPID transfer to other Applicant already in progress. AR SPID already registered to Applicant, or transfer to Applicant already pending. AS Cancellation request not applicable to this Licensed Provider.</pre>

	AT	Meter Read Rejected: Read type inappropriate.
	AU	SPID Disconnection date must be today or in the past.
	AV	SPID status must be Partial or Tradable.
	AW	MID must start with the Org ID for the submitting Trading Party.
	AX	Effective From date predates current registration start date.
	AY	Meter being Swapped must be Active.
	AZ	Meter can only be added to a WS SPID.
	BA	MID should only contain numeric values after the OrgId.
	BB	Transaction not appropriate for Pseudo Meters.
	BC	Meter not associated to a SPID.
	BD	Transaction rejected as MID number falls into a range that has been archived. Resend message with a new MID.
	BE	Meter Read must be within its capacity limit.
	BF	Meter Read for this date already exists.
	BG	Licensed Provider not registered to SPID.
	BH	Meter Read must be on or below its daily usage limit.
	BI	Meter Read date for the New Meter must be the same or after the Old Meter Read date.
	BL	Meter Read must be on or above the daily usage minimum.
	BN	Meter Read must create a positive meter advance, not a small negative advance.
	BV	Meter Read must create a positive meter advance, not a large negative advance.
	BZ	Meter Read must create a positive advance, not a zero advance.
	DA	RA; Rollover Indicator must not be present on an I or an F read.
	DB	RA; Logical Water meters must either have a zero value I read or a zero value F read.
	DC	Transaction must be for a WS SPID.
	DD	Service Category already exists for this connection.
	DE	Old and New Meters incompatible for meter swap. Old Meter is not a domestic meter.
	DF	Effective From date predates previous change.
	DG	MIDs submitted to the HVI are not allowed within the LVI MID range (1000000000 to 1999999999). Resend message with a new MID.
	DH	Sender must be Licensed Provider on Meter Read Date.
	DI	SPID has passed the switching limit.
	DJ	Transaction must contain: Sender, Recipient, Timestamp, SPID.
	DK	Effective From Date cannot be in the future.
	DL	Sender must be wholesaler.
	DM	DPID already exists.
	DN	DPID is discontinued.
	DO	DPID must be associated to the associated Sewerage SPID.
	DP	DPID not associated with a Meter.
	DQ	DPID already discontinued.
	DR	DPID does not exist in the CMA CS.

DS	Sender must be the Licensed Provider for the SPID continuously from the Meter Read Date to the HVI Received at Date.
DT	A Main Meter must not have previously been a Sub Meter on the same Meter Network and a Sub Meter must not have been a Main Meter on the same Meter Network.
DU	The MT SPID must be provided when the MT SPID Flag is True.
DV	Customer Name must conform to the required format.
DW	Transaction must include either a Live Rateable Value, or a Rateable Value Transition Flag.
DX	SS SPID is associated with a WS SPID that is not PDISC or DERE.
DY	Meter Is a Pseudo Meter.
DZ	SPID or Registration Start Date is not valid.
EA	GIS X, Y coordinates must be in Scotland.
EB	Comments field must be populated. The comment must be between 1 and 255 characters long.
EC	GIS X, Y data Incomplete.
ED	SPID must be a SS SPID.
EE	Rollover Indicator not consistent with CMA CS determination.
EF	Rollover Indicator required. CMA CS unable to determine the rollover status.
EG	SPID cannot be allocated. There are no Licensed Providers available for Gap Site allocation.
EH	SPID must not have an associated Water SPID when specifying an MT SPID.
EI	Rollover Indicator must not be present on an O or an I read.
EJ	SPID status must not be; PDISC or DREG.
EK	MT SPID must exist in CMA CS.
EL	MT SPID must be Tradeable or TDISC.
EM	MT SPID must be a Water SPID.
EN	SPID status is already TDISC.
EO	SPID status must be TDISC, TTRAN or PPDISC.
EP	SPID must not be subject to a pending transfer for TDISC to proceed.
EQ	SPID must not be New or Partial.
ER	SPID must be New or Partial.
ES	MT SPID must have an SAA Reference Number Absence Code of MT.
ET	SPID must not be; PDISC, DREG or REJ.
EU	SPID status must not be Unmeasureable.
EV	MT SPID must not be provided when the MT SPID Flag is False.
EW	Effective From Date must not pre-date the earliest PPDISC date.
EX	Licensed Provider Org ID does not match Sender Org ID.
EY	Meter does not exist in the CMA CS.
EZ	Effective From date must be on or after 2017-04-01.
FA	Meter already exists in the CMA CS.
FB	Transaction must include a Meter ID.
FC	Transaction must include a Meter Make.
FD	Transaction must include a Manufacturers Meter Serial Number.
FE	MT SPIDs must not be unmeasureable.

	FF	Meter Read Frequency must be N.
	FG	Meter Chargeable Size must be 20mm.
	FH	Meter is attached to a SPID and a SPID must be provided.
	FI	Submitted SPID Status must be REC or PDISC.
	FJ	SPID status must be Tradable or TDISC.
	FK	SPID should not be included for a Non-Market Meter.
	FL	SPID Status must not be REJ.
	FM	Meter: Both Old and New Meters must be included in the transaction.
	FN	Meter: Old and/or New Meter must exist in the CMA CS.
	FO	Old Meter read type must be E and/or New Meter Read type must be O, or New Meter has a previous reading.
	FP	Meter must be Active.
	FQ	Meter: Old and/or New Meter cannot be a Pseudo meter.
	FR	Meter: Old and New Meters must contain same chargeable size and RTS.
	FS	Meter: New Meter is in a Meter Network and cannot be swapped.
	FT	Meter: New Meter must be Active or Pending.
	FU	SPID must not be an MT SPID.
	FV	Meter Read date must be later than the Effective To date of Unmeasurable Service Elements associated with the SPID.
	FW	Meter Read must not be a duplicate I or a duplicate F read.
	FX	Meter Read must be on a date after the last meter reading.
	FY	MT SPID Flag must be included and set to True when specifying an MT SPID.
	FZ	SPID must have one active meter.
	GA	SPID status must be Partial.
	GB	Meter Effective From date and/or Metered Building Water Flag values must be different to the current values in the CMA CS.
	GC	Meter Effective From date must be on or after 1 April 2011.
	GD	SPID must be a WS SPID, or an SS SPID with no associated WS SPID at any time from the Effective From Date.
	GE	Data Items that are required have not been provided for this Meter Treatment type.
	GF	SPID is New or Partial and must be Deregistered.
	GG	Meter(s) at the SPID must be Discontinued.
	GH	DPID(s) at the SPID must be Discontinued.
	GI	Meter Read Date must be today or in the past.
	GJ	No Longer Used.
	GK	SPID has not been Tradable or TDISC continuously since the Effective From date.
	GL	SPID must be continuously vacant from the Effective From date.
	GM	EFD must be after TTRAN or PPDISC period.
	GN	Meter Read Date must be fewer than 3 Business Days before the Registration Start Date.
	GO	No Longer Used.
	GP	No Longer Used.
	GQ	No Longer Used.
	GR	No Longer Used.

	GS	No Longer Used.
	GT	No Longer Used.
	GU	No Longer Used.
	GV	SPID must not be New, Partial or REJ.
	GW	SPID must be New, Partial or REJ.
	GX	SS SPID must be connected via the WS SPID as the WS SPID is New, Partial or REJ.
	GY	WS SPID must be (potentially) chargeable on given connection date.
	GZ	SS SPID must be (potentially) chargeable on given date.
	HA	Meter Read date must be greater than or equal to 2007-04-01.
	HB	SPID has never been declared Unmeasurable or there are no Unmeasurable Service Elements active on or after the Effective From date.
	HC	Meter cannot be swapped with itself.
	HD	Meter Number of Digits cannot be changed.
	HE	Meter Read digit count must be the same as the Meter digit count.
	HF	SPID must only be either Tradable or PPDISC from the Effective From Date.
	HG	Associated SPID must have been Tradable and/or PDISC and/or DEREK and/or REJ from the Effective From Date.
	HH	Submitted SPID Status must be REC, PDISC, or DEREK.
	HI	Associated SPID must be Tradable and/or TDISC and/or PDISC and/or DEREK from the Effective From Date
	HJ	SPID Status must be TTRAN.
	HK	Return To Sewer Allowance must be zero for a Meter Treatment of Private Effluent or Tankered Effluent.
	HL	Chargeable Meter Size must be zero for Meters with a Meter Treatment of; Private Water, Private Effluent, or Tankered Effluent.
	HM	Meter Treatment must be the same for the Old and the New Meters.
	HN	Return to Sewerage Allowance cannot be zero for Meters with Meter Treatment of SWater, Private Water, or Logical Water that are associated to a DPID on the Effective From date.
	HO	WS SPID must be associated with a Market Meter.
	HP	SPID must be a SS SPID and must have an associated WS SPID.
	HQ	WS SPID Transfer Meter Reads can only be sent by the Incoming LP.
	HR	Sender must be the current LP.
	HS	SS SPID of the DPID must be associated with the WS SPID of the Meter.
	HT	MDVol value on the given Effective Date has already been set for the DPID-Meter Association.
	HU	Return to Sewer should be greater than zero continuously from the Effective From Date.
	HV	DPID has active meter associations.
	HW	Sewerage Chargeable Meter Size must be zero for Private Effluent Meters and Tankered Effluent Meters.
	HX	Org ID does not exist in CMA CS.
	HY	Meter Treatment of the Subtraction Meter must be the same as that of the Main Meter.
	HZ	Meter Read rejected; the LP for the associated WS

	SPID should provide the Transfer read. IA Org ID must be a valid LP. IB Meter has previously been made active. IC Meter Network; The Sub SPID should not be the same as the Main SPID. ID SPID Status must not be TTRAN. IE MID Already Exists in the CMA CS. IF Meter is not associated to the provided SPID. IG Meter should have a Meter Treatment of SW Water or Private Water. IH Meter should have at least one meter reading. II Meter Network, Sub Meter is a market meter, but the Sub SPID is not provided OR the Sub Meter is non-market, yet a Sub SPID is provided. IJ Meter Network Association is already active for the requested period. IK Meter Network Association is already inactive for the requested period. IL Meter Network; Sub Meter can only be actively associated to one Main Meter at any given time. IM Meter Network Association does not exist between the Main Meter and the Sub Meter. IN Meter Network Activation date should be prior to the earlier of the Main & Sub End Dates. IO Meter Network Activation date should be after the later of the Main & Sub Start Dates. IP Meter is part of a Meter Network that is active at a date on or after the Final Read Date. IQ WS SPID or Associated SS SPID has more than one Unmeasurable on a given day on or after the Effective From Date. IR Metered period must not overlap with an Unmeasured period. IS SPID has been allocated via the Gap Site allocation process and cannot be rejected. IT Meter S Read Reason Code must be provided. IU Meter S Read Remedial Work Indicator must be provided and set to True. IV Percentage Exemption should only be provided if the Customer Exemption Flag is provided and is set to True. IW Percent Exemption value must be 50% or 100%. . IX Sender Org ID does not exist in CMA CS. IY Associated WS SPID must not be Tradable or TDISC. IZ Effective From Date must not pre-date a previous change on an Associated SPID. JA Meter IDs and DPIDs cannot include control characters. JB Meter S Read Reason Code and S Read Remedial Work Indicator should only be provided for S reads. JC SPID SAA Ref, SAA Class, SAA Core Description must be provided when SAA Ref Absence Code is not specified or must not be provided when specifying an Absence Code. JD SPID UPRN or the UPRN Absence Code must be provided. JE SPID SAA Ref and/or UPRN already exists in the CS against a SPID that is New, Partial, Tradable, TDISC, or Rejected. JF SPID SAA Ref and/or UPRN should match the existing value in the CMA CS .
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	JG	SPID SAA Ref is duplicated in SAA data - more information required.
	JH	SPID SAA Ref and UPRN data must be provided.
	JI	RA; Data Item must be specified.
	JJ	RA; Value must be specified.
	JK	RA; EFD must be specified.
	JL	RA; DPID must be specified.
	JM	RA; The specified Data Item is not updateable. Please check that the Data Item is valid for the selected template.
	JN	RA; the provided Value must be consistent with the specified Data Item.
	JO	RA; invalid date provided.
	JP	RA; Physical Meter Size must be between 1 and 9999.
	JQ	RA; record must be for a SS SPID.
	JR	RA; Unmeasurable is incompatible with existing Metered Service Elements - cannot be effective during a Water Metered Period.
	JS	RA; Unmeasurable is incompatible with existing Metered Service Elements - cannot be effective during a Foul Water Metered Period (with RTS > 0).
	JT	RA; Effective From date must be after database entry.
	JU	RA; Existing Meter Read Date must be specified.
	JV	RA; at least one updatable field needs to be provided.
	JW	I and F reads for Pseudo Meters must be zero.
	JX	RA; invalid Meter Read value provided.
	JY	RA; No Meter Read exists for specified existing read date.
	JZ	RA; the specified Meter Read Type is not updatable via the RA Process.
	KA	RA; this Read Type cannot be deleted.
	KB	RA; Meter Read date must be before a different meter reading.
	KC	RA; Meter Read must be lower than subsequent meter reading.
	KD	RA; Meter Read must be after SPID Connection Date.
	KE	RA; the Final Meter Read should be the last meter reading.
	KF	RA; Meter Read date must be after different meter reading.
	KG	RA; Meter Read must be greater than previous meter reading.
	KH	RA; the Final read must be before the Disconnection/Deregistration Date.
	KI	RA; the Opening Meter Read should be the first meter reading.
	KJ	RA; Meter is not in a SWAP chain.
	KK	RA; the End Meter Read should be the last meter reading.
	KL	RA; SPID updates are only allowed to be made by the owning LP between the specified date ranges.
	KM	RA; the incoming LP is only allowed to amend T and S Reads.
	KN	RA; invalid Rollover value provided.
	KO	SPID is currently Deregistered and so it cannot be Disconnected.

KP	SPID is currently Disconnected and so it cannot be Deregistered.
KQ	Rateable Values must be whole numbers, or must be selected from the allowed default values.
KR	Meter must be Pending for the read to be accepted.
KS	Meter must be Active for the read to be accepted.
KT	Connection Type must not be TTE.
KU	A WCDS Code must be provided for vacancy during the period of the Wholesale Charge Deferral Scheme.
KV	The supplied WCDS Code does not match the SW WCDS Code.
KW	MT SPIDs must not be PDISC.
KX	MT SPIDs must not be Dereg.
KY	RA: The I read date must be on or prior to the earliest Meter Network Association D4006 Effective From Date.
KZ	Submitted SPID Status must be REC or Dereg.
LA	Submitted SPID Status must be REC or PDISC.
LB	SPID Status must not be PPDISC.
MA	RA; Effective From Date must be prior to the current day.
MB	SA Indicator must be provided if Surface Area is specified.
MC	RA: The F read date must be after the latest Meter Network Association D4006 Effective To Date.
MD	Meter must not be part of a Meter Network.
ME	SW must obtain the agreement of the relevant LP.
MF	Effective From Date must be after O Read Date.
MG	Effective From Date must be prior to E or F Read Date.
MH	Effective From Date must be after PPDISC period.
MI	SA Indicator must be NA or not specified if Property Drainage is False.
MJ	Surface Area must not be specified if Property Drainage is False.
MK	Surface Area must be provided and must be greater than zero if SA Indicator is SA.
ML	SA Indicator must be SA, RV or left empty, if Property Drainage is True.
MM	RA; Main SPID must be specified.
MN	RA; Property Drainage must be False if SA Indicator is NA.
MO	Surface Area must not be provided if SA Indicator is RV.
MP	RA; SA Indicator must be RV if Surface Area is zero.
MQ	RA; SA Indicator must be SA if Surface Area is greater than zero.
MR	SPID Status must be Dereg or PDISC.
MS	Meter Read must not create a negative meter advance.
MT	RA; EFD must be prior to Main SPID or Sub SPID having a SPID Status of Dereg or PDISC.
MU	RA; ETD must be specified.
MV	RA; ETD must be prior to any F Read Date for both the Main Meter and the Sub Meter.
MW	RA; ETD must be prior to Main SPID or Sub SPID having a SPID Status of Dereg or PDISC.
MX	RA; ETD must be after Effective From date.

	MY RA; Effective to date must be on or before the SPID becomes DEREG or PDISC. MZ RA; Effective From Date must be on or after the SPID Connection Date. NA RA; Effective From Date must be before the SPID becomes DEREG or PDISC. NB RA; Effective From Date must be on or after the I read date. NC RA; Main SPID or Sub SPID SPID Status must be PDISC, DEREG or REJ, or the Effective Date must be prior to the O Read Date for the Head of the T17 Meter Chain. ND RA; MDV01 must be specified. NE RA; Effective to date must be before the F read date. NF Meter Read Frequency must be B or M. NG RA; SPID must not have an associated DPID. NH RA; Effective From Date must be on or after any change of the D2025 to REC. NI Outgoing LP must be a Self-Supply LP for the F Code to be valid. NJ Customer Contact Identifier must be provided and set to True. NK Prospective Customer and Prospective Customer Occupancy Date must be provided if Transfer Reason Code is NC. NL RA; Provided data items must match the latest T003.1. NM RA; There must be no data changes to the SPID after the Registration Start Date. NN RA; Prospective Customer and Prospective Customer Date must match the current Customer Name and its effective from. NO RA; Prospective Customer and Prospective Customer Date must be different than the current Customer Name and its effective from. NP Effective From date must be before the SPID DEREG or PDISC date. NQ DPID must exist prior to any discontinuation. NR RA; SPID must be specified more than once. NS RA; Number of rows must match number of meters. NT RA; Only impacted meters must be provided. NU RA; Effective From date must be after the I read date. NV RA; Effective From date must be prior to the F read date. NW RA; Row not processed. NX Meter read (other than I read) already exists on the specified connection date. XA Licensed Provider rejects registration for a new SPID. <pre> </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="AA"/> <xs:enumeration value="AB"/> <xs:enumeration value="AC"/> <xs:enumeration value="AD"/> <xs:enumeration value="AE"/> <xs:enumeration value="AF"/> </pre>
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simpleType **SAAClassType**

namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:string		
properties	base	xs:string	
used by	element	D2052 SAAClass	
facets	Kind	Value	Annotation
	enumeration	NA	
	enumeration	0001	
	enumeration	0002	
	enumeration	0003	
	enumeration	0004	
	enumeration	0005	
	enumeration	0006	
	enumeration	0007	
	enumeration	0008	
	enumeration	0009	
	enumeration	0010	
	enumeration	0011	
	enumeration	0012	
	enumeration	0013	
	enumeration	0014	
	enumeration	0015	
	enumeration	0016	
	enumeration	0017	
	enumeration	0018	
	enumeration	0019	
	enumeration	0020	
annotation	documentation		
	NA	Not available from SAA	
	0001	Shops	
	0002	Public Houses	
	0003	Offices	
	0004	Hotels etc	
	0005	Industrial subjects including Factories, Warehouses and Stores	
	0006	Leisure, Entertainment, Caravans and Holiday Sites	
	0007	Garages and Petrol Stations	
	0008	Cultural	
	0009	Sporting Subjects	
	0010	Education and Training	
	0010	Education and Training	
	0011	Public Service subjects	
	0012	Communications (non-formula)	
	0013	Quarries, Mines, etc	
	0014	Petrochemical	
	0015	Religious	
	0016	Health and Medical	
	0017	Other	
	0018	Care Facilities	

	0019 Advertising 0020 Statutory Undertaking
source	<pre> <xs:simpleType name="SAAClassType"> <xs:annotation> <xs:documentation> NA Not available from SAA 0001 Shops 0002 Public Houses 0003 Offices 0004 Hotels etc 0005 Industrial subjects including Factories, Warehouses and Stores 0006 Leisure, Entertainment, Caravans and Holiday Sites 0007 Garages and Petrol Stations 0008 Cultural 0009 Sporting Subjects 0010 Education and Training 0010 Education and Training 0011 Public Service subjects 0012 Communications (non-formula) 0013 Quarries, Mines, etc 0014 Petrochemical 0015 Religious 0016 Health and Medical 0017 Other 0018 Care Facilities 0019 Advertising 0020 Statutory Undertaking </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="NA"/> <xs:enumeration value="0001"/> <xs:enumeration value="0002"/> <xs:enumeration value="0003"/> <xs:enumeration value="0004"/> <xs:enumeration value="0005"/> <xs:enumeration value="0006"/> <xs:enumeration value="0007"/> <xs:enumeration value="0008"/> <xs:enumeration value="0009"/> <xs:enumeration value="0010"/> <xs:enumeration value="0011"/> <xs:enumeration value="0012"/> <xs:enumeration value="0013"/> <xs:enumeration value="0014"/> <xs:enumeration value="0015"/> <xs:enumeration value="0016"/> <xs:enumeration value="0017"/> <xs:enumeration value="0018"/> <xs:enumeration value="0019"/> <xs:enumeration value="0020"/> </xs:restriction> </xs:simpleType> </pre>

simpleType **SAIndicatorType**

namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:string		
properties	base	xs:string	
used by	element	D2048 SAIndicator	
facets	Kind	Value	Annotation
	enumeration	NA	
	enumeration	RV	
	enumeration	SA	
annotation	documentation Enumeration of SA Indicator NA - Not Applicable RV - Property Drainage is charged on Live RV SA - Property Drainage is charged on Surface Area		
source	<pre><xs:simpleType name="SAIndicatorType"> <xs:annotation> <xs:documentation> Enumeration of SA Indicator NA - Not Applicable RV - Property Drainage is charged on Live RV SA - Property Drainage is charged on Surface Area </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="NA"/> <xs:enumeration value="RV"/> <xs:enumeration value="SA"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **ServiceCategoryType**

namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:string		
properties	base	xs:string	
used by	elements	D2002 ServiceCategory NewSPIDRequestType/D2002 ServiceCategory	
facets	Kind	Value	Annotation
	enumeration	01	
	enumeration	02	
annotation	documentation Enumeration of service categories 01 - Water 02 - Sewerage		
source	<pre><xs:simpleType name="ServiceCategoryType"> <xs:annotation> <xs:documentation> Enumeration of service categories 01 - Water 02 - Sewerage </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="01"/> <xs:enumeration value="02"/> </xs:restriction> </xs:simpleType></pre>		

	<pre> </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="01"/> <xs:enumeration value="02"/> </xs:restriction> </xs:simpleType> </pre>
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simpleType **SPIDStatusType**

namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:string		
properties	base	xs:string	
used by	element	D2025 SPIDStatus	
facets	Kind	Value	Annotation
	enumeration	REC	
	enumeration	TDISC	
	enumeration	PDISC	
	enumeration	DEREG	
	enumeration	TTRAN	
	enumeration	PPDISC	
annotation	documentation		
	Disconnection - Reconnection Type REC Reconnection TDISC Temporary Disconnection PDISC Permanent Disconnection DEREG Deregistration TTRAN Temporarily Transferred PPDISC Pending PDISC		
source	<pre><xs:simpleType name="SPIDStatusType"> <xs:annotation> <xs:documentation> Disconnection - Reconnection Type REC Reconnection TDISC Temporary Disconnection PDISC Permanent Disconnection DEREG Deregistration TTRAN Temporarily Transferred PPDISC Pending PDISC </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="REC"/> <xs:enumeration value="TDISC"/> <xs:enumeration value="PDISC"/> <xs:enumeration value="DEREG"/> <xs:enumeration value="TTRAN"/> <xs:enumeration value="PPDISC"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **SReadReasonCodeType**

namespace	urn:bridgeall-com:cmaservice:data:v3																					
type	restriction of xs:string																					
properties	base xs:string																					
used by	element D3028 SReadReasonCode																					
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>WMD</td><td></td></tr><tr><td>enumeration</td><td>NMA</td><td></td></tr><tr><td>enumeration</td><td>MNF</td><td></td></tr><tr><td>enumeration</td><td>NSA</td><td></td></tr><tr><td>enumeration</td><td>PLR</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	WMD		enumeration	NMA		enumeration	MNF		enumeration	NSA		enumeration	PLR				
Kind	Value	Annotation																				
enumeration	WMD																					
enumeration	NMA																					
enumeration	MNF																					
enumeration	NSA																					
enumeration	PLR																					
annotation	<table><tr><td colspan="3">documentation</td></tr><tr><td>S</td><td colspan="2">Read Reason Code</td></tr><tr><td>WMD</td><td colspan="2">Wrong Meter Details</td></tr><tr><td>NMA</td><td colspan="2">No Meter Access</td></tr><tr><td>MNF</td><td colspan="2">Meter Not Found</td></tr><tr><td>NSA</td><td colspan="2">No Site Access</td></tr><tr><td>PLR</td><td colspan="2">PoLR Transfer</td></tr></table>	documentation			S	Read Reason Code		WMD	Wrong Meter Details		NMA	No Meter Access		MNF	Meter Not Found		NSA	No Site Access		PLR	PoLR Transfer	
documentation																						
S	Read Reason Code																					
WMD	Wrong Meter Details																					
NMA	No Meter Access																					
MNF	Meter Not Found																					
NSA	No Site Access																					
PLR	PoLR Transfer																					
source	<pre><xs:simpleType name="SReadReasonCodeType"> <xs:annotation> <xs:documentation> S Read Reason Code WMD Wrong Meter Details NMA No Meter Access MNF Meter Not Found NSA No Site Access PLR PoLR Transfer </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="WMD"/> <xs:enumeration value="NMA"/> <xs:enumeration value="MNF"/> <xs:enumeration value="NSA"/> <xs:enumeration value="PLR"/> </xs:restriction> </xs:simpleType></pre>																					

simpleType **string32**

simpleType string32														
namespace	urn:bridgeall-com:cmaservice:data:v3													
type	restriction of xs:string													
properties	base xs:string													
used by	elements D3001 MeterId D3013 MeterMake D3014 ManufacturerMeterSerialNr D3027 MainMeterId D6001 DPID													
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>32</td><td></td></tr><tr><td>pattern</td><td colspan="2">([^\t\n\r])*</td></tr></table>		Kind	Value	Annotation	minLength	1		maxLength	32		pattern	([^\t\n\r])*	
Kind	Value	Annotation												
minLength	1													
maxLength	32													
pattern	([^\t\n\r])*													
source	<pre><xs:simpleType name="string32"> <xs:restriction base="xs:string"> <xs:maxLength value="32"/> </xs:restriction> </xs:simpleType></pre>													

	<pre> <xs:minLength value="1"/> <xs:pattern value="([^\t\n\r])+"/> </xs:restriction> </xs:simpleType> </pre>
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simpleType **TETreatmentType**

namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:string		
properties	base	xs:string	
used by	element	D6011 TETreatment	
facets	Kind	Value	Annotation
	enumeration	Secondary	
	enumeration	Primary	
	enumeration	Sub-Primary	
annotation	documentation		
		Enumeration of TETreatment indicator	
		Secondary	0
		Primary	1
		Sub-Primary	2
source	<pre><xs:simpleType name="TETreatmentType"> <xs:annotation> <xs:documentation> Enumeration of TETreatment indicator Secondary 0 Primary 1 Sub-Primary 2 </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="Secondary"/> <xs:enumeration value="Primary"/> <xs:enumeration value="Sub-Primary"/> </xs:restriction> </xs:simpleType></pre>		

simpleType **TransferReasonCodeType**

simple type TransferReasonCode.type														
namespace	urn:bridgeall-com:cmaservice:data:v3													
type	restriction of xs:string													
properties	base xs:string													
used by	element D4019 TransferReasonCode													
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>CR</td><td></td></tr><tr><td>enumeration</td><td>NC</td><td></td></tr><tr><td>enumeration</td><td>RR</td><td></td></tr></table>		Kind	Value	Annotation	enumeration	CR		enumeration	NC		enumeration	RR	
Kind	Value	Annotation												
enumeration	CR													
enumeration	NC													
enumeration	RR													
annotation	<table><tr><td>documentation</td></tr><tr><td>CR Commercial Requirement</td></tr><tr><td>NC New Customer</td></tr><tr><td>RR Regulatory Requirement</td></tr></table>		documentation	CR Commercial Requirement	NC New Customer	RR Regulatory Requirement								
documentation														
CR Commercial Requirement														
NC New Customer														
RR Regulatory Requirement														

source	<pre> <xs:simpleType name="TransferReasonCodeType"> <xs:annotation> <xs:documentation> CR Commercial Requirement NC New Customer RR Regulatory Requirement </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="CR"/> <xs:enumeration value="NC"/> <xs:enumeration value="RR"/> </xs:restriction> </xs:simpleType> </pre>

simpleType **UARNAbsenceCodeType**

namespace	urn:bridgeall-com:cmaservice:data:v3		
type	restriction of xs:string		
properties	base xs:string		
used by	element	UARNTyp/D2038 SAAResponseNumberAbsenceCode	
facets	Kind	Value	Annotation
	enumeration	ME	
	enumeration	AG	
	enumeration	SR	
	enumeration	RC	
	enumeration	MT	
	enumeration	CU	
	enumeration	IP	
	enumeration	BW	
	enumeration	OT	
	enumeration	NR	
	enumeration	CP	
	enumeration	TS	
	enumeration	CF	
enumeration	EX		
annotation	documentation		
	SAA Reference Number Absence Code		
	ME	0	Missing Entry from the SAA
	AG	1	Agricultural land, buildings and troughs
	SR	2	Fish farms, fishing, and sporting rights
	RC	3	Parks, Allotments and Sports Grounds
	MT	4	Property is multi-tenancy
	CU	5	Cumulo Supply Point
	IP	6	Infrastructure Project
	BW	7	Building Water
	OT	8	Other
	NR	9	Property not yet rated
	CP	10	Car Park
	TS	11	To Be Supplied
	CF	12	Care Facility
EX	13	Exempt	
source	<xs:simpleType name="UARNAbsenceCodeType">		

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simpleType **UPRNAbsenceCodeType**

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used by	element UPRNType/D2040 UPRNAbsenceCode		
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	enumeration	CU	
	enumeration	IP	
	enumeration	BW	
	enumeration	OT	
	enumeration	PL	
	enumeration	TS	
	enumeration	CF	

	enumeration CP
annotation	documentation UPRN Absence Code ME 0 Missing Entry from the OSG AG 1 Agricultural including troughs SR 2 Fish farms, fishing, and sporting rights RC 3 Parks, Allotments and Sports Grounds MT 4 Property is multi-tenancy CU 5 Cumulo Supply Point IP 6 Infrastructure Project BW 7 Building Water OT 8 Other PL 9 Not yet issued by planning TS 10 To Be Supplied CF 11 Care Facility CP 12 Car Park
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