PaymentInvoice

STAR 5

Repository Release 5.13.4

PaymentInvoice: STAR 5: Repository Release 5.13.4

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Preface

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Chapter 1. Introduction

The STAR Business Object Document (BOD) Guidelines provide the data dictionary information for a particular business process. This document is broken into several sections, and to help reduce the overall size of the document, components are only documented once when they first occur. This section will cover both the organization of the document, and some of the common terminology used. More detailed information about the BOD methodology used can be found in the *BOD XML Implementation Reference* document available on the STAR web site.

Documentation for elements coming from OAGIS, is maintained by the Open Applications Group, and not maintained by STAR. BOD is a registered trademark of the Opena Applications Group.

The STAR BOD Guideline information is generated directly from the STAR schemas, and is created using the Docbook publishing specification format. The Docbook source format is available to members upon request.

1.1. Guideline Organization

This guideline is broken into several sections:

- Use Cases - describe typical use case scenarios for the Verb and Noun combination in a particular guideline. This section may provide more detailed information on the use of particular components in various scenarios.

- BOD Design - covers briefly the XML Namespaces used, and the overall structure of a BOD.

- BOD Components - information regarding the attributes and components that are common to all BODs. This is the information that is found at the root element level of a business object document. This also includes information regarding the ApplicationArea that is sent with every BOD.

- Data Area - The data area is where the noun and verb for a BOD reside.

- Verbs - There may be several BODs that related to a particular noun, and several verbs used by the noun. To help reduce the overall number of guidelines that need to be generated, all verbs that a particular noun may use are documented in one area.

- Noun - The noun contains the detailed information about the data that is carried by the BOD. This section will always be noun specific and is the main section implementors should focus their attention.

The order in which the data elements show up in the BOD Guideline is the order in which they occur in the XML instance. In order to help reduce the overall size of the guidelines, a component is only documented the first time it occurs. Fields may occur in multiple components and so may be documented multiple times. So as the user goes through the guidelines, they should be able to match up a component to a particular XML instance. It is recommended at the minimum that a sample XML Instance for the BOD being mapped be generated to help seeing the hierarchical structure of the document. Many XML editors will provide a tree view of the XML Instance that can be used in conjunction with these guidelines during the mapping exercise. Also, there is space intentionally left over for users to add their own notes and annotations to the guidelines.

Chapter 2. BOD Design

This section covers the fundamentals of the STAR BOD architecture. This is provided for reference only, and more details can be found in the documentation mentioned within this section.

2.1. XML Instance Namespaces

Namespaces are unique identifiers for an element or attribute. It allows for the same element or attribute name to come from different sources and have uniquie meanings. The namespace identifies the source of the definition for the element or attribute. STAR XML Instances currently only require the use of two namespaces:

- *http://www.starstandard.org/STAR/5* - This identifies the items that come from a STAR 5 repository, and is usally used with a prefix of "star" or "star5".

- *http://www.openapplications.org/oagis/9* - This identifies the items that come from the OAGI 9 repository. The prefix used for these is typically "oa", "oagis", or "oagis9".

Note: Namespaces do not have to be resolvable. They are just unique identifiers. If a namespace is assigned to the default namespace, then a prefix does not need to be used. Only one namespace can be assigned to the default namespace. Prefixes are just short cuts to the namespace identifier, systems should not rely on the prefix, but the namespace iteself when identifying elements and attributes.

2.2. Schema Namespaces

The STAR XML Schemas use several namespaces internally. Depending on software that is being used to create the XML instances that are transmitted some of these namespaces may show up in the BOD itself. All references to these namespaces can be safely removed. For more information on the namespaces that are used by the schemas, please see the *STAR XML Naming and Design Rules* document.

- *http://www.openapplications.org/oagis/9/unqualifieddatatypes/1.1* - This represents the UNCEFACT Core Components Unqualified Data Types. The prefix is **udt** .

- *http://www.openapplications.org/oagis/9/codelists* - Defines the namespace for the OAGi Code lists. The prefix is **oacl** .

- *http://www.openapplications.org/oagis/9/qualifieddatatypes/1.1* - Defines the namespace for the UNCEFACT Core Components Qualified Data Types. The prefix is **qdt** .

- *http://www.starstandard.org/STAR/5/qualifieddatatypes/1.0* - Defines the namespace for the STAR Qualified Data Types. The prefix is **sqdt** .

- *http://www.starstandard.org/STAR/5/codelists* - Defines the namespace for the STAR Code Lists. The prefix is **scl** .

- *http://www.nmma.org/CodeLists* - Defines the namespace for the National Marine Manufacture Association Code Lists. The prefix is **nmmacl** .

- *http://www.xfront.com/UnitsOfMeasure* - Defines the namespace for XFront.com's Unit of Measure code lists. STAR has contributed to and enhanced the initial list and all changes are included in the codelist available at www.xfront.com. The prefix is **xfUOMcl** .

These namespaces are used primarily in the construction of the data types and code lists that the elements and attributes use. They are used internally by the schema and are here for documentation purposes only. These should not show up in the XML Instance.

2.3. BOD Structure

A BOD's structure is depicted in Figure 2.1, "BOD Structure" . A BOD will always be made up of the ApplicationArea, DataArea, Noun and components.

Figure 2.1. BOD Structure
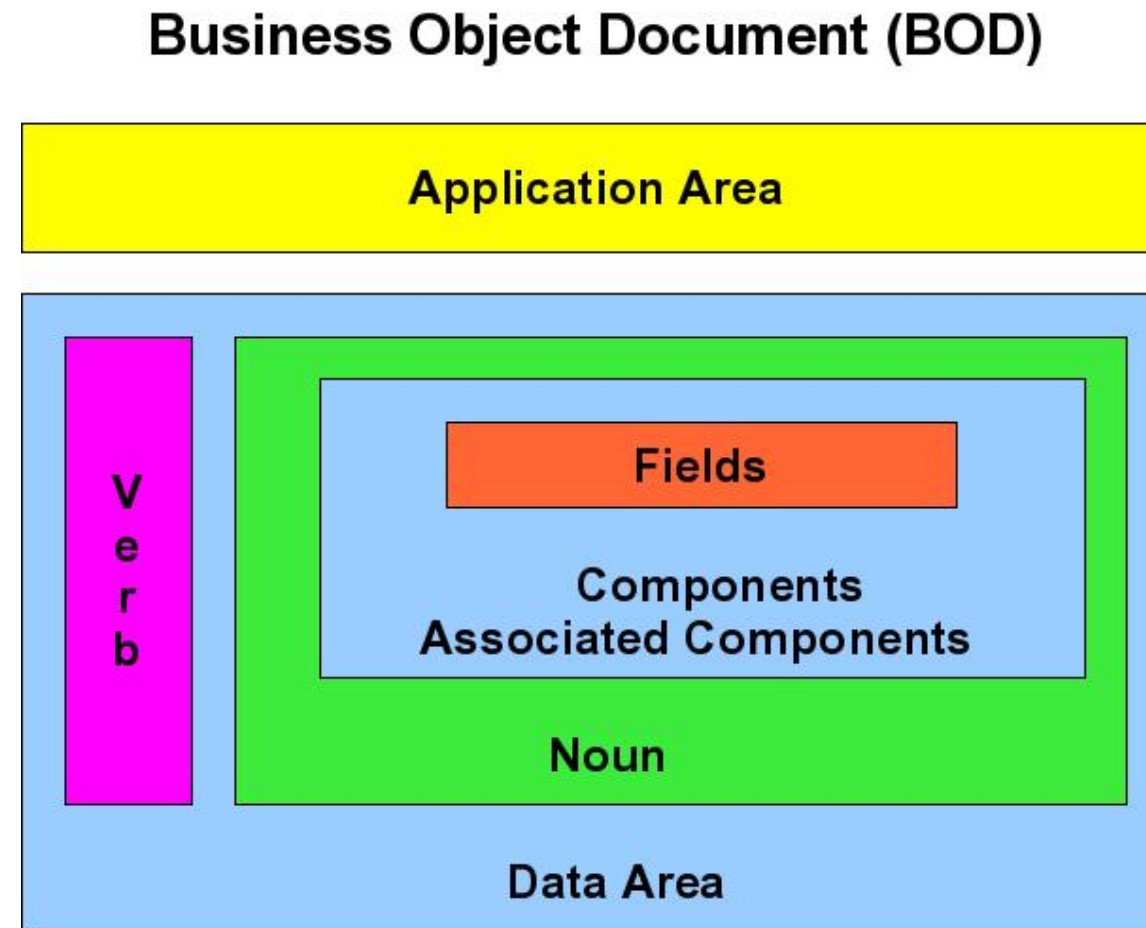
A typical BOD will have the following message hierarchy:

Figure 2.2. Message Hierarchy

The Application Area is standard across the BODs. Every BOD may have a different set of verbs that can be used with it. The verbs describes the various actions that can occur. More detail about these components can be found in the appropriate sections with in this guideline. For a more detailed explanation of the BODs design structure, please refer to the *BOD XML Implementation Reference* document available from the STAR Web Site.

Chapter 3. BOD Components

3.1. Business Object Document - BOD

A BOD is made up of the combination of the Application Area, Data Area, Verb, and Noun. The name of a particular BOD is made up of the Verb and the Noun being used. For example, a Credit Application, may have several BODs that are involved to complete a business transaction. The BOD names may be:

• **Process** CreditApplication - where Process is the *Verb* and CreditApplication is the name of the *Noun* .

• **Acknowledge** CreditApplication - where Acknowledge is the *Verb* and CreditApplication is the name of the *Noun* .

The Verb documentation section in this guideline lists the available verbs that can be used with the Noun included in this guideline. There will be a corresponding Verb/Noun schema combination in the STAR Schema Repository.

The root element, top element, of the XML Instance will also be the Verb/Noun Combination. So for the AcknowledgeCreditApplication BOD, the root element would look like the following:

Example 3.1. Root Element Example

```
<AcknowledgeCreditApplication>
  <ApplicationArea>......</ApplicationArea>   [1..1]
    <AcknowledgeCreditApplicationDataArea>......</AcknowledgeCreditApplicationDataArea>   [1..*]
</AcknowledgeCreditApplication>
```

3.1.1. Business Object Document Attributes

All root elements of all the STAR BODs have several attributes that can be included with them. These attributes

Table 3.1. Attributes

Name	Description	Occur-rence	Type	Data Type	User Notes
releaseID	STAR Release this BOD Instances belongs.	1..1	Attribute	udt:string	

Name	Description	Occur-rence	Type	Data Type	User Notes
versionID	*Deprecated. Recommended to use releaseID to identify the repository and noun. This field may be removed in the next major version of the STAR repository.* Indicates the version of the given Noun.	0..1	Attribute	udt:string	
systemEnvironmentCode	Indicates whether this BOD is being sent in a "Test" or a "Production" mode. If the BOD is being sent in a test mode, it's information should not affect the business operation. However, if the BOD is sent in "Production" mode it is assumed that all test has been complete and the contents of the BOD are to affect the operation of the receiving business application(s).	0..1	Code List	oacl:SystemEnvironmentCodeContentType	
languageCode	Indicates the language that the contents of the BOD is in unless otherwise stated.	0..1	Code List	scl:LanguageEnumeratedType	

3.1.2. Business Object Document Fields and Components

The following are the components and fields that make up the Business Object Document. The name of the Data Area will vary by BOD, and be the combination of the Verb and Noun, with the word DataArea added to the end.

3.1.2.1. Fields and Components

Table 3.2. Fields and Components

Name	Description	Occur-rence	Type	Data Type	User Notes
ApplicationArea	Provides the information that an application may need to know in order to communicate in an integration of two or more business applications. The ApplicationArea is used at the applications layer of communication. While the integration frameworks web services and middleware provide the communication layer that OAGIS operates on top of.	0..1	Component	ApplicationAreaType	

Name	Description	Occur-rence	Type	Data Type	User Notes
[Verb][Noun]DataArea	The Data Area contains the verb and noun to be used. And is represented by the verb and noun combination for the BOD.	1..1	Component		

3.1.2.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation. This sample is the same regardless of the BOD only the Root Element and the Data Area names will be different.

Example 3.2. AcknowledgeCreditApplication

```
<AcknowledgeCreditApplication>
  <ApplicationArea>......</ApplicationArea>    [1..1]
  <AcknowledgeCreditApplicationDataArea>......</AcknowledgeCreditApplicationDataArea>    [1..*]
</AcknowledgeCreditApplication>
```

3.1.2.3. ApplicationArea

Uses the Component: ApplicationAreaType

Provides the information that an application may need to know in order to communicate in an integration of two or more business applications. The ApplicationArea is used at the applications layer of communication. While the integration frameworks web services and middleware provide the communication layer that OAGIS operates on top of.

3.1.2.3.1. Fields and Components

Table 3.3. Fields and Components

Name	Description	Occur-rence	Type	Data Type	User Notes
Sender	This identifies characteristics and control identifiers that relate to the application that created the Business Object Document.	1..1	Component	SenderType	

Name	Description	Occur-rence	Type	Data Type	User Notes
CreationDateTime	This is used as the creation moment of this Business Object Document.	1..1	Field	udt:DateTimeType	
oagis:Signature	If the BOD is to be signed the signature element is included, otherwise it is not. Signature supports any digital signature that maybe used by an implementation of OAGIS. The quali-fyingAgency identifies the agency that provided the format for the signature.	0..1	Component	xsd:any	
BODID	The BODId provides a place to carry a Globally Unique Iden-tifier (GUID) that will make each Business Object Document instance uniquely identifiable. This is a critical success fac-tor to enable software developers to use the Globally Unique Identifier (GUID) to build services or capabilities:	0..1	Field	udt:IdentifierType	
Destination	This identifies characteristics and control identifiers that relate to the application that receives the Business Object Document.	1..1	Component	DestinationType	

3.1.2.3.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 3.3. ApplicationArea

```
<ApplicationArea>
    <Sender>......</Sender>   [1..1]
    <CreationDateTime>......</CreationDateTime>   [1..1]
    <oagis:Signature>......</oagis:Signature>   [0..1]
    <BODID>......</BODID>   [0..1]
    <Destination>......</Destination>   [1..1]
</ApplicationArea>
```

3.1.2.4. Sender

Uses the Component: SenderType

This identifies characteristics and control identifiers that relate to the application that created the Business Object Document.

3.1.2.4.1. Fields and Components

Table 3.4. Fields and Components

Name	Description	Occur-rence	Type	Data Type	User Notes
LogicalID	This is the logical location of the server and application from which the Business Object Document originated.	0..1	Field	udt:IdentifierType	
ComponentID	DCS software code name.	0..1	Field	udt:IdentifierType	
TaskID	This describes the business event that initiated the need for the Business Object Document to be created.	0..1	Field	udt:IdentifierType	
ReferenceID	Enables the sending application to indicate the instance identifier of the event or task that caused the BOD to be created.Â This is used to correlate a response BOD to an originating BOD. *The Sender of the originating application will populate the Reference Id with business level information. *Reference ID does not have to be a GUID. It must be a locally unique application value for the transaction type, for example a database sequence number. *The receiving application puts the value in Reference ID of the incoming message in the Reference ID of any acknowledgment messages. *The Reference Id will not be required to tie two collaborations together such as Parts Order and Parts Shipment.	0..1	Field	udt:IdentifierType	
ConfirmationCode	Is an option controlled by the Sender business application. It is a request to the receiving application to send back a confirmation BOD to the sender. The confirmation Business Object Document may indicate the successful processing of the original Business Object Document or return error conditions if the original Business Object Document was unsuccessful. The confirmation request has the following valid values:	0..1	Code List	oagis:ConfirmationResponseCodeType	

Name	Description	Occurrence	Type	Data Type	User Notes
	• Never - No confirmation Business Object Document requested • OnError - OnError send back a confirmation Business Object Document only if an error has occurred • Always - Always send a confirmation Business Object Document regardless				
AuthorizationID	Identifies the authorization level of the user or application that is sending the Business Object Document Message. Used as User ID.	0..1	Field	udt:IdentifierType	
CreatorNameCode	DCS Software Creator Code	1..1	Field	udt:CodeType	
SenderNameCode	Additional information about the sending platform (i.e., Short Manufacturer or DSP code).	1..1	Field	udt:CodeType	
URI	Physical address of the sender	0..1	Field	qdt:URIType	
DealerNumberID	Dealer Code of source of information	0..1	Field	udt:IdentifierType	
StoreNumber	Dealer code store number (DMS assigned)	0..1	Field	udt:TextType	
AreaNumber	Dealer code area number (DMS vendor assigned)	0..1	Field	udt:TextType	
DealerCountryCode	Source Dealer country location	0..1	Code List	sqdt:CountryCodeType	
LanguageCode	This code is used to define the language of the data used in this transaction	0..1	Code List	sqdt:CountryCodeType	
DeliverPendingMailIndicator	Indicates if the user requests to receive pending mail that has been stored and has yet not been delivered yet. By selecting 0, the user will only receive the response for the current transaction the user is performing.	0..1	Field	udt:IndiciatorType	
Password	Token for application specific authentication. Used to authenticate dealership/users through application specific security	0..1	Field	udt:TextType	

Name	Description	Occur-rence	Type	Data Type	User Notes
SystemVersion	The sender's software version number.	0..1	Field	udt:TextType	
PartyID	The Party Id field uniquely identifies the Sender of the message. This element can be used for parties within the Automotive Community as well as external parties. Party Id is not intended as a replacement for the Dealer Number. Suggested formats for OEMs or other large institutions include: DUNs Number, ShortMfgCode + DUNs, or ShortMfgCode. The suggested format for Dealers is: ShortMfgCode+Dealer Number.	0..1	Field	udt:IdentifierType	
LocationID	The Location Id field uniquely identifies the location of the Sender of a message. This Id may be aligned with a physical address or data centers. This field provides an additional level of granularity beyond the usage of the Party Id for additional routing and deliver of data.	0..1	Field	udt:IdentifierType	
ServiceID	The Service Id field identifies the particular service from which a message is being sent, e.g., an inventory service.	0..1	Field	udt:IdentifierType	
NounCountNumeric	Specifies the number of nouns carried in the BOD.	0..1	Field	udt:NumericType	

3.1.2.4.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 3.4. Sender

```
<Sender>
    <LogicalID>......</LogicalID>    [0..1]
    <ComponentID>......</ComponentID>    [0..1]
    <TaskID>......</TaskID>    [0..1]
    <ReferenceID>......</ReferenceID>    [0..1]
    <ConfirmationCode>......</ConfirmationCode>    [0..1]
    <AuthorizationID>......</AuthorizationID>    [0..1]
    <CreatorNameCode>......</CreatorNameCode>    [1..1]
    <SenderNameCode>......</SenderNameCode>    [1..1]
    <URI>......</URI>    [0..1]
    <DealerNumberID>......</DealerNumberID>    [0..1]
    <StoreNumber>......</StoreNumber>    [0..1]
    <AreaNumber>......</AreaNumber>    [0..1]
    <DealerCountryCode>......</DealerCountryCode>    [0..1]
    <LanguageCode>......</LanguageCode>    [0..1]
    <DeliverPendingMailIndicator>......</DeliverPendingMailIndicator>    [0..1]
    <Password>......</Password>    [0..1]
    <SystemVersion>......</SystemVersion>    [0..1]
    <PartyID>......</PartyID>    [0..1]
    <LocationID>......</LocationID>    [0..1]
    <ServiceID>......</ServiceID>    [0..1]
    <NounCountNumeric>......</NounCountNumeric>    [0..1]
</Sender>
```

3.1.2.5. Destination

Uses the Component: DestinationType

Destination

3.1.2.5.1. Fields and Components

Table 3.5. Fields and Components

Name	Description	Occur-rence	Type	Data Type	User Notes
DestinationNameCode	Code for destination of file (i.e.Short Manufacturer or DSP code)	0..1	Field	udt:CodeType	

Name	Description	Occur-rence	Type	Data Type	User Notes
DestinationURI	Physical address of the destination	0..1	field	qdt:URIType	
DestinationSoftwareCode	Additional information about the destination application	0..1	Field	udt:CodeType	
DestinationSoftware	The software that the file is intended (may not be known).	0..1	Field	udt:TextType	
DealerNumberID	Target Dealer Code receiving information	0..1	Field	udt:IdentifierType	
StoreNumber	Dealer code store number (DMS assigned)	0..1	Field	udt:TextType	
AreaNumber	Dealer code area number (DMS vendor assigned)	0..1	Field	udt:TextType	
DealerTargetCountry	Target Dealer country location	0..1	Code List	scl:CountryEnumeratedType	
PartyReceiverID	The Party Receiver Id field uniquely identifies the Receiver of the message. This element can be used for parties within the Automotive Community as well as external parties. Party Id is not intended as a replacement for the Dealer Number. Suggested formats for OEMs or other large institutions include: DUNs Number, ShortMfgCode + DUNs, or ShortMfgCode. The suggested format for Dealers is: ShortMfgCode+Dealer Number.	0..1	Field	udt:IdentifierType	
LocationReceiverID	The Location Receiver Id field uniquely identifies the location of the Receiver of a message. This Id may be aligned with a physical address or data centers. This field provides an additional level of granularity beyond the usage of the Party Id for additional routing and deliver of data.	0..1	Field	udt:IdentifierType	
ServiceMessageID	The Service Message Id field identifies the particular service to which a message is being sent, e.g., an inventory service.	0..1	Field	udt:IdentifierType	

3.1.2.5.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 3.5. Destination

```
<Destination>
    <DestinationNameCode>......</DestinationNameCode>    [0..1]
    <DestinationURI>......</DestinationURI>    [0..1]
    <DestinationSoftwareCode>......</DestinationSoftwareCode>    [0..1]
    <DestinationSoftware>......</DestinationSoftware>    [0..1]
    <DealerNumberID>......</DealerNumberID>    [0..1]
    <StoreNumber>......</StoreNumber>    [0..1]
    <AreaNumber>......</AreaNumber>    [0..1]
    <DealerTargetCountry>......</DealerTargetCountry>    [0..1]
    <PartyReceiverID>......</PartyReceiverID>    [0..1]
    <LocationReceiverID>......</LocationReceiverID>    [0..1]
    <ServiceMessageID>......</ServiceMessageID>    [0..1]
</Destination>
```

Chapter 4. Data Area Components

4.1. AcknowledgeCreditApplicationDataArea

Uses the Component: AcknowledgeCreditApplicationDataAreaType

Process Credit Application Data Area

4.1.1. Fields and Components

Table 4.1. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
Acknowledge	The Acknowledge verb is used to acknowledge the application receipt of a Process request. This function conveys the result of the original request. An example of this is Acknowledge PO, where a Process PO has been issued and the corresponding business application acknowledges the receipt of the PO and responds with an acceptance or a counter offer.	0..1	Component	AcknowledgeType	
CreditApplication	CreditApplication is the root element of the Credit Application Business Object Document.	0..*	Component	CreditApplicationType	

4.1.2. Sample XML

The XML Sample provided here is an approximation of the genrated XML for this component. Not all of the fields are required for implementation.

Example 4.1. AcknowledgeCreditApplicationDataArea

```
<AcknowledgeCreditApplicationDataArea>
  <Acknowledge>......</Acknowledge>    [0..1]
  <CreditApplication>......</CreditApplication>    [0..*]
</AcknowledgeCreditApplicationDataArea>
```

Chapter 5. Verbs

5.1. Acknowledge

Uses the Component: AcknowledgeType

The Acknowledge verb is used to acknowledge the application receipt of a Process request. This function conveys the result of the original request. An example of this is Acknowledge PO, where a Process PO has been issued and the corresponding business application acknowledges the receipt of the PO and responds with an acceptance or a counter offer.

5.1.1. Fields and Components

Table 5.1. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
OriginalApplicationArea	A copy of the ApplicationArea for the original BOD that was processed. Present either as additional reference information, or for use in identifying the BOD in situations where a BODReference is not known.	0..1	Component	ApplicationAreaType	
ResponseCriteria	ResponseCriteria identifies the content that is returned, given a Get query success or the response from the Process. In essence, the expression here has the effect of filtering the part(s) of the found element(s) that are to be returned. ReturnCriteria plays no role in the query itself or the process. That is handled as a match against the request BOD's noun exemplar. ReturnCriteria allows the sender of the BOD to indicate which information (down to the field level) is requested to be returned, given that the query has been successful in matching the exemplar to existing nouns.	0..*	Component	ResponseActionCriteriaType	

Name	Description	Occurrence	Type	Data Type	User Notes
	That is, in a GetListPurchaseOrder, if one or more PurchaseOrders with a TotalPrice = $1M were found, ReturnCriteria tells the BOD recipient which parts of the PurchaseOrder should be populated with content when the response (ShowPurchaseOrder) is formulated. The expressionLanguage indicates the expression language being used. In order for the ReturnCriteria expression to be evaluable by the BOD recipient, the recipient must be capable of processing and interpreting the specified expression language. XPath is the default, due to its ubiquity among XML processing technologies.				

5.1.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 5.1. Acknowledge

```
<Acknowledge>
    <OriginalApplicationArea>......</OriginalApplicationArea>    [0..1]
    <oagis:ResponseCriteria>......</oagis:ResponseCriteria>    [0..*]
</Acknowledge>
```

5.2. Get

Uses the Component: GetType

The Get verb is to communicate to a business software component a request for an existing piece or pieces of information to be returned. The Get may be paired with most of the nouns defined in the OAGIS specification.

The response to this request is the Show verb. The behavior of a BOD with a Get verb is quite predictable across the nouns it is paired with.The Get is designed for retrieval of information by using that information's primary retrieval field, or key field. The Get verb may also be used to request several documents at once.

Selection Criteria: There are two types of selection capabilities for most BOD's that use the Get verb.

- The first selection capability is called Field-Based Selection. Within a Get-base Business Object Document, the first Data Type that occurs in a specific BOD structure is commonly used to provide the Field-Based Selection criteria. This is always defined within the specific BOD and is commonly the required fields for that specific Data type.The Field-Based Selection enables the requester to provide a value or values (in the case of multiple required Field Identifiers), in the required fields. Then the responding component uses those values to find and return the requested information to the originating business software component.

- The second type of selection capability for Get-based BODs is called Data Type Selection. Data Type selection enables the requester to identify which Data Types within the noun are requested to be returned in the response. The use of this capability is described for each corresponding Data Type for all BODs that use the Get verb. The Data Types are identified for retrieval within the Get instance of a BOD by including the name of the Data Type in the meta data but without any Field Identifiers or Segments identified within the Data Type. This will signify to the responding application that all of the data that corresponds to that Data Type is to be included in the response.If the Data Type is not requested, the Data Type identifier is not included in the Get request and this will signify to the responding component that the Data Type is not to be returned.

5.2.1. Fields and Components

Table 5.2. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
uniqueIndicator	Only return unique items, remove any duplicates. This has the same effect as an SQL statements DISTINCT command.	0..1	Attribute	udt:IndicatorType	
maxItems	Communicates the maximum number of records which should be returned in a segment from a recordSet.	0..1	Attribute	qdt:PositiveIntegerNumericType	
recordSetSaveIndicator	A true value indicates that receiver should save the record set	0..1	Attribute	udt:IndicatorType	
recordSetStartNumber	The record number identifying the first record that should be returned in the Show response. This attribute is specified on subsequent Get requests, not the initial Get request. The systems may determine this number from the prior Show message (see the Show verb attributes for more information).	0..1	Attribute	qdt:PositiveIntegerNumericType	
recordSetReferenceId	Unique identifier of the RecordSet. It is generated by the producer of the Show response as a result of the original Get request.	0..1	Attribute	xsd:normalizedString	

Name	Description	Occurrence	Type	Data Type	User Notes
Expression	The expression used to specify the selection or filter criteria.	1..*	Component	ExpressionType	

5.2.2. Sample XML

The XML Sample provided here is an approximation of the genrated XML for this component. Not all of the fields are required for implementation.

Example 5.2. Get

```
<Get uniqueIndicator="true" maxItems="10">
  <Expression>......</Expression>   [0..*]
</Get>
```

5.3. Process

Uses the Component: ProcessType

The Process verb is used to request processing of the associated noun by the receiving application or business to party. In a typical external exchange scenario a Process BOD is considered to be a legally binding message. For example, if a customer sends a ProcessPurchaseOrder BOD to a supplier and the supplier acknowledges with a positive AcknowledgePurchaseOrder, then the customer is obligated to fulfill the agreement, unless of course other BODs are allowed to cancel or change the original order.

5.3.1. Fields and Components

Table 5.3. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
acknowledgeCode	A value that indicates when an Acknowledgment should be sent back to the sender.	0..1	Attribute	oacl:ResponseCodeContentType	
ActionCriteria	Identifies with the ActionExpression the level by carrying a value of the expressionLanguage (this is typically XPath) within the BOD that the actionCode is to be performed. The ChangeStatus communicates just that the Change Status.	0..*	Component	ActionCriteriaType	

5.3.2. Sample XML

The XML Sample provided here is an approximation of the genrated XML for this component. Not all of the fields are required for implementation.

Example 5.3. Process

```
<Process>
   <ActionCriteria>......</ActionCriteria>   [0..*]
</Process>
```

5.4. Show

Uses the Component: ShowType

The Show verb is used when sending the information about a specific instance of a business document or entity. The Show verb may be used to respond to a Get request or it can be used in a publish scenario, where it pushes information to other applications based on a business event.Although BODs based on this verb do not commonly cause updates to occur, there may be times when the component receiving the Show decides to use the information it receives to update. This is entirely the decision of the receiving software component and is not forbidden.The behavior of the Show verb is quite straight forward with one exception. The Show response to any Get request needs to read the request carefully to ensure the response is returning the requested Data Types.

5.4.1. Fields and Components

Table 5.4. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
recordSetStartNumber	The record number identifying the first record returned in the Show response. The producer of the Show response generates this number. It used by the requesting system to determine the start number of the subsequent Get request.	0..1	Attribute	qdt_PositiveIntegerNumericType	
recordSetCount	Number of records in the recordSet.	0..1	Attribute	qdt_PositiveIntegerNumericType	
recordSetTotal	Number of records in the recordSet.	0..1	Attribute	qdt_PositiveIntegerNumericType	
recordSetCompleteIndicator	Indicates whether this is the last segment of the recordSet.	0..1	Attribute	udt_IndicatorType	

Name	Description	Occurrence	Type	Data Type	User Notes
recordSetReferenceId	Unique identifier of the RecordSet. It is generated by the producer of the Show response as a result of the original Get request.	0..1	Attribute	xsd:normalizedString	
OriginalApplicationArea	A copy of the ApplicationArea for the original BOD that was processed. Present either as additional reference information, or for use in identifying the BOD in situations where a BODReference is not known.	0..1	Component	ApplicationAreaType	
ResponseCriteria	ResponseCriteria identifies the content that is returned, given a Get query success or the response from the Process. In essence, the expression here has the effect of filtering the part(s) of the found element(s) that are to be returned. ReturnCriteria plays no role in the query itself or the process. That is handled as a match against the request BOD's noun exemplar. ReturnCriteria allows the sender of the BOD to indicate which information (down to the field level) is requested to be returned, given that the query has been successful in matching the exemplar to existing nouns. That is, in a GetListPurchaseOrder, if one or more PurchaseOrders with a TotalPrice = $1M were found, ReturnCriteria tells the BOD recipient which parts of the PurchaseOrder should be populated with content when the response (ShowPurchaseOrder) is formulated. The expressionLanguage indicates the expression language being used. In order for the ReturnCriteria expression to be evaluable by the BOD recipient, the recipient must be capable of processing and interpreting the specified expression language. XPath is the default, due to its ubiquity among XML processing technologies.	0..*	Component	ResponseActionCriteriaType	

5.4.2. Sample XML

The XML Sample provided here is an approximation of the genrated XML for this component. Not all of the fields are required for implementation.

Example 5.4. Show

```
<Show>
    <OriginalApplicationArea>......</OriginalApplicationArea>    [0..1]
    <oagis:ResponseCriteria>......</oagis:ResponseCriteria>    [0..*]
</Show>
```

5.5. Sync

Uses the Component: SyncType

The Sync verb is used when the owner of the data is passing or publishing that information or change in information to other software components. This is to be used when the receiver of the SyncBOD does not own the data. This verb is commonly used when mass changes are necessary or when a publish and subscribe mechanism is used in the integration architecture.The purposes of this verb include application integrity and ease of data entry for the business user by enabling a single point of input.

5.5.1. Fields and Components

Table 5.5. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
ActionCriteria	Identifies with the ActionExpression the level by carrying a value of the expressionLanguage (this is typically XPath) within the BOD that the actionCode is to be performed. The ChangeStatus communicates just that the Change Status.	0..*	Component	ActionCriteriaType	

5.5.2. Sample XML

The XML Sample provided here is an approximation of the genrated XML for this component. Not all of the fields are required for implementation.

Example 5.5. Sync

```
<Sync>
</Sync>
```

5.6. ActionCriteria

Uses the Component: ActionCriteriaType

Identifies with the ActionExpression the level by carrying a value of the expressionLanguage (this is typically XPath) within the BOD that the actionCode is to be performed. The ChangeStatus communicates just that the Change Status.

5.6.1. Fields and Components

Table 5.6. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
ActionExpression	Identifies the level or field items that the specified action is to be performed upon.	0..*	Component	ActionExpressionType	
ChangeStatus	Communicates the Change Status.	0..1	Component	ChangeStatusType	

5.6.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 5.6. ActionCriteria

```
<ActionCriteria>
    <ActionExpression>......</ActionExpression>    [0..*]
    <ChangeStatus>......</ChangeStatus>    [0..1]
</ActionCriteria>
```

5.7. ActionExpression

Uses the Component: ActionExpressionType

Awaiting clear definition for OAGI.

5.7.1. Fields and Components

Table 5.7. Attributes

Name	Description	Occurrence	Type	Data Type	User Notes
actionCode	The action to be performed. This could be Add, Change, Replace, Delete, etc. See the code list for acceptable values.	1..1	Attribute	oacl:ActionCodeContentType	
expressionLanguage	The expressionLanguage indicates the expression language being used. In order for the ReturnCriteria expression to be evaluable by the BOD recipient, the recipient must be capable of processing and interpreting the specified expression language. XPath is the default, due to its ubiquity among XML processing technologies.	1..1	Attribute	xsd:token	

5.7.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 5.7. ActionExpression

```
<ActionExpression @actionCode="Add" expressionLanguage="XPATH">
    An XPath Expression would go here
</ActionExpression>
```

5.8. Expression

Uses the Component: ExpressionType

Expression is used to specify a filter or selection criteria.

5.8.1. Fields and Components

Table 5.8. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
expressionLanguage	The expressionLanguage indicates the expression language being used. In order for the ReturnCriteria expression to be evaluable by the BOD recipient, the recipient must be capable of processing and interpreting the specified expression language. XPath is the default, due to its ubiquity among XML processing technologies.	0..1	Attribute	xsd:token	

5.8.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 5.8. Expression

```
<Expression @expressionLanguage="XPATH">
    An XPATH or other Expression Language syntax.
</Expression>
```

5.9. OriginalApplicationArea

Uses the Component: ApplicationAreaType

A copy of the ApplicationArea for the original BOD that was processed. Present either as additional reference information, or for use in identifying the BOD in situations where a BODReference is not known.

For the definition of the fields and components in this component, please refer to the ApplicationArea component defined earlier.

5.10. ResponseCriteria

Uses the Component: ResponseActionCriteriaType

ResponseCriteria identifies the content that is to be returned, given query success. In essence, the expression here has the effect of filtering the part(s) of the found element(s) that are to be returned.

ReturnCriteria plays no role in the query itself. That is handled as a match against the request BOD's noun exemplar.

ReturnCriteria allows the sender of the BOD to indicate which information (down to the field level) is requested to be returned, given that the query has been successful in matching the exemplar to existing nouns.

That is, in a GetListPurchaseOrder, if one or more PurchaseOrders with a TotalPrice = $1M were found, ReturnCriteria tells the BOD recipient which parts of the PurchaseOrder should be populated with content when the response (ShowPurchaseOrder) is formulated.

The expressionLanguage indicates the expression language being used. In order for the ReturnCriteria expression to be evaluable by the BOD recipient, the recipient must be capable of processing and interpreting the specified expression language. XPath is the default, due to its ubiquity among XML processing technologies.

5.10.1. Fields and Components

Table 5.9. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
ResponseExpression	ResponseExpression identifies a pointer to the Component being provided as a response to a request. This point is provided using an appropriate value of the given expressionLanguage indicated. The actionCode is intended to indicate what has occured with the given component and/or instance of the given component.	0..1	Component	ResponseExpressionType	
ChangeStatus		0..1	Component	ChangeStatusType	

5.10.2. Sample XML

The XML Sample provided here is an approximation of the genrated XML for this component. Not all of the fields are required for implementation.

Example 5.9. ResponseCriteria

```
<ResponseCriteria>
    <ResponseExpression>......</ResponseExpression>    [0..1]
    <ChangeStatus>......</ChangeStatus>    [0..1]
</ResponseCriteria>
```

5.11. ResponseExpression

Uses the Component: ResponseExpressionType

ResponseExpression identifies a pointer to the Component being provided as a response to a request. This point is provided using an appropriate value of the given expressionLanguage indicated. The actionCode is intended to indicate what has occurred with the given component and/or instance of the given component.

5.11.1. Fields and Components

Table 5.10. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
actionCode	Indicates what has occured with a particular expression.	0..1	Attribute	oacl:ResponseActionCodeContentType	
expressionLanguage	The expression language used. This is typically XPATH.	0..1	Attribute	xsd:token	

5.11.2. Sample XML

The XML Sample provided here is an approximation of the genrated XML for this component. Not all of the fields are required for implementation.

Example 5.10. ResponseExpression

```
<ResponseExpression>
   An expression.
</ResponseExpression>
```

5.12. ChangeStatus

Uses the Component: ChangeStatusType

5.12.1. Fields and Components

Table 5.11. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
Code	Element for the communication of all codes.	0..1	Field	udt:CodeType	
Description		0..1	Field	udt:TextType	
EffectiveDateTime	This is the DateTime the associated object is made effective	0..1	Field	udt:DateTimeType	
ReasonCode	Identifies the reason for an activity	0..1	Field	udt:CodeType	
Reason		0..*	Field	udt:TextType	
StateChange		0..*	Component	StateChangeType	

5.12.2. Sample XML

The XML Sample provided here is an approximation of the genrated XML for this component. Not all of the fields are required for implementation.

Example 5.11. ChangeStatus

```
<ChangeStatus>
    <Code>......</Code>    [0..1]
    <Description>......</Description>    [0..1]
    <EffectiveDateTime>......</EffectiveDateTime>    [0..1]
    <ReasonCode>......</ReasonCode>    [0..1]
    <Reason>......</Reason>    [0..*]
    <StateChange>......</StateChange>    [0..*]
</ChangeStatus>
```

5.13. StateChange

Uses the Component: StateChangeType

5.13.1. Fields and Components

Table 5.12. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
FromStateCode		0..1	Field	udt:CodeType	
ToStateCode		0..1	Field	udt:CodeType	
ChangeDateTime	Indicates when the status change occured.	0..1	Field	udt:DateTimeType	

5.13.2. Sample XML

The XML Sample provided here is an approximation of the genrated XML for this component. Not all of the fields are required for implementation.

Example 5.12. StateChange

```
<StateChange>
    <FromStateCode>......</FromStateCode>    [0..1]
    <ToStateCode>......</ToStateCode>    [0..1]
    <ChangeDateTime>......</ChangeDateTime>    [0..1]
</StateChange>
```

Chapter 6. Payment Invoice Noun

6.1. PaymentInvoice

Uses the Component: PaymentInvoiceType

6.1.1. Fields and Components

Table 6.1. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
PaymentInvoiceHeader	Invoice Header	1..1	Component	PaymentInvoiceHeaderType	
PaymentInvoiceLineItem	Invoice Line Items	0..*	Component	PaymentInvoiceLineItemType	

6.1.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.1. PaymentInvoice

```
<PaymentInvoice>
    <PaymentInvoiceHeader>......</PaymentInvoiceHeader>    [1..1]
    <PaymentInvoiceLineItem>......</PaymentInvoiceLineItem>    [0..*]
</PaymentInvoice>
```

6.2. PaymentInvoiceHeader

Uses the Component: PaymentInvoiceHeaderType

Invoice Header

6.2.1. Fields and Components

Table 6.2. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
DocumentDateTime	Is the date and time the document was last created. This is not the date and time that the BOD message instance was created.	0..1	Field	udt:DateTimeType	
SecondaryPassword	Secondary password used to validate access to the dealer information	0..1	Field	udt:TextType	
SecondaryDealerNumberID	Identifies secondary dealer number if different than primary "Dealer Number"	0..1	Field	udt:IdentifierType	
DocumentIdentificationGroup	A group of identifications that uniquely identifies this document	1..1	Component	DocumentIdentificationGroupType	
InvoiceTotalAmount	Invoice total.	0..1	Field	udt:AmountType	
Tax	The Tax component represents information about a particular tax including information about the type of tax and the amount of the tax.	0..*	Component	TaxType	
Pricing	Provides pricing infomation.	0..*	Component	PricingABIEType	
CodesAndComments	The CodesAndComments component contains information about codes associated with part failures, customer compliants, service codes etc. along with descriptions of those codes and various technician notes.	0..*	Component	CodesAndCommentsType	
RelatedItem	The RelatedItem component contains information about the item,e.g., car, boat, engine, etc., to which the invoice relates.	0..1	Component	RelatedItemType	
CreditCard	The credit card information for the individual purchasing the item.	0..1	Component	CreditCardType	

Name	Description	Occurrence	Type	Data Type	User Notes
MasterCustomerParty	The MasterCustomerParty component represents information about the customer purchasing an item including the BillTo and ShipTo.	0..1	Component	MasterCustomerPartyType	

6.2.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.2. PaymentInvoiceHeader

```
<PaymentInvoiceHeader>
    <DocumentDateTime>......</DocumentDateTime>    [0..1]
    <SecondaryPassword>......</SecondaryPassword>    [0..1]
    <SecondaryDealerNumberID>......</SecondaryDealerNumberID>    [0..1]
    <DocumentIdentificationGroup>......</DocumentIdentificationGroup>    [1..1]
    <InvoiceTotalAmount>......</InvoiceTotalAmount>    [0..1]
    <Tax>......</Tax>    [0..*]
    <Pricing>......</Pricing>    [0..*]
    <CodesAndComments>......</CodesAndComments>    [0..*]
    <RelatedItem>......</RelatedItem>    [0..1]
    <CreditCard>......</CreditCard>    [0..1]
    <MasterCustomerParty>......</MasterCustomerParty>    [0..1]
</PaymentInvoiceHeader>
```

6.3. DocumentIdentificationGroup

Uses the Component: DocumentIdentificationGroupType

A group of identifications that uniquely identifies this document

6.3.1. Fields and Components

Table 6.3. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
DocumentIdentification	A group of identifications that uniquely identifies this document	1..1	Component	DocumentIdentificationType	
AlternateDocumentIdentification	An alternate identification that uniquely identifies this document in addition to the Document ID, e.g., Part Order Number, Parts Purchase Order Number or Parts Invoice Number.	0..*	Component	DocumentIdentificationType	

6.3.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.3. DocumentIdentificationGroup

```
<DocumentIdentificationGroup>
    <DocumentIdentification>......</DocumentIdentification>    [1..1]
    <AlternateDocumentIdentification>......</AlternateDocumentIdentification>    [0..*]
</DocumentIdentificationGroup>
```

6.4. DocumentIdentification

Uses the Component: DocumentIdentificationType

A group of identifications that uniquely identifies this document

6.4.1. Fields and Components

Table 6.4. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
DocumentID		1..1	Field	udt:IdentifierType	

Name	Description	Occurrence	Type	Data Type	User Notes
	The DocumentID is the identifier for the document. This identifier is a GUID or other unique identifier set by the creator of the document.				
AgencyRoleCode	The agency role that defined the Document ID. An example of an agency may be a manufacturer, a retail system provider, etc. This list does not contain specific entity names, only roles. See enumerated list.	0..1	Field	sqdt:AgencyRoleCodeType	

6.4.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.4. DocumentIdentification

```
<DocumentIdentification>
    <DocumentID>......</DocumentID>    [1..1]
    <AgencyRoleCode>......</AgencyRoleCode>    [0..1]
</DocumentIdentification>
```

6.5. AlternateDocumentIdentification

Uses the Component: DocumentIdentificationType

An alternate identification that uniquely identifies this document in addition to the Document ID, e.g., Part Order Number, Parts Purchase Order Number or Parts Invoice Number.

6.5.1. Fields and Components

Table 6.5. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
DocumentID		1..1	Field	udt:IdentifierType	

Name	Description	Occurrence	Type	Data Type	User Notes
	The DocumentID is the identifier for the document. This identifier is a GUID or other unique identifier set by the creator of the document.				
AgencyRoleCode	The agency role that defined the Document ID. An example of an agency may be a manufacturer, a retail system provider, etc. This list does not contain specific entity names, only roles. See enumerated list.	0..1	Field	sqdt:AgencyRoleCodeType	

6.5.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.5. AlternateDocumentIdentification

```
<AlternateDocumentIdentification>
    <DocumentID>......</DocumentID>   [1..1]
    <AgencyRoleCode>......</AgencyRoleCode>   [0..1]
</AlternateDocumentIdentification>
```

6.6. Tax

Uses the Component: TaxType

The Tax component represents information about a particular tax including information about the type of tax and the amount of the tax.

6.6.1. Fields and Components

Table 6.6. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
TaxTypeCode	Identifies the type tax.	1..1	Field	scl:TaxTypeEnumeratedType	

Name	Description	Occurrence	Type	Data Type	User Notes
TaxDescription	Free form text description of tax amount.	0..*	Field	udt:TextType	
TaxAmount	Actual amount of tax paid.	0..1	Field	udt:AmountType	
UnitSalesTaxAmount	Unit amount of sales tax.	0..1	Field	udt:AmountType	
TaxRatePercent	Tax Percentage Rate	0..1	Field	udt:PercentType	
TotalTaxableAmount	Total taxble price	0..1	Field	udt:AmountType	
NonTaxableAmount	Total non-taxble price	0..1	Field	udt:AmountType	
TaxTypeIdCode	Tax type identification	0..1	Field	scl:TaxTypeIdEnumeratedType	
TaxabilityIndicator	Determines whether the dealer wants to claim tax on the cost.	0..1	Field	udt:IndicatorType	
CapitalizedTaxIndicator	Indicates whether the tax is capitalized, meaning whether it is included in the monthly payments. If the tax is not capitalized it is to be paid up front.	0..1	Field	udt:IndicatorType	
TaxPaidToName	The name of the organization or jurisdiction the tax is paid to, e.g., to which state the tax is being paid.	0..1	Field	udt:NameType	
TaxStatusCode	Used to indicate if the the Tax has been paid or is not applicable.	0..1	Field	sqdt:TaxStatusCodeType	
TaxExemptIndicator	Tax Exempt flag. Is this sale tax exempt from taxes.	0..1	Field	udt:IndicatorType	
TaxExemptID	Tax Exempt ID number of the Purchaser.	0..1	Field	udt:TextType	

6.6.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.6. Tax

```
<Tax>
    <TaxTypeCode>......</TaxTypeCode>    [1..1]
    <TaxDescription>......</TaxDescription>    [0..*]
    <TaxAmount>......</TaxAmount>    [0..1]
    <UnitSalesTaxAmount>......</UnitSalesTaxAmount>    [0..1]
    <TaxRatePercent>......</TaxRatePercent>    [0..1]
    <TotalTaxableAmount>......</TotalTaxableAmount>    [0..1]
    <NonTaxableAmount>......</NonTaxableAmount>    [0..1]
    <TaxTypeIdCode>......</TaxTypeIdCode>    [0..1]
    <TaxabilityIndicator>......</TaxabilityIndicator>    [0..1]
    <CapitalizedTaxIndicator>......</CapitalizedTaxIndicator>    [0..1]
    <TaxPaidToName>......</TaxPaidToName>    [0..1]
    <TaxStatusCode>......</TaxStatusCode>    [0..1]
    <TaxExemptIndicator>......</TaxExemptIndicator>    [0..1]
    <TaxExemptID>......</TaxExemptID>    [0..1]
</Tax>
```

6.7. Pricing

Uses the Component: PricingABIEType

Provides pricing infomation.

6.7.1. Fields and Components

Table 6.7. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
PriceSourceCode	Indicates the source (e.g., Quote, MSRP, Invoice, Blue-Book) of the price type of this price.	0..*	Field	udt:CodeType	
PricingDeltaPercent	Used to express delta between to multiple price types .	0..1	Field	udt:PercentType	
PriceHideIndicator	This field indicates whether or not this price should be displayed.	0..1	Field	udt:IndicatorType	

Name	Description	Occurrence	Type	Data Type	User Notes
Price	A sum of money for which something is or may be bought or sold.	1..*	Component	PriceABIEType	
PriceEffectiveDate	It represents the date a price became effective. The Date a vehicle was priced, Date a bid was accepted, etc.	0..1	Field	udt:DateType	

6.7.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.7. Pricing

```
<Pricing>
    <PriceSourceCode>......</PriceSourceCode>    [0..*]
    <PricingDeltaPercent>......</PricingDeltaPercent>    [0..1]
    <PriceHideIndicator>......</PriceHideIndicator>    [0..1]
    <Price>......</Price>    [1..*]
    <PriceEffectiveDate>......</PriceEffectiveDate>    [0..1]
</Pricing>
```

6.8. Price

Uses the Component: PriceABIEType

Price information

6.8.1. Fields and Components

Table 6.8. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
PriceCode	A code specifying the type of price.	0..1	Field	scl:PriceEnumeratedType	
ChargeAmount	The monetary value of the price charged.	0..1	Field	udt:AmountType	

Name	Description	Occurrence	Type	Data Type	User Notes
PriceDescription	A textual description of price.	0..*	Field	udt:TextType	
ApplicableLocation	A location where a particular set of information applies. i.e. if found in the price component this specifies the location within a country that the price may apply.	0..*	Component	LocationABIEType	
TaxType	Tax type relating to the price.	0..1	Field	udt:TextType	
EffectivePeriod	A specific period of time such as the length of time between two known date/time points, from a start date onwards, or up to an end date of when something is effective.	0..1	Component	PeriodABIEType	

6.8.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.8. Price

```
<Price>
    <PriceCode>......</PriceCode>    [0..1]
    <ChargeAmount>......</ChargeAmount>    [0..1]
    <PriceDescription>......</PriceDescription>    [0..*]
    <ApplicableLocation>......</ApplicableLocation>    [0..*]
    <TaxType>......</TaxType>    [0..1]
    <EffectivePeriod>......</EffectivePeriod>    [0..1]
</Price>
```

6.9. ApplicableLocation

Uses the Component: LocationABIEType

A location where a particular set of information applies. i.e. if found in the price component this specifies the location within a country that the price may apply.

6.9.1. Fields and Components

Table 6.9. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
LocationID	Code identifying a physical location	0..1	Field	udt:IdentifierType	
LocationName	A name to identify the location.	0..*	Field	udt:TextType	
LocationDescription	A free-form text description of a physical location.	0..*	Field	udt:TextType	
DistrictID	An identifier for the District an organization resides.	0..1	Field	udt:IdentifierType	
LocationTypeCode	Type of location.	0..1	Field	sqdt:LocationTypeCodeType	
CountryName	A name, expressed as text, of the country.	0..*	Field	udt:TextType	
CountryID	A unique country identifier.	0..1	Field	sqdt:CountryCodeType	
CountrySubDivisionName	A name, expressed as text, of the sub-division of a country.	0..*	Field	udt:TextType	

6.9.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.9. ApplicableLocation

```
<ApplicableLocation>
    <LocationID>......</LocationID>    [0..1]
    <LocationName>......</LocationName>    [0..*]
    <LocationDescription>......</LocationDescription>    [0..*]
    <DistrictID>......</DistrictID>    [0..1]
    <LocationTypeCode>......</LocationTypeCode>    [0..1]
    <CountryName>......</CountryName>    [0..*]
    <CountryID>......</CountryID>    [0..1]
    <CountrySubDivisionName>......</CountrySubDivisionName>    [0..*]
</ApplicableLocation>
```

6.10. EffectivePeriod

Uses the Component: PeriodABIEType

A specific period of time such as the length of time between two known date/time points, from a start date onwards, or up to an end date of when something is effective.

6.10.1. Fields and Components

Table 6.10. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
DurationMeasure	The measure of the length of time for this time period such as hours, days, weeks, months, years.	0..1	Field	sqdt:TimeMeasureType	
InclusiveIndicator	The indication of whether or not the start and end dates are included in this period.	0..1	Field	udt:IndicatorType	
StartDateTime	The date, time, date time or other date time value for the start of this period of time.	0..1	Field	udt:DateTimeType	
EndDateTime	A date, time, date time or other date time value which specifies the end of this period of time.	0..1	Field	udt:DateTimeType	
CompleteDateTime	The date, time, date time or other date time value for a complete period of time expressed as a specific month, a specific week etc. type code for a particular Bulletin.	0..1	Field	udt:DateTimeType	
OpenIndicator	The indication of whether or not an entity is open during this period.	0..1	Field	udt:IndicatorType	
DayOfWeekCode	The DaysOfWeek component is used to identify availability based on days of the week.	0..1	Field	sqdt:DayOfWeekCodeType	

6.10.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.10. EffectivePeriod

```
<EffectivePeriod>
    <DurationMeasure>......</DurationMeasure>    [0..1]
    <InclusiveIndicator>......</InclusiveIndicator>    [0..1]
    <StartDateTime>......</StartDateTime>    [0..1]
    <EndDateTime>......</EndDateTime>    [0..1]
    <CompleteDateTime>......</CompleteDateTime>    [0..1]
    <OpenIndicator>......</OpenIndicator>    [0..1]
    <DayOfWeekCode>......</DayOfWeekCode>    [0..1]
</EffectivePeriod>
```

6.11. CodesAndComments

Uses the Component: CodesAndCommentsType

The CodesAndComments component contains information about codes associated with part failures, customer compliants, service codes etc. along with descriptions of those codes and various technician notes.

6.11.1. Fields and Components

Table 6.11. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
CauseCode	Manufacturer assigned reason the part failed	0..1	Field	udt:CodeType	
CauseDescription	Dealer explanation of vehicle malfunction cause	0..*	Field	udt:TextType	
ComplaintCode	Customer complaint category	0..1	Field	udt:CodeType	
ComplaintDescription	Customer explanation of vehicle malfunction	0..*	Field	udt:TextType	
CorrectionDescription	Dealer explanation of vehicle repair	0..*	Field	udt:TextType	
TechnicianNotes	Free form technician comments	0..1	Field	udt:TextType	
MiscellaneousNotes	Free form miscellaneous comments	0..1	Field	udt:TextType	
JobDenialCode		0..1	Field	udt:CodeType	

Name	Description	Occurrence	Type	Data Type	User Notes
	Dealer / Manufacturer defined code identifying the reason the customer denied service on a repair order line				
JobDenialDescription	Text description of the reason a customer denied service on a repair order line	0..*	Field	udt:TextType	
PartsProductItem	The business information common to all parts.	0..1	Component	PartsProductItemType	

6.11.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.11. CodesAndComments

```
<CodesAndComments>
    <CauseCode>......</CauseCode>    [0..1]
    <CauseDescription>......</CauseDescription>    [0..*]
    <ComplaintCode>......</ComplaintCode>    [0..1]
    <ComplaintDescription>......</ComplaintDescription>    [0..*]
    <CorrectionDescription>......</CorrectionDescription>    [0..*]
    <TechnicianNotes>......</TechnicianNotes>    [0..1]
    <MiscellaneousNotes>......</MiscellaneousNotes>    [0..1]
    <JobDenialCode>......</JobDenialCode>    [0..1]
    <JobDenialDescription>......</JobDenialDescription>    [0..*]
    <PartsProductItem>......</PartsProductItem>    [0..1]
</CodesAndComments>
```

6.12. PartsProductItem

Uses the Component: PartsProductItemType

The business information common to all parts.

6.12.1. Fields and Components

Table 6.12. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
ItemID	Deprecate: Use ItemIdentificationGroup	0..1	Field	udt:IdentifierType	
PartName	The name of a Part or Product Item as text.	0..*	Field	udt:TextType	
PartItemDescription	The description of a Part or Product Item as text.	0..*	Field	udt:TextType	
PartTypeCode	Specifies whether the parts are indicated by manufacturer part code or Part Number - H = Manufacturer Part Code, P = Part Number	0..1	Field	scl:PartTypeEnumeratedType	
PartClassCode	Gifts, literature, keys, regular parts Inventory Class code (if any) used in DMS system.	0..1	Field	udt:CodeType	
PartManufacturer	Identifes the part manufacturer.	0..1	Field	udt:TextType	
ClassCode	Identifies class of part (i.e., accessories, replacement, etc.).	0..1	Field	udt:CodeType	
HazmatIndicator	Indicates that governmental regulations consider this part as hazardous material.	0..1	Field	udt:IndicatorType	
HazardousMaterialDescription	Gives information about type of hazardous material. This information is used for transportation and storage restriction.	0..1	Field	udt:TextType	
ItemIDCategoryTypeCode	The category a part number is associated with.	0..1	Field	sqdt:ItemIDCategoryTypeCodeType	
AlternateItemIDs	Deprecate: Use ItemIdentificationGroup	0..*	Component	AlternateItemIDsType	
ItemIdentificationGroup	A group of identifications that uniquely identifies this document	0..1	Component	ItemIdentificationGroupType	
SerialNumberID	A number, usually one of a series, assigned for identification This is not the Item ID.	0..1	Field	udt:IdentifierType	
SerialNumberIDRequiredIndicator	Indicates whether or not a serial number is required for a particular item.	0..1	Field	udt:IndicatorType	
PackageQuantity	Allows the retailer to know the quantity contained in the package.	0..1	Field	sqdt:QuantityType	
AcquisitionMethodTypeCode	Method of purchase normally used to acquire this item.	0..1	Field	sqdt:AcquisitionMethodTypeCodeType	

Name	Description	Occurrence	Type	Data Type	User Notes
VendorCode	Used by DMS providers for internal cross referencing between multiple vendor lines.	0..1	Field	udt:CodeType	
ProgramCode	Code issued by item manufacturer that indicates the rules and pricing used when selling direct to retailers instead of through OEMs.	0..1	Field	udt:CodeType	
PartConditionCode	The condition of a part.	0..1	Field	sqdt:PartConditionCodeType	
UOMCode	Units of Measure - ea=Each; bx=Box; case=Case; ctn=Carton; gal=Gallon; qt=Quart; pt=Pint; ft=Feet; yd=Yard; in=Inch; L=Liter; m=Meter; cm=Centimeter; kg=Kilograms; g=grams; other=Other	0..1	Field	scl:UOMEnumeratedType	
VMRSCode	Vehicle Maintenance Reporting Standards code.	0..1	Field	udt:CodeType	
StockingLevelIndicatorCode	Indicates level of stocking maintained by OEM for this part. This pertains not only to the replentishment algorithm, but the number of stocking locations.	0..1	Field	sqdt:StockingLevelIndicatorCodeType	
FreeFormTextGroup	This component allows for the free form entry of notes and text descriptions. Detailed data should use one of the existing fields or submit a modification request back to STAR to capture the appropriate data.	0..1	Component	FreeFormTextGroupType	
EligibleForReturnIndicator	An indicator to flag whether or not the part may be returned. True it can be returned, False it is not returnable.	0..1	Field	udt:IndicatorType	
PartSupplyStatusCode	Communicates the current supply status of the part providing better visibility on the availability and lead time for procurement. Example values: 'Non service part' 'No import part' 'Not stocked in the USA' 'Manufacture discontinued'.	0..1	Field	udt:CodeType	
CorePartDescription	Text Description of the Core Part.	0..1	Field	udt:TextType	
RemanufacturedPartDescription	Description of a remanufactured part.	0..1	Field	udt:TextType	
PatentPendingDescription	Patent pending description of a part.	0..1	Field	udt:TextType	
ServiceFileDescription	Service file description.	0..1	Field	udt:TextType	

Name	Description	Occurrence	Type	Data Type	User Notes
PartDealerSalesRestriction	Part sales restriction. 0=OK to sell, 1=Restricted Distribution, 2=Not for sale.	0..1	Field	scl:PartSalesRestrictionCodeEnumeratedType	
PartOrderRestriction	Ordering restrictions. 0=No Restrictions =Obsolete =Non-USA part =Out of production =No longer procured =Not yet adopted	0..1	Field	scl:PartOrderingRestrictionCodeEnumeratedType	
PartSourceCode	Source code for the part	0..1	Field	udt:CodeType	
PartSourceDescription	Description of the source code	0..1	Field	udt:TextType	

6.12.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.12. PartsProductItem

```
<PartsProductItem>
    <ItemID>......</ItemID>    [0..1]
    <PartName>......</PartName>    [0..*]
    <PartItemDescription>......</PartItemDescription>    [0..*]
    <PartTypeCode>......</PartTypeCode>    [0..1]
    <PartClassCode>......</PartClassCode>    [0..1]
    <PartManufacturer>......</PartManufacturer>    [0..1]
    <ClassCode>......</ClassCode>    [0..1]
    <HazmatIndicator>......</HazmatIndicator>    [0..1]
    <HazardousMaterialDescription>......</HazardousMaterialDescription>    [0..1]
    <ItemIDCategoryTypeCode>......</ItemIDCategoryTypeCode>    [0..1]
    <AlternateItemIDs>......</AlternateItemIDs>    [0..*]
    <ItemIdentificationGroup>......</ItemIdentificationGroup>    [0..1]
    <SerialNumberID>......</SerialNumberID>    [0..1]
    <SerialNumberIDRequiredIndicator>......</SerialNumberIDRequiredIndicator>    [0..1]
    <PackageQuantity>......</PackageQuantity>    [0..1]
    <AcquisitionMethodTypeCode>......</AcquisitionMethodTypeCode>    [0..1]
    <VendorCode>......</VendorCode>    [0..1]
    <ProgramCode>......</ProgramCode>    [0..1]
    <PartConditionCode>......</PartConditionCode>    [0..1]
    <UOMCode>......</UOMCode>    [0..1]
    <VMRSCode>......</VMRSCode>    [0..1]
    <StockingLevelIndicatorCode>......</StockingLevelIndicatorCode>    [0..1]
    <FreeFormTextGroup>......</FreeFormTextGroup>    [0..1]
    <EligibleForReturnIndicator>......</EligibleForReturnIndicator>    [0..1]
    <PartSupplyStatusCode>......</PartSupplyStatusCode>    [0..1]
    <CorePartDescription>......</CorePartDescription>    [0..1]
    <RemanufacturedPartDescription>......</RemanufacturedPartDescription>    [0..1]
    <PatentPendingDescription>......</PatentPendingDescription>    [0..1]
    <ServiceFileDescription>......</ServiceFileDescription>    [0..1]
    <PartDealerSalesRestriction>......</PartDealerSalesRestriction>    [0..1]
    <PartOrderRestriction>......</PartOrderRestriction>    [0..1]
    <PartSourceCode>......</PartSourceCode>    [0..1]
    <PartSourceDescription>......</PartSourceDescription>    [0..1]
</PartsProductItem>
```

6.13. AlternateItemIDs

Uses the Component: AlternateItemIDsType

The AlternateItemIDs component is used to provide alternate IDs for an item such as OEM part number, ACDELCO part number, UPC, etc.

6.13.1. Fields and Components

Table 6.13. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
ItemID	The identifier of an item (e.g, a part number)	1..1	Field	udt:IdentifierType	
ItemIDCategoryTypeCode	The category a part number is associated with.	0..1	Field	sqdt:ItemIDCategoryTypeCodeType	

6.13.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.13. AlternateItemIDs

```
<AlternateItemIDs>
    <ItemID>......</ItemID>    [1..1]
    <ItemIDCategoryTypeCode>......</ItemIDCategoryTypeCode>    [0..1]
</AlternateItemIDs>
```

6.14. ItemIdentificationGroup

Uses the Component: ItemIdentificationGroupType

A group of identifications that uniquely identifies this document

6.14.1. Fields and Components

Table 6.14. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
ItemIdentification	An identifer for an item.	1..*	Component	ItemIdentificationType	

6.14.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.14. ItemIdentificationGroup

```
<ItemIdentificationGroup>
    <ItemIdentification>......</ItemIdentification>    [1..*]
</ItemIdentificationGroup>
```

6.15. ItemIdentification

Uses the Component: ItemIdentificationType

An identifer for an item.

6.15.1. Fields and Components

Table 6.15. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
ItemID	The identifier of an item (e.g, a part number)	1..1	Field	udt:IdentifierType	
AgencyRoleCode	The agency role that defined the Item. An example of an agency may be a manufacturer, a retail system provider, etc. This list does not contain specific entity names, only roles. Use of the schemaAgencyName should be used to identify the agency defining the Role. Roles are defined in the enumeration.	0..1	Field	sqdt:AgencyRoleCodeType	

6.15.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.15. ItemIdentification

```
<ItemIdentification>
    <ItemID>......</ItemID>    [1..1]
    <AgencyRoleCode>......</AgencyRoleCode>    [0..1]
</ItemIdentification>
```

6.16. FreeFormTextGroup

Uses the Component: FreeFormTextGroupType

This component allows for the free form entry of notes and text descriptions. Detailed data should use one of the existing fields or submit a modification request back to STAR to capture the appropriate data.

6.16.1. Fields and Components

Table 6.16. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
Note	Free-form text field describing a note.	0..*	Field	udt:TextType	
Description		0..*	Field	udt:TextType	

6.16.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.16. FreeFormTextGroup

```
<FreeFormTextGroup>
    <Note>......</Note>    [0..*]
    <Description>......</Description>    [0..*]
</FreeFormTextGroup>
```

6.17. RelatedItem

Uses the Component: RelatedItemType

The RelatedItem component contains information about the item,e.g., car, boat, engine, etc., to which the invoice relates.

6.17.1. Fields and Components

Table 6.17. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
VehicleRelatedItem	A detail item for a vehicle related to a particular item.	0..*	Component	VehicleRelatedItemType	

6.17.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.17. RelatedItem

```
<RelatedItem>
    <VehicleRelatedItem>......</VehicleRelatedItem>    [0..*]
</RelatedItem>
```

6.18. VehicleRelatedItem

Uses the Component: VehicleRelatedItemType

A detail item for a vehicle related to a particular item.

6.18.1. Fields and Components

Table 6.18. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
Vehicle	Common vehicle component	0..1	Component	VehicleABIEType	
CurrentDistanceMeasure	Odometer reading of vehicle at the current time	1..1	Field	udt:MeasureType	

6.18.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.18. VehicleRelatedItem

```
<VehicleRelatedItem>
    <Vehicle>......</Vehicle>    [0..1]
    <CurrentDistanceMeasure>......</CurrentDistanceMeasure>    [1..1]
</VehicleRelatedItem>
```

6.19. Vehicle

Uses the Component: VehicleABIEType

Common vehicle component

6.19.1. Fields and Components

Table 6.19. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
Model	Manufacturer-assigned model code of vehicle - Usually available in the VIN number (use NCIC code)	0..1	Field	udt:TextType	
ModelYear	Vehicle designated model year	0..1	Field	qdt:YearDateType	
ModelDescription	Descriptive vehicle model name	0..*	Field	udt:TextType	

Name	Description	Occurrence	Type	Data Type	User Notes
MakeString	Vehicle make code - Usually available in the VIN number (use NCIC code).	0..1	Field	qdt:StringType	
SaleClassCode	Class of Sale	0..1	Field	scl:SaleClassEnumeratedType	
Condition	Condition of Vehicle - Example: Excellent, Good, Fair, Poor, Unknown	0..1	Field	udt:TextType	
VehicleNote	Any vehicle related notes	0..*	Field	udt:TextType	
TrimCode	Manufacturer assigned trim code	0..1	Field	udt:CodeType	
DoorsQuantityNumeric	Number of doors on vehicle	0..1	Field	udt:NumericType	
BodyStyle	Manufacturer-assigned vehicle body style	0..1	Field	udt:TextType	
TransmissionGroup	Vehicle Transmission type	0..1	Component	TransmissionGroupType	
ColorGroup		0..*	Component	ColorGroupType	
VehicleClassCode	VehicleClass	0..1	Field	scl:VehicleClassEnumeratedType	
FuelTypeCode	Type of vehicle fuel	0..1	Field	sqdt:FuelTypeCodeType	
DriveTrain	Indicates whether the vehicle is 2 or 4 wheel drive (i.e., 2WD, 4WD, 4x4, 4x2)	0..1	Field	udt:TextType	
DriveTypeCode	Designates Vehicle drive type	0..1	Field	scl:DriveTypeEnumeratedType	
VehiclePassengersNumeric	Passenger/seat capacity count of vehicle	0..1	Field	udt:NumericType	
Engine	Describes the engine on the vehicle.	0..*	Component	EngineType	
VehicleID	The Vehicle identification. This could be the VIN, HIN, or some other unique identifier for a vehicle. This optional element allows only one vehicle ID for a given Vehicle. However, for some type of vehicles (e.g. construction equipment), the need arises to record more than one VehicleID for a Vehicle. If more than one vehicle ID must be recorded, please use the "VehicleIdentificationGroup" element below.	0..1	Field	udt:IdentifierType	
AxleCode	The code on the axle of the vehicle.	0..1	Field	udt:CodeType	

Name	Description	Occurrence	Type	Data Type	User Notes
ManufacturerName	Manufacturer name.	0..1	Field	udt:NameType	
VehicleWeightMeasure	Vehicle weight.	0..1	Field	sqdt:WeightMeasureType	
GrossWeightMeasure	Gross weight.	0..1	Field	sqdt:WeightMeasureType	
UnloadedVehicleWeightMeasure	The weight of the item without any load. If the item has a trailer, this would be the weight of the item minus it	0..1	Field	sqdt:WeightMeasureType	
ModelGroup	Grouping of similar models for order management purposes	0..1	Field	udt:TextType	
ModelYearChangeIndicator	Model Year can change indicator	0..1	Field	udt:IndicatorType	
DistributorModelCode	Alternate model code, usually used for vehicle ordering	0..1	Field	udt:TextType	
ModelClass	Indicates the specific class of vehicle attached to the model description (ie: GT, XLE, SE)	0..1	Field	udt:TextType	
RegistrationID	A governement issued registration identifier for a vehicle. I.e. license plate number.	0..1	Field	udt:IdentifierType	
VehicleLengthMeasure	Length of the vehicle.	0..1	Field	sqdt:LengthMeasureType	
Chassis	A general term that refers to all of the mechanical parts of a car attached to a structural frame. In cars with unitized construction, the chassis comprises everything but the body of the car.	0..1	Component	ChassisType	
SeriesCode	The model series code for the specified vehicle (i.e., trim level). This is different from Make and Model. Example, Limited Edition	0..1	Field	udt:CodeType	
SeriesName	The name corresponding to the SeriesCode (i.e., trim level). This is different from Make and Model. Example, Limited Edition	0..1	Field	udt:CodeType	
VehicleStockString	Dealer assigned vehicle stock number	0..1	Field	qdt:StringType	
VehicleDescription	A detailed description for the vehicle.	0..*	Field	udt:TextType	
DryWeightMeasure	Indicates the weight of the item when all fluids are empty.	0..1	Field	sqdt:WeightMeasureType	
WetWeightMeasure	Indicates the weight of the item when all fluids are added.	0..1	Field	sqdt:WeightMeasureType	

Name	Description	Occurrence	Type	Data Type	User Notes
Tank	Indicates the weight of the item when all fluids are added.	0..*	Component	TankType	
MaximumSpeedMeasure	The maximum speed at which a particular vehicle configuration may obtain. This includes the entire configuration of the vehicle.	0..1	Field	sqdt:SpeedMeasureType	
VehicleDimension	The height, length, and width of a vehicle.	0..1	Component	DimensionType	
WheelBaseMeasure	The horizontal distance between the center of the front wheel, and the center of the rear wheel	0..1	Field	sqdt:LengthMeasureType	
TurningRadiusMeasure	Size of the smallest circular turn (ie. U-turn) that the vehicle is capable of making	0..1	Field	sqdt:LengthMeasureType	
GroundClearanceMeasure	Amount of space between the base of an vehicle tire and the underside of the chassis.	0..1	Field	sqdt:LengthMeasureType	
SeatHeightMeasure	The distance from the ground to the top of the seat. Used primarily with ATVs.	0..1	Field	sqdt:LengthMeasureType	
TowingCapacityWeightMeasure	A measurement describing the upper limit to the weight of a trailer a vehicle can tow.	0..1	Field	sqdt:WeightMeasureType	
CertificationGroup		0..1	Component	CertificationGroupType	
PayloadCapacityWeightMeasure	A measurement for describing the payload capacity of the vehicle	0..1	Field	sqdt:WeightMeasureType	
InteriorDescription	Description of the interior condition of a preowned vehicle	0..1	Field	udt:TextType	
FrontAxleWeight	The vehicle's front axle weight	0..1	Field	sqdt:WeightMeasureType	
RearAxleWeight	The vehicle's rear axle weight	0..1	Field	sqdt:WeightMeasureType	
VehicleIdentificationGroup	The grouping of Vehicle Identifications. Use this component(group) instead of the simple VehicleID element, if more than one VehicleID must be recorded for a given vehicle (e.g. construction equipment).	0..1	Component	VehicleIdentificationGroupType	
MarketConfigurationCode	A code identifying a particular market-specific configuration.	0..1	Field	udt:TextType	
CountryExportedTo	Country where the vehicle has been exported to.	0..1	Field	sqdt:CountryCodeType	

Name	Description	Occurrence	Type	Data Type	User Notes
VehicleOperation	Indicates industry/area where the vehicle operates. Possible values are: Truck Timber; Truck Tipper, Truck Tanker.	0..1	Field	udt:TextType	
VehicleApplication	Indicates type of operations the vehicle is used in. Possible values are: Normal; Heavy; Severe; Other.	0..1	Field	udt:TextType	
VehicleHistoryDateGroup	Component to communicate important dates and events for a vehicle.	0..*	Component	VehicleHistoryDateGroupType	
VariantID	Code to indicate the product option and variations within a function or property.	0..*	Field	udt:IdentifierType	
VariantDescription	Description of the product option and variations within a function or property.	0..*	Field	udt:TextType	
CustomerAdaptations	Used to alter the basic specification of a standard vehicle. This is done by adding and deleting parts as required and possibly reconfiguring the truck to suit a customer's specific requirements.	0..*	Field	udt:IdentifierType	
CustomerAdaptationsDescriptions	Also called S-Note, used to alter the basic specification of a standard vehicle. This is done by adding and deleting parts as required and possibly reconfiguring the truck to suit a customer's specific requirements.	0..*	Field	udt:TextType	
InactiveCode	Status code to indicate the reason why the vehicle became inactive; used to filter out campaigns.	0..1	Field	udt:TextType	
Project	Used to identify if the vehicle is in project mode or in serial production.	0..1	Field	udt:TextType	
Development	Used to identify if a vehicle is development or design vehicle.	0..1	Field	udt:TextType	
RegistrationStateProvince	State or Province where vehicle is registered.	0..1	Field	udt:TextType	
RegistrationCountry	Country where vehicle is registered.	0..1	Field	sqdt:CountryCodeType	
Option	The Option represents information about a vehicle's options.	0..*	Component	OptionABIEType	
VehicleMajorPartsProductItem	The vehicle's major assemblies.	0..*	Component	VehicleMajorPartsProductItemType	

Name	Description	Occurrence	Type	Data Type	User Notes
ProductClassCode	Used to communicate product class codes.	0..1	Field	udt:CodeType	
ProductClassCodeDescription	Used to communicate product class code description.	0..1	Field	udt:TextType	
TelematicsSubscription	To communicate telematatics status and subscription information.	0..*	Component	TelematicsSubscriptionType	

6.19.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.19. Vehicle

```
    <FuelTypeCode>......</FuelTypeCode>    [0..1]
    <DriveTrain>......</DriveTrain>    [0..1]
    <DriveTypeCode>......</DriveTypeCode>    [0..1]
    <VehiclePassengersNumeric>......</VehiclePassengersNumeric>    [0..1]
    <Engine>......</Engine>    [0..*]
    <VehicleID>......</VehicleID>    [0..1]
    <AxleCode>......</AxleCode>    [0..1]
    <ManufacturerName>......</ManufacturerName>    [0..1]
    <VehicleWeightMeasure>......</VehicleWeightMeasure>    [0..1]
    <GrossWeightMeasure>......</GrossWeightMeasure>    [0..1]
    <UnloadedVehicleWeightMeasure>......</UnloadedVehicleWeightMeasure>    [0..1]
    <ModelGroup>......</ModelGroup>    [0..1]
    <ModelYearChangeIndicator>......</ModelYearChangeIndicator>    [0..1]
    <DistributorModelCode>......</DistributorModelCode>    [0..1]
    <ModelClass>......</ModelClass>    [0..1]
    <RegistrationID>......</RegistrationID>    [0..1]
    <VehicleLengthMeasure>......</VehicleLengthMeasure>    [0..1]
    <Chassis>......</Chassis>    [0..1]
    <SeriesCode>......</SeriesCode>    [0..1]
    <SeriesName>......</SeriesName>    [0..1]
    <VehicleStockString>......</VehicleStockString>    [0..1]
    <VehicleDescription>......</VehicleDescription>    [0..*]
    <DryWeightMeasure>......</DryWeightMeasure>    [0..1]
    <WetWeightMeasure>......</WetWeightMeasure>    [0..1]
    <Tank>......</Tank>    [0..*]
    <MaximumSpeedMeasure>......</MaximumSpeedMeasure>    [0..1]
    <VehicleDimension>......</VehicleDimension>    [0..1]
    <WheelBaseMeasure>......</WheelBaseMeasure>    [0..1]
    <TurningRadiusMeasure>......</TurningRadiusMeasure>    [0..1]
    <GroundClearanceMeasure>......</GroundClearanceMeasure>    [0..1]
    <SeatHeightMeasure>......</SeatHeightMeasure>    [0..1]
    <TowingCapacityWeightMeasure>......</TowingCapacityWeightMeasure>    [0..1]
    <CertificationGroup>......</CertificationGroup>    [0..1]
    <PayloadCapacityWeightMeasure>......</PayloadCapacityWeightMeasure>    [0..1]
    <InteriorDescription>......</InteriorDescription>    [0..1]
    <FrontAxleWeight>......</FrontAxleWeight>    [0..1]
    <RearAxleWeight>......</RearAxleWeight>    [0..1]
    <VehicleIdentificationGroup>......</VehicleIdentificationGroup>    [0..1]
    <MarketConfigurationCode>......</MarketConfigurationCode>    [0..1]
    <CountryExportedTo>......</CountryExportedTo>    [0..1]
    <VehicleOperation>......</VehicleOperation>    [0..1]
    <VehicleApplication>......</VehicleApplication>    [0..1]
    <VehicleHistoryDateGroup>......</VehicleHistoryDateGroup>    [0..*]
    <VariantID>......</VariantID>    [0..*]
    <VariantDescription>......</VariantDescription>    [0..*]
    <CustomerAdaptations>......</CustomerAdaptations>    [0..*]
    <CustomerAdaptationsDescriptions>......</CustomerAdaptationsDescriptions>    [0..*]
    <InactiveCode>......</InactiveCode>    [0..1]
    <Project>......</Project>    [0..1]
    <Development>......</Development>    [0..1]
    <RegistrationStateProvince>......</RegistrationStateProvince>    [0..1]
    <RegistrationCountry>......</RegistrationCountry>    [0..1]
    <Option>......</Option>    [0..*]
    <VehicleMajorPartsProductItem>......</VehicleMajorPartsProductItem>    [0..*]
    <ProductClassCode>......</ProductClassCode>    [0..1]
    <ProductClassCodeDescription>......</ProductClassCodeDescription>    [0..1]
    <TelematicsSubscription>......</TelematicsSubscription>    [0..*]
</Vehicle>
```

6.20. TransmissionGroup

Uses the Component: TransmissionGroupType

Details describing the transmission of a vehicle, truck, boat, etc..

6.20.1. Fields and Components

Table 6.20. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
TransmissionCode	Transmission Serial Number	0..1	Field	udt:CodeType	
TransmissionTypeCode	Vehicle Transmission type - 3 = 3 speed, 4 = 4 speed, 5 = 5 speed, 6 = 6 speed, A - Automatic	0..1	Field	scl:TransmissionTypeEnumeratedType	
TransmissionTypeName	Name of transmission type (i.e., Hydromatic, Shiftronic, Manual, Automatic, etc.)	0..1	Field	udt:TextType	

6.20.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.20. TransmissionGroup

```
<TransmissionGroup>
    <TransmissionCode>......</TransmissionCode>    [0..1]
    <TransmissionTypeCode>......</TransmissionTypeCode>    [0..1]
    <TransmissionTypeName>......</TransmissionTypeName>    [0..1]
</TransmissionGroup>
```

6.21. ColorGroup

Uses the Component: ColorGroupType

6.21.1. Fields and Components

Table 6.21. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
ColorItemCode	Identifies the item for which color is being described.	1..1	Field	scl:ColorItemEnumeratedType	
ManufacturerColorCode	Manufacturer-assigned color code.	0..1	Field	udt:CodeType	
ColorDescription	Description of a color.	0..*	Field	udt:TextType	
ColorName	The name of a color, e.g. Hawthorn Green.	0..1	Field	udt:NameType	
ColorCodeChangeIndicator	Indicates whether or not the color code (e.g., Interior Color Code, Exterior Color Code) can be changed.	0..1	Field	udt:IndicatorType	

6.21.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.21. ColorGroup

```
<ColorGroup>
    <ColorItemCode>......</ColorItemCode>    [1..1]
    <ManufacturerColorCode>......</ManufacturerColorCode>    [0..1]
    <ColorDescription>......</ColorDescription>    [0..*]
    <ColorName>......</ColorName>    [0..1]
    <ColorCodeChangeIndicator>......</ColorCodeChangeIndicator>    [0..1]
</ColorGroup>
```

6.22. Engine

Uses the Component: EngineType

Information describing the components that are part of an engine.

6.22.1. Fields and Components

Table 6.22. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
MakeString	Depracated: Use VehicleMake	0..1	Field	qdt:StringType	
ModelDescription	Descriptive vehicle model name	0..*	Field	udt:TextType	
ModelYear	Vehicle designated model year	0..1	Field	qdt:YearDateType	
SaleClassCode	Class of sale.	0..1	Field	scl:SaleClassEnumeratedType	
Condition	Condition of Vehicle - Example: Excellent, Good, Fair, Poor, Unknown	0..1	Field	udt:TextType	
Model	Manufacturer-assigned model code of vehicle - Usually available in the VIN number (use NCIC code)	0..1	Field	udt:TextType	
VehicleStockString	Dealer assigned vehicle stock number	0..1	Field	qdt:StringType	
ColorGroup		0..*	Component	ColorGroupType	
BoatEngineTypeCode	Type of engine on or for a boat.	0..1	Field	scl:BoatEngineTypeEnumeratedType	
FuelTypeCode	Type of vehicle fuel	0..1	Field	sqdt:FuelTypeCodeType	
FullThrottleOperatingRangeMaximumMeasure	Measured in RPM is the prop speed at full throttle.	0..1	Field	sqdt:SpeedMeasureType	
IdleRevolutionPerMinuteForwardGearMinimumMeasure	Measured in RPM is the prop speed at minimum throttle.	0..1	Field	sqdt:SpeedMeasureType	
AlternatorOutputMeasure	The amount of current in amps that the alternator can supply.	0..1	Field	sqdt:ElectricityMeasureType	
BatterySizeRequirementsMeasure	Battery size required to start the engine in CCA (Cold Cranking Amps).	0..1	Field	sqdt:ElectricityMeasureType	
CurrentDrawMeasure	Current required to run the electric motor.	0..1	Field	sqdt:ElectricityMeasureType	
PeakThrustMeasure	Maximum thrust produced by the electric motor.	0..1	Field	sqdt:ForceMeasureType	
BoreMeasure	The size of the engine piston / cylinder.	0..1	Field	sqdt:LengthMeasureType	

Name	Description	Occurrence	Type	Data Type	User Notes
StrokeMeasure	Piston movement distance.	0..1	Field	sqdt:LengthMeasureType	
CylinderConfigurationCode	Indicates the way the engine cylinder is configured.	0..1	Field	scl:CylinderConfigurationEnumeratedType	
NumberOfEngineCylindersNumeric	Represents the number of cylinders in the vehicle engine.	0..1	Field	udt:NumericType	
FuelInductionSystemCode	The type of system used to get the fuel into the engine cylinders, e.g., Carborated, Injected, Multiport, etc.	0..1	Field	udt:CodeType	
BoatEngineLocationCode	Defines the location on the boat that the engine can be mounted.	0..1	Field	sqdt:BoatEngineLocationCodeType	
FuelConsumptionMeasure	Amount of fuel consumed by the engine.	0..1	Field	sqdt:FuelConsumptionMeasureType	
TotalEngineHoursNumeric	Total hours of engine(s) use.	0..1	Field	udt:NumericType	
PowerTrimIndicator	Indicates if the engine has a Power Trim.	0..1	Field	udt:IndicatorType	
StartingSystemTypeCode	The method required to start the engine.	0..1	Field	scl:StartingSystemTypeEnumeratedType	
IgnitionSystem	System used to fire the engine.	0..1	Field	udt:TextType	
LubricationSystem	System used to lubricate the engine.	0..1	Field	udt:TextType	
CoolingSystem	System used to cool the engine.	0..1	Field	udt:TextType	
Emissions	How much pollution the engine is rated to put out.	0..1	Field	udt:TextType	
SteeringSystem	System required to steer the engine.	0..1	Field	udt:TextType	
PropellerType	Indicates the type of propeller, e.g. 3 bladded brass prop, composite, etc.	0..1	Field	udt:TextType	
GeneralEngineDescription	General descriptive text used to describe the engine.	0..*	Field	udt:TextType	
DetailedEngineDescription	Detailed descriptive text used to describe the engine. This field provides more detail than the GeneralEngineDescription field.	0..*	Field	udt:TextType	
DriveTransmissionDescription	Text description of the transmission.	0..*	Field	udt:TextType	
EngineSerialString	Engine serial number.	0..1	Field	qdt:StringType	
DriveSerialString	Drive serial number.	0..1	Field	qdt:StringType	
TransomShieldKitSerialString	The serial number of the Transom Shield Kit (TSK).	0..1	Field	qdt:StringType	

Name	Description	Occurrence	Type	Data Type	User Notes
VDriveSerialString	V-Drive serial number.	0..1	Field	qdt:StringType	
TransmissionSerialString	The serial number of the Transmission.	0..1	Field	qdt:StringType	
DryWeightMeasure	Indicates the weight of the item when all fluids are empty.	0..1	Field	sqdt:WeightMeasureType	
WetWeightMeasure	Indicates the weight of the item when all fluids are present.	0..1	Field	sqdt:WeightMeasureType	
ShaftLengthMeasure	Length of the shaft on which the prop mounts.	0..1	Field	sqdt:LengthMeasureType	
EffectiveMeanPressureMeasure	The mean effective pressure (MEP) is the average pressure exerted on the piston during each power stroke.	0..*	Component	MeasurementType	
PowerMeasure	Defines the manufacturers rated output drive power of the engine.	0..*	Component	MeasurementType	
MeanPistonSpeedMeasure	Mean piston speed is the average speed of the piston in a reciprocating engine.	0..*	Component	MeasurementType	
CompressionPressureMeasure	Pressure in the cylinder when the engine is running at 240-300 rpm	0..1	Field	sqdt:PressureMeasureType	
TorqueMeasure	Define the manufacturers rated torque output of the engine	0..1	Component	MeasurementType	
GearRatioGroup		0..*	Component	GearRatioGroupType	
EngineDimensions		0..*	Component	EngineDimensionsType	
DisplacementMeasure	Volume displaced by each piston moving from bottom dead center to top dead center. This is for all pistons in total.	0..1	Field	sqdt:DisplacementMeasureType	
OperatingVoltageMeasure	Voltage required to run an electric motor.	0..1	Field	sqdt:ElectricityMeasureType	
CompressionRatioMeasure	A value that represents the ratio of the volume of its combustion chamber; from its largest capacity to its smallest capacity	0..1	Field	udt:MeasureType	
ItemID	Engines needs to be identified with part identifier.	0..1	Field	udt:IdentifierType	
ManufacturerName	Engine manufacturer name.	0..1	Field	udt:TextType	

6.22.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.22.: Engine

```
<Engine>
    <MakeString>......</MakeString>    [0..1]
    <ModelDescription>......</ModelDescription>    [0..*]
    <ModelYear>......</ModelYear>    [0..1]
    <SaleClassCode>......</SaleClassCode>    [0..1]
    <Condition>......</Condition>    [0..1]
    <Model>......</Model>    [0..1]
    <VehicleStockString>......</VehicleStockString>    [0..1]
    <ColorGroup>......</ColorGroup>    [0..*]
    <BoatEngineTypeCode>......</BoatEngineTypeCode>    [0..1]
    <FuelTypeCode>......</FuelTypeCode>    [0..1]
    <FullThrottleOperatingRangeMaximumMeasure>......</FullThrottleOperatingRangeMaximumMeasure>    [0..1]
    <IdleRevolutionPerMinuteForwardGearMinimumMeasure>......</IdleRevolutionPerMinuteForwardGearMinimumMeasure>    [0..1]
    <AlternatorOutputMeasure>......</AlternatorOutputMeasure>    [0..1]
    <BatterySizeRequirementsMeasure>......</BatterySizeRequirementsMeasure>    [0..1]
    <CurrentDrawMeasure>......</CurrentDrawMeasure>    [0..1]
    <PeakThrustMeasure>......</PeakThrustMeasure>    [0..1]
    <BoreMeasure>......</BoreMeasure>    [0..1]
    <StrokeMeasure>......</StrokeMeasure>    [0..1]
    <CylinderConfigurationCode>......</CylinderConfigurationCode>    [0..1]
    <NumberOfEngineCylindersNumeric>......</NumberOfEngineCylindersNumeric>    [0..1]
    <FuelInductionSystemCode>......</FuelInductionSystemCode>    [0..1]
    <BoatEngineLocationCode>......</BoatEngineLocationCode>    [0..1]
    <FuelConsumptionMeasure>......</FuelConsumptionMeasure>    [0..1]
    <TotalEngineHoursNumeric>......</TotalEngineHoursNumeric>    [0..1]
    <PowerTrimIndicator>......</PowerTrimIndicator>    [0..1]
    <StartingSystemTypeCode>......</StartingSystemTypeCode>    [0..1]
    <IgnitionSystem>......</IgnitionSystem>    [0..1]
    <LubricationSystem>......</LubricationSystem>    [0..1]
    <CoolingSystem>......</CoolingSystem>    [0..1]
    <Emissions>......</Emissions>    [0..1]
    <SteeringSystem>......</SteeringSystem>    [0..1]
    <PropellerType>......</PropellerType>    [0..1]
    <GeneralEngineDescription>......</GeneralEngineDescription>    [0..*]
    <DetailedEngineDescription>......</DetailedEngineDescription>    [0..*]
    <DriveTransmissionDescription>......</DriveTransmissionDescription>    [0..*]
    <EngineSerialString>......</EngineSerialString>    [0..1]
    <DriveSerialString>......</DriveSerialString>    [0..1]
    <TransomShieldKitSerialString>......</TransomShieldKitSerialString>    [0..1]
    <VDriveSerialString>......</VDriveSerialString>    [0..1]
    <TransmissionSerialString>......</TransmissionSerialString>    [0..1]
    <DryWeightMeasure>......</DryWeightMeasure>    [0..1]
    <WetWeightMeasure>......</WetWeightMeasure>    [0..1]
    <ShaftLengthMeasure>......</ShaftLengthMeasure>    [0..1]
    <EffectiveMeanPressureMeasure>......</EffectiveMeanPressureMeasure>    [0..*]
    <PowerMeasure>......</PowerMeasure>    [0..*]
    <MeanPistonSpeedMeasure>......</MeanPistonSpeedMeasure>    [0..*]
    <CompressionPressureMeasure>......</CompressionPressureMeasure>    [0..1]
    <TorqueMeasure>......</TorqueMeasure>    [0..1]
    <GearRatioGroup>......</GearRatioGroup>    [0..*]
    <EngineDimensions>......</EngineDimensions>    [0..*]
    <DisplacementMeasure>......</DisplacementMeasure>    [0..1]
    <OperatingVoltageMeasure>......</OperatingVoltageMeasure>    [0..1]
    <CompressionRatioMeasure>......</CompressionRatioMeasure>    [0..1]
    <ItemID>......</ItemID>    [0..1]
    <ManufacturerName>......</ManufacturerName>    [0..1]
</Engine>
```

6.23. EffectiveMeanPressureMeasure

Uses the Component: MeasurementType

The mean effective pressure (MEP) is the average pressure exerted on the piston during each power stroke.

6.23.1. Fields and Components

Table 6.23. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
PressureMeasure	Defines an amount of pressure.	0..1	Field	sqdt:PressureMeasureType	
SpeedMeasure	Defines a rate of speed.	0..1	Field	sqdt:SpeedMeasureType	
ElectricityMeasure	Defines a rate of electricity.	0..1	Field	sqdt:ElectricityMeasureType	
MechanicalEnergyMeasure	The amount of mechanical energy produced. This can be the number of horse power that is produced by an engine.	0..1	Field	sqdt:PowerMeasureType	
LocationID	Code identifying a physical location	0..1	Field	udt:IdentifierType	
LocationName	A name to identify the location.	0..*	Field	udt:TextType	

6.23.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.23. EffectiveMeanPressureMeasure

```
<EffectiveMeanPressureMeasure>
    <PressureMeasure>......</PressureMeasure>    [0..1]
    <SpeedMeasure>......</SpeedMeasure>    [0..1]
    <ElectricityMeasure>......</ElectricityMeasure>    [0..1]
    <MechanicalEnergyMeasure>......</MechanicalEnergyMeasure>    [0..1]
    <LocationID>......</LocationID>    [0..1]
    <LocationName>......</LocationName>    [0..*]
</EffectiveMeanPressureMeasure>
```

6.24. PowerMeasure

Uses the Component: MeasurementType

Defines the manufacturers rated output drive power of the engine.

6.24.1. Fields and Components

Table 6.24. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
PressureMeasure	Defines an amount of pressure.	0..1	Field	sqdt:PressureMeasureType	
SpeedMeasure	Defines a rate of speed.	0..1	Field	sqdt:SpeedMeasureType	
ElectricityMeasure	Defines a rate of electricity.	0..1	Field	sqdt:ElectricityMeasureType	
MechanicalEnergyMeasure	The amount of mechanical energy produced. This can be the number of horse power that is produced by an engine.	0..1	Field	sqdt:PowerMeasureType	
LocationID	Code identifying a physical location	0..1	Field	udt:IdentifierType	
LocationName	A name to identify the location.	0..*	Field	udt:TextType	

6.24.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.24. PowerMeasure

```
<PowerMeasure>
    <PressureMeasure>......</PressureMeasure>    [0..1]
    <SpeedMeasure>......</SpeedMeasure>    [0..1]
    <ElectricityMeasure>......</ElectricityMeasure>    [0..1]
    <MechanicalEnergyMeasure>......</MechanicalEnergyMeasure>    [0..1]
    <LocationID>......</LocationID>    [0..1]
    <LocationName>......</LocationName>    [0..*]
</PowerMeasure>
```

6.25. MeanPistonSpeedMeasure

Uses the Component: MeasurementType

Mean piston speed is the average speed of the piston in a reciprocating engine.

6.25.1. Fields and Components

Table 6.25. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
PressureMeasure	Defines an amount of pressure.	0..1	Field	sqdt:PressureMeasureType	
SpeedMeasure	Defines a rate of speed.	0..1	Field	sqdt:SpeedMeasureType	
ElectricityMeasure	Defines a rate of electricity.	0..1	Field	sqdt:ElectricityMeasureType	
MechanicalEnergyMeasure	The amount of mechanical energy produced. This can be the number of horse power that is produced by an engine.	0..1	Field	sqdt:PowerMeasureType	
LocationID	Code identifying a physical location	0..1	Field	udt:IdentifierType	
LocationName	A name to identify the location.	0..*	Field	udt:TextType	

6.25.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.25. MeanPistonSpeedMeasure

```
<MeanPistonSpeedMeasure>
    <PressureMeasure>......</PressureMeasure>    [0..1]
    <SpeedMeasure>......</SpeedMeasure>    [0..1]
    <ElectricityMeasure>......</ElectricityMeasure>    [0..1]
    <MechanicalEnergyMeasure>......</MechanicalEnergyMeasure>    [0..1]
    <LocationID>......</LocationID>    [0..1]
    <LocationName>......</LocationName>    [0..*]
</MeanPistonSpeedMeasure>
```

6.26. TorqueMeasure

Uses the Component: MeasurementType

Define the manufacturers rated torque output of the engine

6.26.1. Fields and Components

Table 6.26. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
PressureMeasure	Defines an amount of pressure.	0..1	Field	sqdt:PressureMeasureType	
SpeedMeasure	Defines a rate of speed.	0..1	Field	sqdt:SpeedMeasureType	
ElectricityMeasure	Defines a rate of electricity.	0..1	Field	sqdt:ElectricityMeasureType	
MechanicalEnergyMeasure	The amount of mechanical energy produced. This can be the number of horse power that is produced by an engine.	0..1	Field	sqdt:PowerMeasureType	
LocationID	Code identifying a physical location	0..1	Field	udt:IdentifierType	
LocationName	A name to identify the location.	0..*	Field	udt:TextType	

6.26.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.26. TorqueMeasure

```
<TorqueMeasure>
    <PressureMeasure>......</PressureMeasure>    [0..1]
    <SpeedMeasure>......</SpeedMeasure>    [0..1]
    <ElectricityMeasure>......</ElectricityMeasure>    [0..1]
    <MechanicalEnergyMeasure>......</MechanicalEnergyMeasure>    [0..1]
    <LocationID>......</LocationID>    [0..1]
    <LocationName>......</LocationName>    [0..*]
</TorqueMeasure>
```

6.27. GearRatioGroup

Uses the Component: GearRatioGroupType

6.27.1. Fields and Components

Table 6.27. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
GearRatio	The ratio of the engine rotation to the output drive rotation.	0..1	Field	udt:TextType	
GearRatioDescription	A description of the gear, i.e., 1st gear, 2nd gear, 3rd gear, etc.	0..*	Field	udt:TextType	

6.27.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.27. GearRatioGroup

```
<GearRatioGroup>
    <GearRatio>......</GearRatio>    [0..1]
    <GearRatioDescription>......</GearRatioDescription>    [0..*]
</GearRatioGroup>
```

6.28. EngineDimensions

Uses the Component: EngineDimensionsType

6.28.1. Fields and Components

Table 6.28. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
EngineDimensionDescription	A description of the dimensions being described for an engine, e.g., height above crankshaft.	0..*	Field	udt:TextType	
EngineHeightMeasure	Indicates the height of the engine.	0..1	Field	sqdt:LengthMeasureType	
EngineWidthMeasure	Indicates the width of the engine.	0..1	Field	sqdt:LengthMeasureType	
EngineDepthMeasure	Indicates the depth of the engine.	0..1	Field	sqdt:LengthMeasureType	

6.28.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.28. EngineDimensions

```
<EngineDimensions>
    <EngineDimensionDescription>......</EngineDimensionDescription>    [0..*]
    <EngineHeightMeasure>......</EngineHeightMeasure>    [0..1]
    <EngineWidthMeasure>......</EngineWidthMeasure>    [0..1]
    <EngineDepthMeasure>......</EngineDepthMeasure>    [0..1]
</EngineDimensions>
```

6.29. Chassis

Uses the Component: ChassisType

A general term that refers to all of the mechanical parts of a car attached to a structural frame. In cars with unitized construction, the chassis comprises everything but the body of the car.

6.29.1. Fields and Components

Table 6.29. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
ChassisMake	Make of chassis.	1..1	Field	udt:TextType	
ChassisModel	Model of chassis.	0..1	Field	udt:TextType	
ChassisSerialString	Unique identifier for the chassis.	0..1	Field	udt:IdentifierType	

6.29.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.29. Chassis

```
<Chassis>
    <ChassisMake>......</ChassisMake>    [1..1]
    <ChassisModel>......</ChassisModel>    [0..1]
    <ChassisSerialString>......</ChassisSerialString>    [0..1]
</Chassis>
```

6.30. Tank

Uses the Component: TankType

A large, often metallic container for holding or storing liquids or gases.

6.30.1. Fields and Components

Table 6.30. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
TankUsageCode	The purpose or usage of this tank.	1..1	Field	sqdt:TankUsageCodeType	

Name	Description	Occurrence	Type	Data Type	User Notes
TankMaterialCode	The type of Material the Tank is constructed from.	0..1	Field	sqdt:TankMaterialCodeType	
TankCapacityMeasure	How much the tank can hold.	0..1	Field	sqdt:VolumeMeasureType	
TankCountNumeric	The number of tanks.	0..1	Field	udt:NumericType	
UsagePreference	Precedence, advantage, or choice of one person or thing over another.	0..1	Component	PreferenceABIEType	
TankSerialString	Unique identifier for the tank.	0..1	Field	udt:IdentifierType	

6.30.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.30. Tank

```
<Tank>
    <TankUsageCode>......</TankUsageCode>   [1..1]
    <TankMaterialCode>......</TankMaterialCode>   [0..1]
    <TankCapacityMeasure>......</TankCapacityMeasure>   [0..1]
    <TankCountNumeric>......</TankCountNumeric>   [0..1]
    <UsagePreference>......</UsagePreference>   [0..1]
    <TankSerialString>......</TankSerialString>   [0..1]
</Tank>
```

6.31. UsagePreference

Uses the Component: PreferenceABIEType

Precedence, advantage, or choice of one person or thing over another.

6.31.1. Fields and Components

Table 6.31. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
PriorityRankingNumeric	The number of the priority ranking of this preference.	0..1	Field	udt:NumericType	
PreferredIndicator	The indication of whether or not this preference is the preferred option.	0..1	Field	udt:IndicatorType	
UnavailablePeriod	A period when a preference is not available.	0..1	Component	PeriodABIEType	
AvailablePeriod	A period when a preference is available.	0..*	Component	PeriodABIEType	

6.31.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.31. UsagePreference

```
<UsagePreference>
    <PriorityRankingNumeric>......</PriorityRankingNumeric>    [0..1]
    <PreferredIndicator>......</PreferredIndicator>    [0..1]
    <UnavailablePeriod>......</UnavailablePeriod>    [0..1]
    <AvailablePeriod>......</AvailablePeriod>    [0..*]
</UsagePreference>
```

6.32. UnavailablePeriod

Uses the Component: PeriodABIEType

A specific period of time such as the length of time between two known date/time points, from a start date onwards, or up to an end date of when something is unavailable.

6.32.1. Fields and Components

Table 6.32. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
DurationMeasure	The measure of the length of time for this time period such as hours, days, weeks, months, years.	0..1	Field	sqdt:TimeMeasureType	
InclusiveIndicator	The indication of whether or not the start and end dates are included in this period.	0..1	Field	udt:IndicatorType	
StartDateTime	The date, time, date time or other date time value for the start of this period of time.	0..1	Field	udt:DateTimeType	
EndDateTime	A date, time, date time or other date time value which specifies the end of this period of time.	0..1	Field	udt:DateTimeType	
CompleteDateTime	The date, time, date time or other date time value for a complete period of time expressed as a specific month, a specific week etc. type code for a particular Bulletin.	0..1	Field	udt:DateTimeType	
OpenIndicator	The indication of whether or not an entity is open during this period.	0..1	Field	udt:IndicatorType	
DayOfWeekCode	The DaysOfWeek component is used to identify availability based on days of the week.	0..1	Field	sqdt:DayOfWeekCodeType	

6.32.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.32. UnavailablePeriod

```
<UnavailablePeriod>
    <DurationMeasure>......</DurationMeasure>    [0..1]
    <InclusiveIndicator>......</InclusiveIndicator>    [0..1]
    <StartDateTime>......</StartDateTime>    [0..1]
    <EndDateTime>......</EndDateTime>    [0..1]
    <CompleteDateTime>......</CompleteDateTime>    [0..1]
    <OpenIndicator>......</OpenIndicator>    [0..1]
    <DayOfWeekCode>......</DayOfWeekCode>    [0..1]
</UnavailablePeriod>
```

6.33. AvailablePeriod

Uses the Component: PeriodABIEType

A specific period of time such as the length of time between two known date/time points, from a start date onwards, or up to an end date of when something is avaialble..

6.33.1. Fields and Components

Table 6.33. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
DurationMeasure	The measure of the length of time for this time period such as hours, days, weeks, months, years.	0..1	Field	sqdt:TimeMeasureType	
InclusiveIndicator	The indication of whether or not the start and end dates are included in this period.	0..1	Field	udt:IndicatorType	
StartDateTime	The date, time, date time or other date time value for the start of this period of time.	0..1	Field	udt:DateTimeType	
EndDateTime	A date, time, date time or other date time value which specifies the end of this period of time.	0..1	Field	udt:DateTimeType	
CompleteDateTime	The date, time, date time or other date time value for a complete period of time expressed as a specific month, a specific week etc. type code for a particular Bulletin.	0..1	Field	udt:DateTimeType	
OpenIndicator	The indication of whether or not an entity is open during this period.	0..1	Field	udt:IndicatorType	
DayOfWeekCode	The DaysOfWeek component is used to identify availability based on days of the week.	0..1	Field	sqdt:DayOfWeekCodeType	

6.33.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.33. AvailablePeriod

```
<AvailablePeriod>
   <DurationMeasure>......</DurationMeasure>    [0..1]
   <InclusiveIndicator>......</InclusiveIndicator>    [0..1]
   <StartDateTime>......</StartDateTime>    [0..1]
   <EndDateTime>......</EndDateTime>    [0..1]
   <CompleteDateTime>......</CompleteDateTime>    [0..1]
   <OpenIndicator>......</OpenIndicator>    [0..1]
   <DayOfWeekCode>......</DayOfWeekCode>    [0..1]
</AvailablePeriod>
```

6.34. VehicleDimension

Uses the Component: DimensionType

The height, length, and width of a vehicle.

6.34.1. Fields and Components

Table 6.34. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
DimensionValueMeasure	The value of the dimension that has been measured.	0..1	Field	sqdt:LengthMeasureType	
DimensionTypeCode	A code representing the type of dimension measure provided.	0..1	Field	udt:CodeType	
DimensionDescription	A free-form text description of the dimension provided.	0..1	Field	udt:TextType	
WidthMeasure	The measurement of the extent of something from side to side.	0..1	Field	sqdt:LengthMeasureType	
LengthMeasure	The longest extent of anything as measured from end to end.	0..1	Field	sqdt:LengthMeasureType	
HeightMeasure	The distance upward from a given level to a fixed point	0..1	Field	sqdt:LengthMeasureType	

Name	Description	Occurrence	Type	Data Type	User Notes
DiameterMeasure	The width of a circular or cylindrical object.	0..1	Field	sqdt:LengthMeasureType	

6.34.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.34. VehicleDimension

```
<VehicleDimension>
    <DimensionValueMeasure>......</DimensionValueMeasure>    [0..1]
    <DimensionTypeCode>......</DimensionTypeCode>    [0..1]
    <DimensionDescription>......</DimensionDescription>    [0..1]
    <WidthMeasure>......</WidthMeasure>    [0..1]
    <LengthMeasure>......</LengthMeasure>    [0..1]
    <HeightMeasure>......</HeightMeasure>    [0..1]
    <DiameterMeasure>......</DiameterMeasure>    [0..1]
</VehicleDimension>
```

6.35. CertificationGroup

Uses the Component: CertificationGroupType

6.35.1. Fields and Components

Table 6.35. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
CertificationIssuerName	Name of issuer of certification	0..1	Field	udt:NameType	
CertificationValue	certification value (i.e., gold)	0..1	Field	udt:TextType	
CertificationDate	Date when the car completed the certification testing.	0..1	Field	udt:DateType	

Name	Description	Occurrence	Type	Data Type	User Notes
CertifiedWarrantyCode	Warranty applicable for the certified vehicle.	0..1	Field	udt:TextType	
ActualOdometer	Odometer reading when the vehicle was certifiied	0..1	Field	sqdt:LengthMeasureType	
VehiclePreviousUseCode	A code indicating how the vehicle was previously used. Refer to the Vehicle UseEnumeratedType code list	0..1	Field	scl:VehicleUseContentType	
PreviousOwnerParty	Individual or company that owned the vehicle previously	0..1	Component	PartyABIEType	
ClassAndWarranty	A code indicating how the vehicle was previously used. Refer to the Vehicle UseEnumeratedType code list	0..*	Field	udt:TextType	
RepairOrderNumber	A code indicating how the vehicle was previously used. Refer to the Vehicle UseEnumeratedType code list	0..*	Field	qdt:StringType	

6.35.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.35. CertificationGroup

```
<CertificationGroup>
    <CertificationIssuerName>......</CertificationIssuerName>    [0..1]
    <CertificationValue>......</CertificationValue>    [0..1]
    <CertificationDate>......</CertificationDate>    [0..1]
    <CertifiedWarrantyCode>......</CertifiedWarrantyCode>    [0..1]
    <ActualOdometer>......</ActualOdometer>    [0..1]
    <VehiclePreviousUseCode>......</VehiclePreviousUseCode>    [0..1]
    <PreviousOwnerParty>......</PreviousOwnerParty>    [0..1]
    <ClassAndWarranty>......</ClassAndWarranty>    [0..*]
    <RepairOrderNumber>......</RepairOrderNumber>    [0..*]
</CertificationGroup>
```

6.36. PreviousOwnerParty

Uses the Component: PartyABIEType

Individual or company that owned the vehicle previously

6.36.1. Fields and Components

Table 6.36. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
PartyID	Party identification number used to uniquely identify a party for example Dealer ID, Fleet, Customer Number assigned by OEM,etc.	0..*	Field	udt:IdentifierType	
LocationID	Code identifying a physical location	0..1	Field	udt:IdentifierType	
DealerManagementSystemID	The Dealer Management System ID assigned to a party.ie, DMS assigned Customer Number	0..1	Field	udt:IdentifierType	
AuthorizationID		0..1	Field	udt:IdentifierType	
RelationshipTypeCode	Indicates the Business Party's relationship to the primary Party (e.g., mother, father, husband, etc.).	0..1	Field	udt:CodeType	
SpecialRemarksDescription	Any special remarks regarding a party.	0..*	Field	udt:TextType	
AlternatePartyDocument	An alternate collection of data for a piece of written, printed, or electronic matter that provides information or evidence of a party.	0..*	Component	DocumentABIEType	
Begin Choice					
SpecifiedOrganization	A specific organization represented in a party, or other component.	0..1	Component	OrganizationABIEType	
or					
SpecifiedPerson	Identifies a specific individual or person.	0..1	Component	PersonType	
End Choice					
Privacy	Any privacy rights the party has subscribed to or opted out of.	0..*	Component	PrivacyType	
PreferredLanguageCode	Preferred language	0..1	Field	sqdt:LanguageCodeType	
ManufacturerCustomerID	The number assigned to the customer by the manufacturer's systems.	0..1	Field	udt:IdentifierType	

Name	Description	Occurrence	Type	Data Type	User Notes
ManufacturerHouseholdID	The number assigned to the customer's household by the manufacturer's systems.	0..1	Field	udt:IdentifierType	
PartyActionEvent	An action taken for an event by or in behalf of the party. This can be used to track the creation of the party, deletion, or end date. This action is dirrectly related to the party.	0..*	Component	EventType	
DealerIndicator	Part flag indicating that part was sold to another dealer.	0..1	Field	udt:IndicatorType	

6.36.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.36. PreviousOwnerParty

```
<PreviousOwnerParty>
    <PartyID>......</PartyID>    [0..*]
    <LocationID>......</LocationID>    [0..1]
    <DealerManagementSystemID>......</DealerManagementSystemID>    [0..1]
    <AuthorizationID>......</AuthorizationID>    [0..1]
    <RelationshipTypeCode>......</RelationshipTypeCode>    [0..1]
    <SpecialRemarksDescription>......</SpecialRemarksDescription>    [0..*]
    <AlternatePartyDocument>......</AlternatePartyDocument>    [0..*]
    <!-- Begin Choice -->
    <SpecifiedOrganization>......</SpecifiedOrganization>    [0..1]
    <!-- or -->
    <SpecifiedPerson>......</SpecifiedPerson>    [0..1]
    <!-- End Choice -->
    <Privacy>......</Privacy>    [0..*]
    <PreferredLanguageCode>......</PreferredLanguageCode>    [0..1]
    <ManufacturerCustomerID>......</ManufacturerCustomerID>    [0..1]
    <ManufacturerHouseholdID>......</ManufacturerHouseholdID>    [0..1]
    <PartyActionEvent>......</PartyActionEvent>    [0..*]
    <DealerIndicator>......</DealerIndicator>    [0..1]
</PreviousOwnerParty>
```

6.37. AlternatePartyDocument

Uses the Component: DocumentABIEType

An alternate collection of data for a piece of written, printed, or electronic matter that provides information or evidence of a party.

6.37.1. Fields and Components

Table 6.37. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
DocumentID	The DocumentID is the identifier for the document. This identifier is a GUID or other unique identifier set by the creator of the document.	1..1	Field	udt:IdentifierType	
DocumentType	A code specifying the agency type issuing the document.	0..1	Field	sqdt:AssigningOrganizationPartyIdType	
IssuingName	An issuing name for this document like a state, or other agency.	0..1	Field	udt:TextType	
EffectivePeriod	The period which this document is effective	0..1	Component	PeriodABIEType	

6.37.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.37. AlternatePartyDocument

```
<AlternatePartyDocument>
    <DocumentID>......</DocumentID>    [1..1]
    <DocumentType>......</DocumentType>    [0..1]
    <IssuingName>......</IssuingName>    [0..1]
    <EffectivePeriod>......</EffectivePeriod>    [0..1]
</AlternatePartyDocument>
```

6.38. SpecifiedOrganization

Uses the Component: OrganizationABIEType

A specific organization represented in a party, or other component.

6.38.1. Fields and Components

Table 6.38. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
BusinessTypeCode	A code identifying type of Business.	0..1	Field	udt:CodeType	
CompanyName	Company name of business entity.	0..1	Field	udt:NameType	
OrganizationID	Member Identification number of affiliate organization	0..1	Field	udt:IdentifierType	
DistrictID	An identifier for the District an organization resides.	0..1	Field	udt:IdentifierType	
BranchCode	Manufacture branch code.	0..1	Field	udt:CodeType	
CompanyCode	Manufacture company code..	0..1	Field	udt:CodeType	
DivisionCode	Manufacture division code.	0..1	Field	udt:CodeType	
ServiceCenterCode	Manufacturer service center code.	0..1	Field	udt:CodeType	
HoldingCompanyName	The company that is securing or underwriting the loan.	0..1	Field	udt:NameType	
PrimaryContact	ABIE A primary person or department that acts as a point of contact with another peson or department. PrimaryContact	0..*	Component	ContactABIEType	
PostalAddress	The location at which mail is delivered.	0..*	Component	AddressABIEType	
DoingBusinessAsName	Indicates the Business Party's relationship to the primary Party (e.g., mother, father, husband, etc.).	0..1	Field	udt:TextType	
LegalClassificationCode	The code specifying the legal classification of this organization such as those representing Incorporated (Inc), limited liability corporation (LLC) or non-profit.	0..1	Field	udt:CodeType	
InceptionDateTime	The creation date and time that a business was started.	0..1	Field	udt:DateTimeType	
NumberOfEmployeesNumeric	Number of employees in the organization.	0..1	Field	udt:NumericType	
CompanyDescription	Full description of the company or organization.	0..*	Field	udt:TextType	

6.38.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.38. SpecifiedOrganization

```
<SpecifiedOrganization>
    <BusinessTypeCode>......</BusinessTypeCode>    [0..1]
    <CompanyName>......</CompanyName>    [0..1]
    <OrganizationID>......</OrganizationID>    [0..1]
    <DistrictID>......</DistrictID>    [0..1]
    <BranchCode>......</BranchCode>    [0..1]
    <CompanyCode>......</CompanyCode>    [0..1]
    <DivisionCode>......</DivisionCode>    [0..1]
    <ServiceCenterCode>......</ServiceCenterCode>    [0..1]
    <HoldingCompanyName>......</HoldingCompanyName>    [0..1]
    <PrimaryContact>......</PrimaryContact>    [0..*]
    <PostalAddress>......</PostalAddress>    [0..*]
    <DoingBusinessAsName>......</DoingBusinessAsName>    [0..1]
    <LegalClassificationCode>......</LegalClassificationCode>    [0..1]
    <InceptionDateTime>......</InceptionDateTime>    [0..1]
    <NumberOfEmployeesNumeric>......</NumberOfEmployeesNumeric>    [0..1]
    <CompanyDescription>......</CompanyDescription>    [0..*]
</SpecifiedOrganization>
```

6.39. PrimaryContact

Uses the Component: ContactABIEType

ABIE A primary person or department that acts as a point of contact with another peson or department. Primary Contact

6.39.1. Fields and Components

Table 6.39. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
ID	A unique identifier for this contact.	0..*	Field	udt:IdentifierType	

Name	Description	Occurrence	Type	Data Type	User Notes
JobTitle	The job title, position or designation, expressed as text, of this contact person within an organization such as Director, Software Engineer, Purchasing Manager.	0..1	Field	udt:TextType	
Responsibility	The responsibilities, expressed as text, of this contact.	0..1	Field	udt:TextType	
DepartmentName	The name, expressed as text, of the department to which this contact belongs within an organization such as a support department.	0..1	Field	udt:TextType	
TypeCode	A code specifying the type of contact.	1..1	Field	udt:CodeType	
Begin Choice					
PersonName	The name, expressed as text, of this contact person.	0..1	Field	udt:TextType	
or					
SpecifiedPerson	Identifies a specific individual or person.	0..1	Component	PersonType	
End Choice					
TelephoneCommunication	Telephone communication information for this contact.	0..*	Component	CommunicationABIEType	
UsagePreference	The preference for usage of this contact such as type, order of importance, availability, or some other criteria.	0..1	Component	PreferenceABIEType	
PostalAddress	Postal address information for this contact.	0..1	Component	AddressABIEType	
FaxCommunication	Fax communication information for this contact.	0..*	Component	CommunicationABIEType	
URICommunication	Uniform Resource Identifier (URI) communication information for this contact such as an email address.	0..*	Component	CommunicationABIEType	
ContactMethodTypeCode	Indicates the preferred method of contact.	0..1	Field	sqdt:ContactMethodTypeCodeType	

6.39.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.39. PrimaryContact

```
<PrimaryContact>
    <ID>......</ID>    [0..*]
    <JobTitle>......</JobTitle>    [0..1]
    <Responsibility>......</Responsibility>    [0..1]
    <DepartmentName>......</DepartmentName>    [0..1]
    <TypeCode>......</TypeCode>    [1..1]
    <!-- Begin Choice -->
    <PersonName>......</PersonName>    [0..1]
    <!-- or -->
    <SpecifiedPerson>......</SpecifiedPerson>    [0..1]
    <!-- End Choice -->
    <TelephoneCommunication>......</TelephoneCommunication>    [0..*]
    <UsagePreference>......</UsagePreference>    [0..1]
    <PostalAddress>......</PostalAddress>    [0..1]
    <FaxCommunication>......</FaxCommunication>    [0..*]
    <URICommunication>......</URICommunication>    [0..*]
    <ContactMethodTypeCode>......</ContactMethodTypeCode>    [0..1]
</PrimaryContact>
```

6.40. SpecifiedPerson

Uses the Component: PersonType

Identifies a specific individual or person.

6.40.1. Fields and Components

Table 6.40. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
ID		0..*	Field	udt:IdentifierType	
GivenName		0..*	Field	udt:NameType	
Alias	Another name that a person is also known.	0..1	Field	udt:TextType	
MiddleName	Middle Initial of business party	0..1	Field	udt:NameType	

Name	Description	Occurrence	Type	Data Type	User Notes
FamilyName		0..*	Field	udt:NameType	
Title	A general or descriptive heading given to a person, or item.	0..1	Field	udt:TextType	
Salutation	A word or phrase of greeting used to begin a letter or message.	0..1	Field	udt:TextType	
NameSuffix	A word or phrase added to the end of a name	0..1	Field	udt:TextType	
MaritalStatusCode	Identifies marital status of business party - M = Married, U = Unmarried, S = Separated, O = Other	0..1	Field	scl:MaritalStatusEnumeratedType	
GenderCode	Gender of party - M = Male, F= Female	0..1	Field	scl:GenderEnumeratedType	
BirthDate	Birth date of party	0..1	Field	udt:DateType	
AgeMeasure	The numeric value of a person or parties age.	0..1	Field	sqdt:TimeMeasureType	
MaidenName	The family name for a woman before she was married.	0..1	Field	udt:TextType	
PreferredName	A name that a person preferrs to be known.	0..1	Field	udt:TextType	
ResidenceAddress	The location at which a particular person may be found or reached.	0..1	Component	AddressABIEType	
TelephoneCommunication	Telephone Communication information like phone number	0..*	Component	CommunicationABIEType	
FaxCommunication	Fax communication includes fax number or mailto address	0..1	Component	CommunicationABIEType	
URICommunication	Email or web communication	0..*	Component	CommunicationABIEType	
NationalityCountryID	The ISO Country Codelist used to indicate a person's nationality.	0..1	Field	sqdt:CountryCodeType	
ContactMethodTypeCode	Indicates the preferred method of contact.	0..1	Field	sqdt:ContactMethodTypeCodeType	
LanguageCode	The spoken language for a person. This may occur multiple times if they speak more than one language.	0..*	Field	sqdt:LanguageCodeType	
PostalAddress	The location at which mail is delivered.	0..*	Component	AddressABIEType	
OriginalContactMethodTypeCode	Original contact method for this person.	0..1	Field	sqdt:ContactMethodTypeCodeType	
SpecifiedOccupation	Occupation for this person.	0..*	Component	OccupationABIEType	
Trait	Personal trait.	0..*	Field	TraitType	

Name	Description	Occurrence	Type	Data Type	User Notes
CustomerStatusCode	Code which indicates the customer status of the person (e.g. Deceased, Gone Away)	0..1	Field	udt:CodeType	
DateOfBirthToleranceNumeric	Number of days tolerance for recorded date of birth.	0..1	Field	udt:NumericType	

6.40.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.40. SpecifiedPerson

```
<SpecifiedPerson>
    <ID>......</ID>    [0..*]
    <GivenName>......</GivenName>    [0..*]
    <Alias>......</Alias>    [0..1]
    <MiddleName>......</MiddleName>    [0..1]
    <FamilyName>......</FamilyName>    [0..*]
    <Title>......</Title>    [0..1]
    <Salutation>......</Salutation>    [0..1]
    <NameSuffix>......</NameSuffix>    [0..1]
    <MaritalStatusCode>......</MaritalStatusCode>    [0..1]
    <GenderCode>......</GenderCode>    [0..1]
    <BirthDate>......</BirthDate>    [0..1]
    <AgeMeasure>......</AgeMeasure>    [0..1]
    <MaidenName>......</MaidenName>    [0..1]
    <PreferredName>......</PreferredName>    [0..1]
    <ResidenceAddress>......</ResidenceAddress>    [0..1]
    <TelephoneCommunication>......</TelephoneCommunication>    [0..*]
    <FaxCommunication>......</FaxCommunication>    [0..1]
    <URICommunication>......</URICommunication>    [0..*]
    <NationalityCountryID>......</NationalityCountryID>    [0..1]
    <ContactMethodTypeCode>......</ContactMethodTypeCode>    [0..1]
    <LanguageCode>......</LanguageCode>    [0..*]
    <PostalAddress>......</PostalAddress>    [0..*]
    <OriginalContactMethodTypeCode>......</OriginalContactMethodTypeCode>    [0..1]
    <SpecifiedOccupation>......</SpecifiedOccupation>    [0..*]
    <Trait>......</Trait>    [0..*]
    <CustomerStatusCode>......</CustomerStatusCode>    [0..1]
    <DateOfBirthToleranceNumeric>......</DateOfBirthToleranceNumeric>    [0..1]
</SpecifiedPerson>
```

6.41. ResidenceAddress

Uses the Component: AddressABIEType

The location at which a particular person may be found or reached.

6.41.1. Fields and Components

Table 6.41. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
AddressID	A unique identifier for this address.	0..1	Field	udt:IdentifierType	
AddressType	A code specifying the type of this address such as business address or home address.	0..1	Field	udt:CodeType	
AttentionOf	The person or business entity that the information should be sent.	0..*	Field	udt:TextType	
CareOf	Used to send mail to someone at someone else's address	0..*	Field	udt:TextType	
Begin Choice					
LineOne	A free formatted text line, typically used to by an address	0..1	Field	udt:TextType	
LineTwo	A free formatted text line, typically used to by an address	0..1	Field	udt:TextType	
LineThree	A free formatted text line, typically used to by an address	0..1	Field	udt:TextType	
LineFour	A free formatted text line, typically used to by an address	0..1	Field	udt:TextType	
LineFive	A free formatted text line, typically used to by an address	0..1	Field	udt:TextType	
or					
BuildingNumber	The number, expressed as text, of a building or house on a street at this address.	0..1	Field	udt:TextType	
BuildingName	The name, expressed as text, of a building, a house or other structure on a street at this address.	0..1	Field	udt:TextType	
StreetName	The name, expressed as text, of a street or thoroughfare.	0..1	Field	udt:TextType	

Name	Description	Occurrence	Type	Data Type	User Notes
FloorIdentification	The identification by name or number, expressed as text, of the floor in a building as part of an address.	0..1	Field	udt:TextType	
PostOfficeBox	The unique identifier, expressed as text, of a container commonly referred to as a box, in a post office or other postal service location, assigned to a person or organization, where postal items may be kept for this address.	0..1	Field	udt:TextType	
BuildingNumberSuffix	The building number suffix of the address, i.e. 2nd, Unit B, Building 2	0..1	Field	udt:TextType	
End Choice					
CitySub-DivisionName	A textual representation of the City Sub-Division Name of the Address.	0..*	Field	udt:TextType	
CityName	A textual representation of the City of the Address.	0..1	Field	udt:TextType	
CountryID	A unique country identifier of this Address.	0..1	Field	sqdt:CountryCodeType	
Postcode	A code specifying the Post Code for this Address.	0..1	Field	udt:CodeType	
StateOrProvinceCountrySub-DivisionID	StateOrProvince	0..1	Field	udt:IdentifierType	
CountyCountrySub-Division	A county or other regional jurisidication within a country, state, or province	0..1	Field	udt:TextType	
AddressUpdateDateTime	A date and time that the Address was last updated.	0..1	Field	udt:DateTimeType	
Privacy	Use to record permission to use this address.	0..*	Component	PrivacyType	
UseCode	The code specifying the use of this communication such as for business purposes or private. Such as Home or Work address	0..1	Field	udt:CodeType	
CityNameAbbreviation	Add city codes or standardized city acronym or abbreviation.	0..*	Field	udt:CodeType	

6.41.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.41. ResidenceAddress

```
<ResidenceAddress>
    <AddressID>......</AddressID>   [0..1]
    <AddressType>......</AddressType>   [0..1]
    <AttentionOf>......</AttentionOf>   [0..*]
    <CareOf>......</CareOf>   [0..*]
    <!-- Begin Choice -->
    <LineOne>......</LineOne>   [0..1]
    <LineTwo>......</LineTwo>   [0..1]
    <LineThree>......</LineThree>   [0..1]
    <LineFour>......</LineFour>   [0..1]
    <LineFive>......</LineFive>   [0..1]
    <!-- or -->
    <BuildingNumber>......</BuildingNumber>   [0..1]
    <BuildingName>......</BuildingName>   [0..1]
    <StreetName>......</StreetName>   [0..1]
    <FloorIdentification>......</FloorIdentification>   [0..1]
    <PostOfficeBox>......</PostOfficeBox>   [0..1]
    <BuildingNumberSuffix>......</BuildingNumberSuffix>   [0..1]
    <!-- End Choice -->
    <CitySub-DivisionName>......</CitySub-DivisionName>   [0..*]
    <CityName>......</CityName>   [0..1]
    <CountryID>......</CountryID>   [0..1]
    <Postcode>......</Postcode>   [0..1]
    <StateOrProvinceCountrySub-DivisionID>......</StateOrProvinceCountrySub-DivisionID>   [0..1]
    <CountyCountrySub-Division>......</CountyCountrySub-Division>   [0..1]
    <AddressUpdateDateTime>......</AddressUpdateDateTime>   [0..1]
    <Privacy>......</Privacy>   [0..*]
    <UseCode>......</UseCode>   [0..1]
    <CityNameAbbreviation>......</CityNameAbbreviation>   [0..*]
</ResidenceAddress>
```

6.42. Privacy

Uses the Component: PrivacyType

Any privacy rights the party has subscribed to or opted out of.

6.42.1. Fields and Components

Table 6.42. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
PrivacyIndicator	Indicator to note that Business Party has requested to share or to not share information with third parties	0..1	Field	udt:IndicatorType	
PrivacyTypeString	Code identifying a Party's authorized privacy rights. (i.e., Financial, Demographics, etc.)	0..1	Field	qdt:StringType	
PrivacyPeriod	The start and end dates for the period that privacy should be applied.	0..1	Component	PeriodABIEType	

6.42.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.42. Privacy

```
<Privacy>
    <PrivacyIndicator>......</PrivacyIndicator>    [0..1]
    <PrivacyTypeString>......</PrivacyTypeString>    [0..1]
    <PrivacyPeriod>......</PrivacyPeriod>    [0..1]
</Privacy>
```

6.43. PrivacyPeriod

Uses the Component: PeriodABIEType

The start and end dates for the period that privacy should be applied.

6.43.1. Fields and Components

Table 6.43. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
DurationMeasure	The measure of the length of time for this time period such as hours, days, weeks, months, years.	0..1	Field	sqdt:TimeMeasureType	
InclusiveIndicator	The indication of whether or not the start and end dates are included in this period.	0..1	Field	udt:IndicatorType	
StartDateTime	The date, time, date time or other date time value for the start of this period of time.	0..1	Field	udt:DateTimeType	
EndDateTime	A date, time, date time or other date time value which specifies the end of this period of time.	0..1	Field	udt:DateTimeType	
CompleteDateTime	The date, time, date time or other date time value for a complete period of time expressed as a specific month, a specific week etc. type code for a particular Bulletin.	0..1	Field	udt:DateTimeType	
OpenIndicator	The indication of whether or not an entity is open during this period.	0..1	Field	udt:IndicatorType	
DayOfWeekCode	The DaysOfWeek component is used to identify availability based on days of the week.	0..1	Field	sqdt:DayOfWeekCodeType	

6.43.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.43. PrivacyPeriod

```
<PrivacyPeriod>
    <DurationMeasure>......</DurationMeasure>    [0..1]
    <InclusiveIndicator>......</InclusiveIndicator>    [0..1]
    <StartDateTime>......</StartDateTime>    [0..1]
    <EndDateTime>......</EndDateTime>    [0..1]
    <CompleteDateTime>......</CompleteDateTime>    [0..1]
    <OpenIndicator>......</OpenIndicator>    [0..1]
    <DayOfWeekCode>......</DayOfWeekCode>    [0..1]
</PrivacyPeriod>
```

6.44. TelephoneCommunication

Uses the Component: CommunicationABIEType

Telephone Communication information like phone number

6.44.1. Fields and Components

Table 6.44. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
URIID	The unique identifier of the Uniform Resource Identifier (URI) for this communication such as an email address.	0..1	Field	udt:IdentifierType	
ChannelCode	The code specifying the channel or manner in which a communication can be made, such as telephone or email.	1..1	Field	udt:CodeType	
LocalNumber	The communication number, expressed as text and not including country access code or the area number code, for this communication.	0..1	Field	udt:TextType	
CompleteNumber	The text string of characters that make up the complete number for this communication.	0..1	Field	udt:TextType	
CountryNumberCode	The country access code for this communication number such as 44, 1, 353 etc.	0..1	Field	udt:CodeType	
ExtensionNumber	The extension number, expressed as text, assigned to this communication number to enable a caller to reach a specific party.	0..1	Field	udt:TextType	
AreaNumberCode	The code specifying the area number typically used in communication. This is also known in the US as the Area Code.	0..1	Field	udt:CodeType	
Access	Access information, expressed as text, for the mode of communication such as 9 or *70 for a telephone network.	0..1	Field	udt:TextType	
UseCode		0..1	Field	udt:CodeType	

Name	Description	Occurrence	Type	Data Type	User Notes
	The code specifying the use of this communication such as for business purposes or private. Such as Home, Work, Cell, Day, Evening, etc.				
ServiceProviderName	The text to identify a service provider, i.e, mobile phone provider, ISP/email provider, etc	0..1	Field	udt:TextType	
HTMLPreferredIndicator	The indication of whether or not HTML format is preferred by the recipient for email communications. Usually sent in Communication components when ChannelCode is Telephone and the URIID has a mailto: email address.	0..1	Field	udt:IndicatorType	
UsagePreference	The preference for the usage of this communication method.	0..1	Component	PreferenceABIEType	
Privacy	This is used to indicate the various privacy types for this communication. If appearing within a Party component, then this option overrides the Privacy types specified at the Party component for this communication.	0..*	Component	PrivacyType	

6.44.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.44. TelephoneCommunication

```
<TelephoneCommunication>
    <URIID>......</URIID>    [0..1]
    <ChannelCode>......</ChannelCode>    [1..1]
    <LocalNumber>......</LocalNumber>    [0..1]
    <CompleteNumber>......</CompleteNumber>    [0..1]
    <CountryNumberCode>......</CountryNumberCode>    [0..1]
    <ExtensionNumber>......</ExtensionNumber>    [0..1]
    <AreaNumberCode>......</AreaNumberCode>    [0..1]
    <Access>......</Access>    [0..1]
    <UseCode>......</UseCode>    [0..1]
    <ServiceProviderName>......</ServiceProviderName>    [0..1]
    <HTMLPreferredIndicator>......</HTMLPreferredIndicator>    [0..1]
    <UsagePreference>......</UsagePreference>    [0..1]
    <Privacy>......</Privacy>    [0..*]
</TelephoneCommunication>
```

6.45. FaxCommunication

Uses the Component: CommunicationABIEType

Fax communication includes fax number or mailto address

6.45.1. Fields and Components

Table 6.45. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
URIID	The unique identifier of the Uniform Resource Identifier (URI) for this communication such as an email address.	0..1	Field	udt:IdentifierType	
ChannelCode	The code specifying the channel or manner in which a communication can be made, such as telephone or email.	1..1	Field	udt:CodeType	
LocalNumber	The communication number, expressed as text and not including country access code or the area number code, for this communication.	0..1	Field	udt:TextType	

Name	Description	Occurrence	Type	Data Type	User Notes
CompleteNumber	The text string of characters that make up the complete number for this communication.	0..1	Field	udt:TextType	
CountryNumberCode	The country access code for this communication number such as 44, 1, 353 etc.	0..1	Field	udt:CodeType	
ExtensionNumber	The extension number, expressed as text, assigned to this communication number to enable a caller to reach a specific party.	0..1	Field	udt:TextType	
AreaNumberCode	The code specifying the area number typically used in communication. This is also known in the US as the Area Code.	0..1	Field	udt:CodeType	
Access	Access information, expressed as text, for the mode of communication such as 9 or *70 for a telephone network.	0..1	Field	udt:TextType	
UseCode	The code specifying the use of this communication such as for business purposes or private. Such as Home, Work, Cell, Day, Evening, etc.	0..1	Field	udt:CodeType	
ServiceProviderName	The text to identify a service provider, i.e, mobile phone provider, ISP/email provider, etc	0..1	Field	udt:TextType	
HTMLPreferredIndicator	The indication of whether or not HTML format is preferred by the recipient for email communications. Usually sent in Communication components when ChannelCode is Telephone and the URIID has a mailto: email address.	0..1	Field	udt:IndicatorType	
UsagePreference	The preference for the usage of this communication method.	0..1	Component	PreferenceABIEType	
Privacy	This is used to indicate the various privacy types for this communication. If appearing within a Party component, then this option overrides the Privacy types specified at the Party component for this communication.	0..*	Component	PrivacyType	

6.45.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.45. FaxCommunication

```
<FaxCommunication>
    <URIID>......</URIID>    [0..1]
    <ChannelCode>......</ChannelCode>    [1..1]
    <LocalNumber>......</LocalNumber>    [0..1]
    <CompleteNumber>......</CompleteNumber>    [0..1]
    <CountryNumberCode>......</CountryNumberCode>    [0..1]
    <ExtensionNumber>......</ExtensionNumber>    [0..1]
    <AreaNumberCode>......</AreaNumberCode>    [0..1]
    <Access>......</Access>    [0..1]
    <UseCode>......</UseCode>    [0..1]
    <ServiceProviderName>......</ServiceProviderName>    [0..1]
    <HTMLPreferredIndicator>......</HTMLPreferredIndicator>    [0..1]
    <UsagePreference>......</UsagePreference>    [0..1]
    <Privacy>......</Privacy>    [0..*]
</FaxCommunication>
```

6.46. URICommunication

Uses the Component: CommunicationABIEType

Email or web communication

6.46.1. Fields and Components

Table 6.46. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
URIID	The unique identifier of the Uniform Resource Identifier (URI) for this communication such as an email address.	0..1	Field	udt:IdentifierType	
ChannelCode	The code specifying the channel or manner in which a communication can be made, such as telephone or email.	1..1	Field	udt:CodeType	
LocalNumber	The communication number, expressed as text and not including country access code or the area number code, for this communication.	0..1	Field	udt:TextType	

Name	Description	Occurrence	Type	Data Type	User Notes
CompleteNumber	The text string of characters that make up the complete number for this communication.	0..1	Field	udt:TextType	
CountryNumberCode	The country access code for this communication number such as 44, 1, 353 etc.	0..1	Field	udt:CodeType	
ExtensionNumber	The extension number, expressed as text, assigned to this communication number to enable a caller to reach a specific party.	0..1	Field	udt:TextType	
AreaNumberCode	The code specifying the area number typically used in communication. This is also known in the US as the Area Code.	0..1	Field	udt:CodeType	
Access	Access information, expressed as text, for the mode of communication such as 9 or *70 for a telephone network.	0..1	Field	udt:TextType	
UseCode	The code specifying the use of this communication such as for business purposes or private. Such as Home, Work, Cell, Day, Evening, etc.	0..1	Field	udt:CodeType	
ServiceProviderName	The text to identify a service provider, i.e, mobile phone provider, ISP/email provider, etc	0..1	Field	udt:TextType	
HTMLPreferredIndicator	The indication of whether or not HTML format is preferred by the recipient for email communications. Usually sent in Communication components when ChannelCode is Telephone and the URIID has a mailto: email address.	0..1	Field	udt:IndicatorType	
UsagePreference	The preference for the usage of this communication method.	0..1	Component	PreferenceABIEType	
Privacy	This is used to indicate the various privacy types for this communication. If appearing within a Party component, then this option overrides the Privacy types specified at the Party component for this communication.	0..*	Component	PrivacyType	

6.46.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.46. URICommunication

```
<URICommunication>
    <URIID>......</URIID>    [0..1]
    <ChannelCode>......</ChannelCode>    [1..1]
    <LocalNumber>......</LocalNumber>    [0..1]
    <CompleteNumber>......</CompleteNumber>    [0..1]
    <CountryNumberCode>......</CountryNumberCode>    [0..1]
    <ExtensionNumber>......</ExtensionNumber>    [0..1]
    <AreaNumberCode>......</AreaNumberCode>    [0..1]
    <Access>......</Access>    [0..1]
    <UseCode>......</UseCode>    [0..1]
    <ServiceProviderName>......</ServiceProviderName>    [0..1]
    <HTMLPreferredIndicator>......</HTMLPreferredIndicator>    [0..1]
    <UsagePreference>......</UsagePreference>    [0..1]
    <Privacy>......</Privacy>    [0..*]
</URICommunication>
```

6.47. PostalAddress

Uses the Component: AddressABIEType

The location at which mail is delivered.

6.47.1. Fields and Components

Table 6.47. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
AddressID	A unique identifier for this address.	0..1	Field	udt:IdentifierType	
AddressType	A code specifying the type of this address such as business address or home address.	0..1	Field	udt:CodeType	
AttentionOf	The person or business entity that the information should be sent.	0..*	Field	udt:TextType	
CareOf	Used to send mail to someone at someone else's address	0..*	Field	udt:TextType	
Begin Choice					

Name	Description	Occurrence	Type	Data Type	User Notes
LineOne	A free formatted text line, typically used to by an address	0..1	Field	udt:TextType	
LineTwo	A free formatted text line, typically used to by an address	0..1	Field	udt:TextType	
LineThree	A free formatted text line, typically used to by an address	0..1	Field	udt:TextType	
LineFour	A free formatted text line, typically used to by an address	0..1	Field	udt:TextType	
LineFive	A free formatted text line, typically used to by an address	0..1	Field	udt:TextType	
or					
BuildingNumber	The number, expressed as text, of a building or house on a street at this address.	0..1	Field	udt:TextType	
BuildingName	The name, expressed as text, of a building, a house or other structure on a street at this address.	0..1	Field	udt:TextType	
StreetName	The name, expressed as text, of a street or thoroughfare.	0..1	Field	udt:TextType	
FloorIdentification	The identification by name or number, expressed as text, of the floor in a building as part of an address.	0..1	Field	udt:TextType	
PostOfficeBox	The unique identifier, expressed as text, of a container commonly referred to as a box, in a post office or other postal service location, assigned to a person or organization, where postal items may be kept for this address.	0..1	Field	udt:TextType	
BuildingNumberSuffix	The building number suffix of the address, i.e. 2nd, Unit B, Building 2	0..1	Field	udt:TextType	
End Choice					
CitySub-DivisionName	A textual representation of the City Sub-Division Name of the Address.	0..*	Field	udt:TextType	
CityName	A textual representation of the City of the Address.	0..1	Field	udt:TextType	
CountryID	A unique country identifier of this Address.	0..1	Field	sqdt:CountryCodeType	
Postcode	A code specifying the Post Code for this Address.	0..1	Field	udt:CodeType	
StateOrProvinceCountrySub-DivisionID	StateOrProvince	0..1	Field	udt:IdentifierType	

Name	Description	Occurrence	Type	Data Type	User Notes
CountyCountrySub-Division	A county or other regional jurisidication within a country, state, or province	0..1	Field	udt:TextType	
AddressUpdateDateTime	A date and time that the Address was last updated.	0..1	Field	udt:DateTimeType	
Privacy	Use to record permission to use this address.	0..*	Component	PrivacyType	
UseCode	The code specifying the use of this communication such as for business purposes or private. Such as Home or Work address	0..1	Field	udt:CodeType	
CityNameAbbreviation	Add city codes or standardized city acronym or abbreviation.	0..*	Field	udt:CodeType	

6.47.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.47. PostalAddress

```
<PostalAddress>
    <AddressID>......</AddressID>    [0..1]
    <AddressType>......</AddressType>    [0..1]
    <AttentionOf>......</AttentionOf>    [0..*]
    <CareOf>......</CareOf>    [0..*]
    <!-- Begin Choice -->
    <LineOne>......</LineOne>    [0..1]
    <LineTwo>......</LineTwo>    [0..1]
    <LineThree>......</LineThree>    [0..1]
    <LineFour>......</LineFour>    [0..1]
    <LineFive>......</LineFive>    [0..1]
    <!-- or -->
    <BuildingNumber>......</BuildingNumber>    [0..1]
    <BuildingName>......</BuildingName>    [0..1]
    <StreetName>......</StreetName>    [0..1]
    <FloorIdentification>......</FloorIdentification>    [0..1]
    <PostOfficeBox>......</PostOfficeBox>    [0..1]
    <BuildingNumberSuffix>......</BuildingNumberSuffix>    [0..1]
    <!-- End Choice -->
    <CitySub-DivisionName>......</CitySub-DivisionName>    [0..*]
    <CityName>......</CityName>    [0..1]
    <CountryID>......</CountryID>    [0..1]
    <Postcode>......</Postcode>    [0..1]
    <StateOrProvinceCountrySub-DivisionID>......</StateOrProvinceCountrySub-DivisionID>    [0..1]
    <CountyCountrySub-Division>......</CountyCountrySub-Division>    [0..1]
    <AddressUpdateDateTime>......</AddressUpdateDateTime>    [0..1]
    <Privacy>......</Privacy>    [0..*]
    <UseCode>......</UseCode>    [0..1]
    <CityNameAbbreviation>......</CityNameAbbreviation>    [0..*]
</PostalAddress>
```

6.48. SpecifiedOccupation

Uses the Component: OccupationABIEType

Occupation for this person.

6.48.1. Fields and Components

Table 6.48. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
TypeCode	The code specifying the type of the occupation.	0..1	Field	udt:CodeType	
Title	The occupation title.	0..*	Field	udt:TextType	
Description	The textual description of the occupation.	0..*	Field	udt:TextType	
ClassCode	The code specifying the class of the occupation, such as accountancy, banking, car delivery.	0..1	Field	udt:CodeType	
RankingCode	The code specifying the relative importance (ranking) of this occupation with respect to the person's other occupations such as main occupation, secondary occupation.	0..1	Field	udt:CodeType	
FullTimeIndicator	The indication of whether or not the occupation is full-time.	0..1	Field	udt:IndicatorType	
PeriodHeld	A period of time during which this occupation has been held.	0..1	Field	PeriodABIEType	

6.48.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.48. SpecifiedOccupation

```
<SpecifiedOccupation>
    <TypeCode>......</TypeCode>    [0..1]
    <Title>......</Title>    [0..*]
    <Description>......</Description>    [0..*]
    <ClassCode>......</ClassCode>    [0..1]
    <RankingCode>......</RankingCode>    [0..1]
    <FullTimeIndicator>......</FullTimeIndicator>    [0..1]
    <PeriodHeld>......</PeriodHeld>    [0..1]
</SpecifiedOccupation>
```

6.49. PartyActionEvent

Uses the Component: EventType

An action taken for an event by or in behalf of the party. This can be used to track the creation of the party, deletion, or end date. This action is dirrectly related to the party.

6.49.1. Fields and Components

Table 6.49. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
EventID	A unique identifier for an event.	0..1	Field	udt:IdentifierType	
EventTypeCode	Enumerated list of unusual event types.	0..1	Field	sqdt:EventTypeCodeType	
EventDescription	A textual description of the event.	0..1	Field	udt:TextType	
EventOccurrenceDateTime	A date, time, date time, or other date time value of an occurrence of this event. This could be used to track such dates and times of creation, deletion, etc.	0..1	Field	udt:DateTimeType	

6.49.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.49. PartyActionEvent

```
<PartyActionEvent>
    <EventID>......</EventID>    [0..1]
    <EventTypeCode>......</EventTypeCode>    [0..1]
    <EventDescription>......</EventDescription>    [0..1]
    <EventOccurrenceDateTime>......</EventOccurrenceDateTime>    [0..1]
</PartyActionEvent>
```

6.50. VehicleIdentificationGroup

Uses the Component: VehicleIdentificationGroupType

The grouping of Vehicle Identifications. Use this component(group) instead of the simple VehicleID element, if more than one VehicleID must be recorded for a given vehicle (e.g. construction equipment).

6.50.1. Fields and Components

Table 6.50. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
VehicleGroupID	The unique id for a grouping of vehicles.	0..*	Field	udt:IdentifierType	
VehicleID	The vehicle identification. This could be the VIN, HIN, or some unique identifier for a vehicle.	0..*	Field	udt:IdentifierType	

6.50.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.50. VehicleIdentificationGroup

```
<VehicleIdentificationGroup>
    <VehicleGroupID>......</VehicleGroupID>    [0..*]
    <VehicleID>......</VehicleID>    [0..*]
</VehicleIdentificationGroup>
```

6.51. VehicleHistoryDateGroup

Uses the Component: VehicleHistoryDateGroupType

Component to communicate important dates and events for a vehicle.

6.51.1. Fields and Components

Table 6.51. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
VehicleHistoryDate	Date when an important event took place for the vehicle.	1..1	Field	udt:DateType	

Name	Description	Occurrence	Type	Data Type	User Notes
VehicleHistoryTypeCode	Type code of the event that took place on the Vehicle History Date.	0..1	Field	udt:CodeType	
VehicleHistoryTypeDescription	Description of the event that took place on VehicleHistoryDate.	0..1	Field	udt:TextType	

6.51.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.51. VehicleHistoryDateGroup

```
<VehicleHistoryDateGroup>
   <VehicleHistoryDate>......</VehicleHistoryDate>   [1..1]
   <VehicleHistoryTypeCode>......</VehicleHistoryTypeCode>   [0..1]
   <VehicleHistoryTypeDescription>......</VehicleHistoryTypeDescription>   [0..1]
</VehicleHistoryDateGroup>
```

6.52. Option

Uses the Component: OptionABIEType

The Option represents information about a vehicle's options.

6.52.1. Fields and Components

Table 6.52. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
OptionID		0..1	Field	udt:IdentifierType	

Name	Description	Occurrence	Type	Data Type	User Notes
	A unique identifier for a vehicle, boat, or other item's option.				
OptionTypeCode	The type supplied by an external code list that specifies a particular option. Source of the code list should be specified in the appropriate attributes for this field, and the option type specified in this field. This may be different than the OptionID which is a unique identifer for an option.	0..1	Field	udt:CodeType	
OptionShortDescription	Abbreviated description of the option	0..*	Field	udt:TextType	
OptionName	Name of vehicle option	0..1	Field	udt:TextType	
OptionStockNumberString	Stock Number of Vehicle Option	0..1	Field	qdt:StringType	
ManufacturerName	Item manufacturer name.	0..1	Field	udt:NameType	
OptionNotes	Free form text related to option	0..*	Field	udt:TextType	
OptionPricing	Option pricing.	0..*	Component	PricingABIEType	
OptionActiveIndicator	Indicates if the option has been activated.	0..1	Field	udt:IndicatorType	
DefinedContact	A defined person or department that acts as a point of contact with another peson or department.	0..1	Component	ContactABIEType	
OptionResidualValueAmount	Residual value of option.	0..1	Field	udt:AmountType	
CapitalizedOptionIndicator	Indicates whether or not this is a capitalized option. Values: true or false.	0..1	Field	udt:IndicatorType	

6.52.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.52. Option

```
<Option>
    <OptionID>......</OptionID>    [0..1]
    <OptionTypeCode>......</OptionTypeCode>    [0..1]
    <OptionShortDescription>......</OptionShortDescription>    [0..*]
    <OptionName>......</OptionName>    [0..1]
    <OptionStockNumberString>......</OptionStockNumberString>    [0..1]
    <ManufacturerName>......</ManufacturerName>    [0..1]
    <OptionNotes>......</OptionNotes>    [0..*]
    <OptionPricing>......</OptionPricing>    [0..*]
    <OptionActiveIndicator>......</OptionActiveIndicator>    [0..1]
    <DefinedContact>......</DefinedContact>    [0..1]
    <OptionResidualValueAmount>......</OptionResidualValueAmount>    [0..1]
    <CapitalizedOptionIndicator>......</CapitalizedOptionIndicator>    [0..1]
</Option>
```

6.53. OptionPricing

Uses the Component: PricingABIEType

Option pricing.

6.53.1. Fields and Components

Table 6.53. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
PriceSourceCode	Indicates the source (e.g., Quote, MSRP, Invoice, Blue-Book) of the price type of this price.	0..*	Field	udt:CodeType	
PricingDeltaPercent	Used to express delta between to multiple price types .	0..1	Field	udt:PercentType	
PriceHideIndicator	This field indicates whether or not this price should be displayed.	0..1	Field	udt:IndicatorType	
Price		1..*	Component	PriceABIEType	

Name	Description	Occurrence	Type	Data Type	User Notes
	A sum of money for which something is or may be bought or sold.				
PriceEffectiveDate	It represents the date a price became effective. The Date a vehicle was priced, Date a bid was accepted, etc.	0..1	Field	udt:DateType	

6.53.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.53. OptionPricing

```
<OptionPricing>
    <PriceSourceCode>......</PriceSourceCode>    [0..*]
    <PricingDeltaPercent>......</PricingDeltaPercent>    [0..1]
    <PriceHideIndicator>......</PriceHideIndicator>    [0..1]
    <Price>......</Price>    [1..*]
    <PriceEffectiveDate>......</PriceEffectiveDate>    [0..1]
</OptionPricing>
```

6.54. DefinedContact

Uses the Component: ContactABIEType

A defined person or department that acts as a point of contact with another peson or department.

6.54.1. Fields and Components

Table 6.54. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
ID	A unique identifier for this contact.	0..*	Field	udt:IdentifierType	

Name	Description	Occurrence	Type	Data Type	User Notes
JobTitle	The job title, position or designation, expressed as text, of this contact person within an organization such as Director, Software Engineer, Purchasing Manager.	0..1	Field	udt:TextType	
Responsibility	The responsibilities, expressed as text, of this contact.	0..1	Field	udt:TextType	
DepartmentName	The name, expressed as text, of the department to which this contact belongs within an organization such as a support department.	0..1	Field	udt:TextType	
TypeCode	A code specifying the type of contact.	1..1	Field	udt:CodeType	
Begin Choice					
PersonName	The name, expressed as text, of this contact person.	0..1	Field	udt:TextType	
or					
SpecifiedPerson	Identifies a specific individual or person.	0..1	Component	PersonType	
End Choice					
TelephoneCommunication	Telephone communication information for this contact.	0..*	Component	CommunicationABIEType	
UsagePreference	The preference for usage of this contact such as type, order of importance, availability, or some other criteria.	0..1	Component	PreferenceABIEType	
PostalAddress	Postal address information for this contact.	0..1	Component	AddressABIEType	
FaxCommunication	Fax communication information for this contact.	0..*	Component	CommunicationABIEType	
URICommunication	Uniform Resource Identifier (URI) communication information for this contact such as an email address.	0..*	Component	CommunicationABIEType	
ContactMethodTypeCode	Indicates the preferred method of contact.	0..1	Field	sqdt:ContactMethodTypeCodeType	

6.54.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.54. DefinedContact

```
<DefinedContact>
    <ID>......</ID>    [0..*]
    <JobTitle>......</JobTitle>    [0..1]
    <Responsibility>......</Responsibility>    [0..1]
    <DepartmentName>......</DepartmentName>    [0..1]
    <TypeCode>......</TypeCode>    [1..1]
    <!-- Begin Choice -->
    <PersonName>......</PersonName>    [0..1]
    <!-- or -->
    <SpecifiedPerson>......</SpecifiedPerson>    [0..1]
    <!-- End Choice -->
    <TelephoneCommunication>......</TelephoneCommunication>    [0..*]
    <UsagePreference>......</UsagePreference>    [0..1]
    <PostalAddress>......</PostalAddress>    [0..1]
    <FaxCommunication>......</FaxCommunication>    [0..*]
    <URICommunication>......</URICommunication>    [0..*]
    <ContactMethodTypeCode>......</ContactMethodTypeCode>    [0..1]
</DefinedContact>
```

6.55. VehicleMajorPartsProductItem

Uses the Component: VehicleMajorPartsProductItemType

The vehicle's major assemblies.

6.55.1. Fields and Components

Table 6.55. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
Pricing	Provides pricing infomation.	0..1	Component	PricingABIEType	
VehicleMajorPartsProductItemConfiguration	Specific configuration available for a limited time period.	0..*	Component	VehicleMajorPartsProductItemConfigurationType	

6.55.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.55. VehicleMajorPartsProductItem

```
<VehicleMajorPartsProductItem>
    <Pricing>......</Pricing>    [0..1]
        <VehicleMajorPartsProductItemConfiguration>......</VehicleMajorPartsProductItemConfiguration>    [0..*]
</VehicleMajorPartsProductItem>
```

6.56. VehicleMajorPartsProductItemConfiguration

Uses the Component: VehicleMajorPartsProductItemConfigurationType

Specific configuration available for a limited time period.

6.56.1. Fields and Components

Table 6.56. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
Code	Configuration code.	0..1	Field	udt:CodeType	
Description	Configuration code description.	0..1	Field	udt:TextType	
EffectivePeriod	Time period this configuration is available.	0..1	Field	PeriodABIEType	

6.56.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.56. VehicleMajorPartsProductItemConfiguration

```
<VehicleMajorPartsProductItemConfiguration>
    <Code>......</Code>    [0..1]
    <Description>......</Description>    [0..1]
    <EffectivePeriod>......</EffectivePeriod>    [0..1]
</VehicleMajorPartsProductItemConfiguration>
```

6.57. TelematicsSubscription

Uses the Component: TelematicsSubscriptionType

To communicate telematatics status and subscription information.

6.57.1. Fields and Components

Table 6.57. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
StatusList	List of status of subscription	0..*	Component	StatusListType	
SubscriptionList	To commnicate the list of subscriptions.	0..*	Component	SubscriptionListType	

6.57.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.57. TelematicsSubscription

```
<TelematicsSubscription>
    <StatusList>......</StatusList>    [0..*]
    <SubscriptionList>......</SubscriptionList>    [0..*]
</TelematicsSubscription>
```

6.58. StatusList

Uses the Component: StatusListType

List of status of subscription

6.58.1. Fields and Components

Table 6.58. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
StatusType	Status type. Possible values are WiFi, 4G Cellular, Phone App for remote start.	0..1	Field	udt:TextType	
StatusDescription	Status Description.	0..1	Field	udt:TextType	

6.58.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.58. StatusList

```
<StatusList>
    <StatusType>......</StatusType>    [0..1]
    <StatusDescription>......</StatusDescription>    [0..1]
</StatusList>
```

6.59. SubscriptionList

Uses the Component: SubscriptionListType

To commnicate the list of subscriptions.

6.59.1. Fields and Components

Table 6.59. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
SubscriptionStartDate	Subscription start date.	0..1	Field	udt:DateType	
SubscriptionEndDate	Subscription end date.	0..1	Field	udt:DateType	
SubscriptionTerms	Subscription term and conditions i.e., 12 months.	0..1	Field	udt:TextType	
ProductPackageType	Product Type. Possible values are (brand) Traffic, (brand) Concierge.	0..1	Field	udt:TextType	
ProductPackageDescription	Product description.	0..1	Field	udt:TextType	
SubscriptionServiceStatus	Status of the subscription. e.g, Active, Inactive, Expired.	0..1	Field	udt:TextType	

6.59.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.59. SubscriptionList

```
<SubscriptionList>
    <SubscriptionStartDate>......</SubscriptionStartDate>    [0..1]
    <SubscriptionEndDate>......</SubscriptionEndDate>    [0..1]
    <SubscriptionTerms>......</SubscriptionTerms>    [0..1]
    <ProductPackageType>......</ProductPackageType>    [0..1]
    <ProductPackageDescription>......</ProductPackageDescription>    [0..1]
    <SubscriptionServiceStatus>......</SubscriptionServiceStatus>    [0..1]
</SubscriptionList>
```

6.60. CreditCard

Uses the Component: CreditCardType

The credit card information for the individual purchasing the item.

6.60.1. Fields and Components

Table 6.60. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
CreditCardTypeCode	Account type (e.g. Visa, Mastercard, American Express, etc.)	0..1	Field	scl:CreditCardTypeEnumeratedType	
AccountID	Identifies an account number or similar identifier.	0..1	Field	udt:IdentifierType	
NameOnAccount	Indicates the name on the account, in the case of a credit card the name as it appears on the credit card.	0..1	Field	udt:NameType	
CreditCardExpirationDateYearMonthDate	Indicates the expiration month and year of the credit card.	0..1	Field	qdt:YearMonthDateType	
CompanyNameOnAccount	Company name on credit card.	0..1	Field	udt:NameType	
CardID	Card Id field can be optionally provided to use additional security features of credit card authorization. It is typically a 3-digit number located on the back of most credit cards.	0..1	Field	udt:IdentifierType	
BillingAddress	Credit card billing address.	0..1	Component	AddressABIEType	
Authorization	The Authorization Component represents the authorization information if the method of payment was authorized (credit card or EFT).	0..1	Component	AuthorizationType	
LastFour	Last 4 digits of the card number.	0..1	Field	udt:TextType	
FingerPrint	Finger print.	0..1	Field	udt:TextType	
Funding	Credit or Debit.	0..1	Field	udt:TextType	

6.60.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.60. CreditCard

```
<CreditCard>
   <CreditCardTypeCode>......</CreditCardTypeCode>   [0..1]
   <AccountID>......</AccountID>   [0..1]
   <NameOnAccount>......</NameOnAccount>   [0..1]
   <CreditCardExpirationDateYearMonthDate>......</CreditCardExpirationDateYearMonthDate>   [0..1]
   <CompanyNameOnAccount>......</CompanyNameOnAccount>   [0..1]
   <CardID>......</CardID>   [0..1]
   <BillingAddress>......</BillingAddress>   [0..1]
   <Authorization>......</Authorization>   [0..1]
   <LastFour>......</LastFour>   [0..1]
   <FingerPrint>......</FingerPrint>   [0..1]
   <Funding>......</Funding>   [0..1]
</CreditCard>
```

6.61. BillingAddress

Uses the Component: AddressABIEType

The location at which billing mail is sent.

6.61.1. Fields and Components

Table 6.61. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
AddressID	A unique identifier for this address.	0..1	Field	udt:IdentifierType	
AddressType	A code specifying the type of this address such as business address or home address.	0..1	Field	udt:CodeType	
AttentionOf	The person or business entity that the information should be sent.	0..*	Field	udt:TextType	
CareOf	Used to send mail to someone at someone else's address	0..*	Field	udt:TextType	
Begin Choice					
LineOne	A free formatted text line, typically used to by an address	0..1	Field	udt:TextType	

Name	Description	Occurrence	Type	Data Type	User Notes
LineTwo	A free formatted text line, typically used to by an address	0..1	Field	udt:TextType	
LineThree	A free formatted text line, typically used to by an address	0..1	Field	udt:TextType	
LineFour	A free formatted text line, typically used to by an address	0..1	Field	udt:TextType	
LineFive	A free formatted text line, typically used to by an address	0..1	Field	udt:TextType	
or					
BuildingNumber	The number, expressed as text, of a building or house on a street at this address.	0..1	Field	udt:TextType	
BuildingName	The name, expressed as text, of a building, a house or other structure on a street at this address.	0..1	Field	udt:TextType	
StreetName	The name, expressed as text, of a street or thoroughfare.	0..1	Field	udt:TextType	
FloorIdentification	The identification by name or number, expressed as text, of the floor in a building as part of an address.	0..1	Field	udt:TextType	
PostOfficeBox	The unique identifier, expressed as text, of a container commonly referred to as a box, in a post office or other postal service location, assigned to a person or organization, where postal items may be kept for this address.	0..1	Field	udt:TextType	
BuildingNumberSuffix	The building number suffix of the address, i.e. 2nd, Unit B, Building 2	0..1	Field	udt:TextType	
End Choice					
CitySub-DivisionName	A textual representation of the City Sub-Division Name of the Address.	0..*	Field	udt:TextType	
CityName	A textual representation of the City of the Address.	0..1	Field	udt:TextType	
CountryID	A unique country identifier of this Address.	0..1	Field	sqdt:CountryCodeType	
Postcode	A code specifying the Post Code for this Address.	0..1	Field	udt:CodeType	
StateOrProvinceCountrySub-DivisionID	StateOrProvince	0..1	Field	udt:IdentifierType	
CountyCountrySub-Division	A county or other regional jurisidication within a country, state, or province	0..1	Field	udt:TextType	

Name	Description	Occurrence	Type	Data Type	User Notes
AddressUpdateDateTime	A date and time that the Address was last updated.	0..1	Field	udt:DateTimeType	
Privacy	Use to record permission to use this address.	0..*	Component	PrivacyType	
UseCode	The code specifying the use of this communication such as for business purposes or private. Such as Home or Work address	0..1	Field	udt:CodeType	
CityNameAbbreviation	Add city codes or standardized city acronym or abbreviation.	0..*	Field	udt:CodeType	

6.61.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.61. BillingAddress

```
<BillingAddress>
    <AddressID>......</AddressID>    [0..1]
    <AddressType>......</AddressType>    [0..1]
    <AttentionOf>......</AttentionOf>    [0..*]
    <CareOf>......</CareOf>    [0..*]
    <!-- Begin Choice -->
    <LineOne>......</LineOne>    [0..1]
    <LineTwo>......</LineTwo>    [0..1]
    <LineThree>......</LineThree>    [0..1]
    <LineFour>......</LineFour>    [0..1]
    <LineFive>......</LineFive>    [0..1]
    <!-- or -->
    <BuildingNumber>......</BuildingNumber>    [0..1]
    <BuildingName>......</BuildingName>    [0..1]
    <StreetName>......</StreetName>    [0..1]
    <FloorIdentification>......</FloorIdentification>    [0..1]
    <PostOfficeBox>......</PostOfficeBox>    [0..1]
    <BuildingNumberSuffix>......</BuildingNumberSuffix>    [0..1]
    <!-- End Choice -->
    <CitySub-DivisionName>......</CitySub-DivisionName>    [0..*]
    <CityName>......</CityName>    [0..1]
    <CountryID>......</CountryID>    [0..1]
    <Postcode>......</Postcode>    [0..1]
    <StateOrProvinceCountrySub-DivisionID>......</StateOrProvinceCountrySub-DivisionID>    [0..1]
    <CountyCountrySub-Division>......</CountyCountrySub-Division>    [0..1]
    <AddressUpdateDateTime>......</AddressUpdateDateTime>    [0..1]
    <Privacy>......</Privacy>    [0..*]
    <UseCode>......</UseCode>    [0..1]
    <CityNameAbbreviation>......</CityNameAbbreviation>    [0..*]
</BillingAddress>
```

6.62. Authorization

Uses the Component: AuthorizationType

The Authorization component contains information related to the authorization of payment.

6.62.1. Fields and Components

Table 6.62. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
AuthorizationDateTime	The date and time the payment authoirzation was completed.	0..1	Field	udt:DateTimeType	
AuthorizedAmount	The amount of authorized payment	0..1	Field	udt:AmountType	
AuthorizationNumberString	The authorization number returned by the credit card processing company.	0..1	Field	qdt:StringType	
CreditCardTransactionNumberString	Number of transaction related to credit card processing company.	0..1	Field	qdt:StringType	
AddressVerificationCode	Code resulting from verification of address for credit card number.	0..1	Field	udt:CodeType	
AuthorizationCode	Assigned authorization code	0..1	Field	udt:CodeType	
AuthorizationReason	Reason for authorization.	0..*	Field	udt:TextType	

6.62.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.62. Authorization

```
<Authorization>
    <AuthorizationDateTime>......</AuthorizationDateTime>    [0..1]
    <AuthorizedAmount>......</AuthorizedAmount>    [0..1]
    <AuthorizationNumberString>......</AuthorizationNumberString>    [0..1]
    <CreditCardTransactionNumberString>......</CreditCardTransactionNumberString>    [0..1]
    <AddressVerificationCode>......</AddressVerificationCode>    [0..1]
    <AuthorizationCode>......</AuthorizationCode>    [0..1]
    <AuthorizationReason>......</AuthorizationReason>    [0..*]
</Authorization>
```

6.63. MasterCustomerParty

Uses the Component: MasterCustomerPartyType

The MasterCustomerParty component represents information about the customer purchasing an item including the BillTo and ShipTo.

6.63.1. Fields and Components

Table 6.63. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
CustomerParty	Is the organization that is the end customer of the goods or services being provided in the associated transaction.	0..1	Component	PartyABIEType	
BillToParty	The party that is receiving the bill for the goods or services.	0..1	Component	PartyABIEType	
ShipToParty	The party receiving the goods or services.	0..1	Component	PartyABIEType	
DocumentReference	The DocumentReference component represents information referenced documents, e.g., Orders, Leads, Invoices, etc.	0..*	Component	DocumentReferenceABIEType	

6.63.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.63. MasterCustomerParty

```
<MasterCustomerParty>
    <CustomerParty>......</CustomerParty>    [0..1]
    <BillToParty>......</BillToParty>    [0..1]
    <ShipToParty>......</ShipToParty>    [0..1]
    <DocumentReference>......</DocumentReference>    [0..*]
</MasterCustomerParty>
```

6.64. CustomerParty

Uses the Component: PartyABIEType

Is the organization that is the end customer of the goods or services being provided in the associated transaction.

6.64.1. Fields and Components

Table 6.64. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
PartyID	Party identification number used to uniquely identify a party for example Dealer ID, Fleet, Customer Number assigned by OEM,etc.	0..*	Field	udt:IdentifierType	
LocationID	Code identifying a physical location	0..1	Field	udt:IdentifierType	
DealerManagementSystemID	The Dealer Management System ID assigned to a party.ie, DMS assigned Customer Number	0..1	Field	udt:IdentifierType	
AuthorizationID		0..1	Field	udt:IdentifierType	
RelationshipTypeCode	Indicates the Business Party's relationship to the primary Party (e.g., mother, father, husband, etc.).	0..1	Field	udt:CodeType	
SpecialRemarksDescription	Any special remarks regarding a party.	0..*	Field	udt:TextType	
AlternatePartyDocument	An alternate collection of data for a piece of written, printed, or electronic matter that provides information or evidence of a party.	0..*	Component	DocumentABIEType	
Begin Choice					
SpecifiedOrganization	A specific organization represented in a party, or other component.	0..1	Component	OrganizationABIEType	
or					
SpecifiedPerson	Identifies a specific individual or person.	0..1	Component	PersonType	
End Choice					
Privacy	Any privacy rights the party has subscribed to or opted out of.	0..*	Component	PrivacyType	
PreferredLanguageCode	Preferred language	0..1	Field	sqdt:LanguageCodeType	
ManufacturerCustomerID	The number assigned to the customer by the manufacturer's systems.	0..1	Field	udt:IdentifierType	

Name	Description	Occurrence	Type	Data Type	User Notes
ManufacturerHouseholdID	The number assigned to the customer's household by the manufacturer's systems.	0..1	Field	udt:IdentifierType	
PartyActionEvent	An action taken for an event by or in behalf of the party. This can be used to track the creation of the party, deletion, or end date. This action is dirrectly related to the party.	0..*	Component	EventType	
DealerIndicator	Part flag indicating that part was sold to another dealer.	0..1	Field	udt:IndicatorType	

6.64.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.64. CustomerParty

```
<CustomerParty>
    <PartyID>......</PartyID>   [0..*]
    <LocationID>......</LocationID>   [0..1]
    <DealerManagementSystemID>......</DealerManagementSystemID>   [0..1]
    <AuthorizationID>......</AuthorizationID>   [0..1]
    <RelationshipTypeCode>......</RelationshipTypeCode>   [0..1]
    <SpecialRemarksDescription>......</SpecialRemarksDescription>   [0..*]
    <AlternatePartyDocument>......</AlternatePartyDocument>   [0..*]
    <!-- Begin Choice -->
    <SpecifiedOrganization>......</SpecifiedOrganization>   [0..1]
    <!-- or -->
    <SpecifiedPerson>......</SpecifiedPerson>   [0..1]
    <!-- End Choice -->
    <Privacy>......</Privacy>   [0..*]
    <PreferredLanguageCode>......</PreferredLanguageCode>   [0..1]
    <ManufacturerCustomerID>......</ManufacturerCustomerID>   [0..1]
    <ManufacturerHouseholdID>......</ManufacturerHouseholdID>   [0..1]
    <PartyActionEvent>......</PartyActionEvent>   [0..*]
    <DealerIndicator>......</DealerIndicator>   [0..1]
</CustomerParty>
```

6.65. BillToParty

Uses the Component: PartyABIEType

The party that is receiving the bill for the goods or services.

6.65.1. Fields and Components

Table 6.65. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
PartyID	Party identification number used to uniquely identify a party for example Dealer ID, Fleet, Customer Number assigned by OEM,etc.	0..*	Field	udt:IdentifierType	
LocationID	Code identifying a physical location	0..1	Field	udt:IdentifierType	
DealerManagementSystemID	The Dealer Management System ID assigned to a party.ie, DMS assigned Customer Number	0..1	Field	udt:IdentifierType	
AuthorizationID		0..1	Field	udt:IdentifierType	
RelationshipTypeCode	Indicates the Business Party's relationship to the primary Party (e.g., mother, father, husband, etc.).	0..1	Field	udt:CodeType	
SpecialRemarksDescription	Any special remarks regarding a party.	0..*	Field	udt:TextType	
AlternatePartyDocument	An alternate collection of data for a piece of written, printed, or electronic matter that provides information or evidence of a party.	0..*	Component	DocumentABIEType	
Begin Choice					
SpecifiedOrganization	A specific organization represented in a party, or other component.	0..1	Component	OrganizationABIEType	
or					
SpecifiedPerson	Identifies a specific individual or person.	0..1	Component	PersonType	
End Choice					
Privacy	Any privacy rights the party has subscribed to or opted out of.	0..*	Component	PrivacyType	
PreferredLanguageCode	Preferred language	0..1	Field	sqdt:LanguageCodeType	

Name	Description	Occurrence	Type	Data Type	User Notes
ManufacturerCustomerID	The number assigned to the customer by the manufacturer's systems.	0..1	Field	udt:IdentifierType	
ManufacturerHouseholdID	The number assigned to the customer's household by the manufacturer's systems.	0..1	Field	udt:IdentifierType	
PartyActionEvent	An action taken for an event by or in behalf of the party. This can be used to track the creation of the party, deletion, or end date. This action is directly related to the party.	0..*	Component	EventType	
DealerIndicator	Part flag indicating that part was sold to another dealer.	0..1	Field	udt:IndicatorType	

6.65.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.65. BillToParty

```
<BillToParty>
    <PartyID>......</PartyID>    [0..*]
    <LocationID>......</LocationID>    [0..1]
    <DealerManagementSystemID>......</DealerManagementSystemID>    [0..1]
    <AuthorizationID>......</AuthorizationID>    [0..1]
    <RelationshipTypeCode>......</RelationshipTypeCode>    [0..1]
    <SpecialRemarksDescription>......</SpecialRemarksDescription>    [0..*]
    <AlternatePartyDocument>......</AlternatePartyDocument>    [0..*]
    <!-- Begin Choice -->
    <SpecifiedOrganization>......</SpecifiedOrganization>    [0..1]
    <!-- or -->
    <SpecifiedPerson>......</SpecifiedPerson>    [0..1]
    <!-- End Choice -->
    <Privacy>......</Privacy>    [0..*]
    <PreferredLanguageCode>......</PreferredLanguageCode>    [0..1]
    <ManufacturerCustomerID>......</ManufacturerCustomerID>    [0..1]
    <ManufacturerHouseholdID>......</ManufacturerHouseholdID>    [0..1]
    <PartyActionEvent>......</PartyActionEvent>    [0..*]
    <DealerIndicator>......</DealerIndicator>    [0..1]
</BillToParty>
```

6.66. ShipToParty

Uses the Component: PartyABIEType

The party receiving the goods or services.

6.66.1. Fields and Components

Table 6.66. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
PartyID	Party identification number used to uniquely identify a party for example Dealer ID, Fleet, Customer Number assigned by OEM,etc.	0..*	Field	udt:IdentifierType	
LocationID	Code identifying a physical location	0..1	Field	udt:IdentifierType	
DealerManagementSystemID	The Dealer Management System ID assigned to a party.ie, DMS assigned Customer Number	0..1	Field	udt:IdentifierType	
AuthorizationID		0..1	Field	udt:IdentifierType	
RelationshipTypeCode	Indicates the Business Party's relationship to the primary Party (e.g., mother, father, husband, etc.).	0..1	Field	udt:CodeType	
SpecialRemarksDescription	Any special remarks regarding a party.	0..*	Field	udt:TextType	
AlternatePartyDocument	An alternate collection of data for a piece of written, printed, or electronic matter that provides information or evidence of a party.	0..*	Component	DocumentABIEType	
Begin Choice					
SpecifiedOrganization	A specific organization represented in a party, or other component.	0..1	Component	OrganizationABIEType	
or					
SpecifiedPerson	Identifies a specific individual or person.	0..1	Component	PersonType	

Name	Description	Occurrence	Type	Data Type	User Notes
		End Choice			
Privacy	Any privacy rights the party has subscribed to or opted out of.	0..*	Component	PrivacyType	
PreferredLanguageCode	Preferred language	0..1	Field	sqdt:LanguageCodeType	
ManufacturerCustomerID	The number assigned to the customer by the manufacturer's systems.	0..1	Field	udt:IdentifierType	
ManufacturerHouseholdID	The number assigned to the customer's household by the manufacturer's systems.	0..1	Field	udt:IdentifierType	
PartyActionEvent	An action taken for an event by or in behalf of the party. This can be used to track the creation of the party, deletion, or end date. This action is dirrectly related to the party.	0..*	Component	EventType	
DealerIndicator	Part flag indicating that part was sold to another dealer.	0..1	Field	udt:IndicatorType	

6.66.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.66. ShipToParty

```
<ShipToParty>
    <PartyID>......</PartyID>    [0..*]
    <LocationID>......</LocationID>    [0..1]
    <DealerManagementSystemID>......</DealerManagementSystemID>    [0..1]
    <AuthorizationID>......</AuthorizationID>    [0..1]
    <RelationshipTypeCode>......</RelationshipTypeCode>    [0..1]
    <SpecialRemarksDescription>......</SpecialRemarksDescription>    [0..*]
    <AlternatePartyDocument>......</AlternatePartyDocument>    [0..*]
    <!-- Begin Choice -->
    <SpecifiedOrganization>......</SpecifiedOrganization>    [0..1]
    <!-- or -->
    <SpecifiedPerson>......</SpecifiedPerson>    [0..1]
    <!-- End Choice -->
    <Privacy>......</Privacy>    [0..*]
    <PreferredLanguageCode>......</PreferredLanguageCode>    [0..1]
    <ManufacturerCustomerID>......</ManufacturerCustomerID>    [0..1]
    <ManufacturerHouseholdID>......</ManufacturerHouseholdID>    [0..1]
    <PartyActionEvent>......</PartyActionEvent>    [0..*]
    <DealerIndicator>......</DealerIndicator>    [0..1]
</ShipToParty>
```

6.67. DocumentReference

Uses the Component: DocumentReferenceABIEType

The DocumentReference component represents information referenced documents, e.g., Orders, Leads, Invoices, etc.

6.67.1. Fields and Components

Table 6.67. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
DocumentIdentificationGroup	A group of identifications that uniquely identifies this document	0..1	Component	DocumentIdentificationGroupType	
DocumentDateTime	The date and time that the event being documented, for example the Parts Order, occurred.	0..1	Field	udt:DateTimeType	

6.67.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.67. DocumentReference

```
<DocumentReference>
    <DocumentIdentificationGroup>......</DocumentIdentificationGroup>    [0..1]
    <DocumentDateTime>......</DocumentDateTime>    [0..1]
</DocumentReference>
```

6.68. PaymentInvoiceLineItem

Uses the Component: PaymentInvoiceLineItemType

Invoice Line Items

6.68.1. Fields and Components

Table 6.68. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
PaymentLineTypeCode	Identifies the type of charge associted with this line item. The types are parts, labor, lubrication, core amount, freight, sublet and miscellaneous.	0..1	Field	scl:PaymentLineTypeEnumeratedType	
ItemIdentificationGroup	A group of identifications that uniquely identifies this document	0..1	Component	ItemIdentificationGroupType	
Pricing	Provides pricing infomation.	0..*	Component	PricingABIEType	
ItemQuantity	Quantity of this line items used.	0..1	Field	udt:QuantityType	
DocumentReference	The DocumentReference component represents information referenced documents, e.g., Orders, Leads, Invoices, etc.	0..*	Component	DocumentReferenceABIEType	

Name	Description	Occurrence	Type	Data Type	User Notes
FreeFormTextGroup	This component allows for the free form entry of notes and text descriptions. Detailed data should use one of the existing fields or submit a modification request back to STAR to capture the appropriate data.	0..*	Component	FreeFormTextGroupType	
ExtendedAmount	Value times quantity	0..1	Field	udt:AmountType	
CoreIndicator	Indicates that there is an core amount associated with the part.	0..1	Field	udt:IndicatorType	
PaymentLineDescription	A free from text field describing this line item.	0..1	Field	udt:TextType	
SubscriptionServiceGroup	The SubscriptionServiceGroup component identifies the Subscriber of the service and the terms of the subscription.	0..1	Component	SubscriptionServiceGroupType	

6.68.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.68. PaymentInvoiceLineItem

```
<PaymentInvoiceLineItem>
    <PaymentLineTypeCode>......</PaymentLineTypeCode>    [0..1]
    <ItemIdentificationGroup>......</ItemIdentificationGroup>    [0..1]
    <Pricing>......</Pricing>    [0..*]
    <ItemQuantity>......</ItemQuantity>    [0..1]
    <DocumentReference>......</DocumentReference>    [0..*]
    <FreeFormTextGroup>......</FreeFormTextGroup>    [0..*]
    <ExtendedAmount>......</ExtendedAmount>    [0..1]
    <CoreIndicator>......</CoreIndicator>    [0..1]
    <PaymentLineDescription>......</PaymentLineDescription>    [0..1]
    <SubscriptionServiceGroup>......</SubscriptionServiceGroup>    [0..1]
</PaymentInvoiceLineItem>
```

6.69. SubscriptionServiceGroup

Uses the Component: SubscriptionServiceGroupType

The SubscriptionServiceGroup component identifies the Subscriber of the service and the terms of the subscription.

6.69.1. Fields and Components

Table 6.69. Fields and Components

Name	Description	Occurrence	Type	Data Type	User Notes
SubscriberAccountID	Major Account Number - identifies the entity that has contracted with the Service Provider.	1..1	Field	udt:IdentifierType	
SubscriberSubAccountID	Secondary account number used to manage a subset of the Subscriber's vehicles.	0..1	Field	udt:IdentifierType	
SubscriptionServiceType	Identifies the type of service to which the customer is subscribing (i.e., Fuel Tax).	1..1	Field	udt:TextType	
SubscriptionServiceStartDate	Date the subscription service starts.	1..1	Field	udt:DateType	
SubscriptionServiceEndDate	Date the subscription service ends.	1..1	Field	udt:DateType	

6.69.2. Sample XML

The XML Sample provided here is an approximation of the generated XML for this component. Not all of the fields are required for implementation.

Example 6.69. SubscriptionServiceGroup

```
<SubscriptionServiceGroup>
    <SubscriberAccountID>......</SubscriberAccountID>    [1..1]
    <SubscriberSubAccountID>......</SubscriberSubAccountID>    [0..1]
    <SubscriptionServiceType>......</SubscriptionServiceType>    [1..1]
    <SubscriptionServiceStartDate>......</SubscriptionServiceStartDate>    [1..1]
    <SubscriptionServiceEndDate>......</SubscriptionServiceEndDate>    [1..1]
</SubscriptionServiceGroup>
```

Appendix A. Data Types

The STAR XML Schema repository makes use of several different data types. The base of which come from the UNCEFACT Core Components specification.

A.1. Unqualified Data Types

The unqualified data types come from UNCEFACT and are the base types for all of the STAR BODs. See the "Core Components Technical Specification" for more information.

Note: udt:string refers to a string that must be at least 1 character in length.

A.1.1. AmountType

A number of monetary units specified in a currency where the unit of the currency is explicit or implied.

Data Type Format: *xsd:decimal*

Table A.1. Attributes

Name	Description	Occur-rence	Type	Data Type	User Notes
currencyID	The currency of the amount.	1..1	Code List	oacl:CurrencyCodeContentType	

A.1.2. BinaryObjectType

A set of finite-length sequences of binary octets.

Data Type Format: *xsd:base64Binary*

Table A.2. Attributes

Name	Description	Occur-rence	Type	Data Type	User Notes
format	The format of the binary content.	0..1	Attribute	udt:string	

Name	Description	Occur-rence	Type	Data Type	User Notes
mimeCode	The mime type of the binary object.	0..1	Code List	oacl:MIMECodeContentType	
encodingCode	Specifies the decoding algorithm of the binary object.	0..1	Attribute	udt:string	
characterSet	The character set of the binary object if the mime type is text.	0..1	Attribute	udt:string	
uri	The Uniform Resource Identifier that identifies where the binary object is located.	0..1	Attribute	xsd:anyURI	
filename	The filename of the binary object.	0..1	Attribute	udt:string	

A.1.3. GraphicType

A diagram, graph, mathematical curves, or similar representation.

Data Type Format: *xsd:base64Binary*

Table A.3. Attributes

Name	Description	Occur-rence	Type	Data Type	User Notes
format	The format of the graphic content.	0..1	Attribute	udt:string	
mimeCode	The mime type of the graphic object.	0..1	Code List	oacl:MIMECodeContentType	
encodingCode	Specifies the decoding algorithm of the graphic object.	0..1	Attribute	udt:string	
uri	The Uniform Resource Identifier that identifies where the graphic object is located.	0..1	Attribute	xsd:anyURI	
filename	The filename of the graphic object.	0..1	Attribute	udt:string	

A.1.4. PictureType

A diagram, graph, mathematical curves, or similar representation.

Data Type Format: *xsd:base64Binary*

Table A.4. Attributes

Name	Description	Occur-rence	Type	Data Type	User Notes
format	The format of the picture content.	0..1	Attribute	udt:string	
mimeCode	The mime type of the picture object.	0..1	Code List	oacl:MIMECodeContentType	
encodingCode	Specifies the decoding algorithm of the picture object.	0..1	Attribute	udt:string	
uri	The Uniform Resource Identifier that identifies where the picture object is located.	0..1	Attribute	xsd:anyURI	
filename	The filename of the picture object.	0..1	Attribute	udt:string	

A.1.5. SoundType

A diagram, graph, mathematical curves, or similar representation.

Data Type Format: *xsd:base64Binary*

Table A.5. Attributes

Name	Description	Occur-rence	Type	Data Type	User Notes
format	The format of the sound content.	0..1	Attribute	udt:string	
mimeCode	The mime type of the sound object.	0..1	Code List	oacl:MIMECodeContentType	
encodingCode	Specifies the decoding algorithm of the sound object.	0..1	Attribute	udt:string	
uri	The Uniform Resource Identifier that identifies where the sound object is located.	0..1	Attribute	xsd:anyURI	
filename	The filename of the sound object.	0..1	Attribute	udt:string	

A.1.6. SoundType

A diagram, graph, mathematical curves, or similar representation.

Data Type Format: *xsd:base64Binary*

Table A.6. Attributes

Name	Description	Occur-rence	Type	Data Type	User Notes
format	The format of the video content.	0..1	Attribute	udt:string	
mimeCode	The mime type of the video object.	0..1	Code List	oacl:MIMECodeContentType	
encodingCode	Specifies the decoding algorithm of the video object.	0..1	Attribute	udt:string	
uri	The Uniform Resource Identifier that identifies where the video object is located.	0..1	Attribute	xsd:anyURI	
filename	The filename of the video object.	0..1	Attribute	udt:string	

A.1.7. CodeType

A character string (letters, figures, or symbols) that for brevity and/or languange independence may be used to represent or replace a definitive value or text of an attribute together with relevant supplementary information.

Data Type Format: *udt:string*

Table A.7. Attributes

Name	Description	Occur-rence	Type	Data Type	User Notes
listID	The identification of a list of codes.	0..1	Attribute	udt:string	
listAgencyID	An agency that maintains one or more lists of codes.	0..1	Attribute	udt:string	
listAgencyName	The name of the agency that maintains the list of codes.	0..1	Attribute	udt:string	
listName	The name of a list of codes.	0..1	Attribute	udt:string	
listVersionID	The identification of a list of codes.	0..1	Attribute	udt:string	
name	The textual equivalent of the code content component.	0..1	Attribute	udt:string	
languageID	The identifier of the language used in the code name.	0..1	Attribute	udt:string	

Name	Description	Occur-rence	Type	Data Type	User Notes
listURI	The Uniform Resource Identifier that identifies where the code list is located.	0..1	Attribute	xsd:anyURI	
listSchemeURI	The Uniform Resource Identifier that identifies where the code list scheme is located.	0..1	Attribute	xsd:anyURI	

A.1.8. DateTimeType

A particular point in the progression of time together with the relevant supplementary information.

Data Type Format: *xsd:datetime*

A.1.9. DateType

One calendar day according the Gregorian calendar

Data Type Format: *xsd:date*

A.1.10. TimeType

The instance of time that occurs every day.

Data Type Format: *xsd:time*

A.1.11. IdentifierType

A character string to identify and distinguish uniquely, one instance of an object in an identification scheme from all other objects in the same scheme together with relevant supplementary information.

Data Type Format: *udt:string*

Table A.8. Attributes

Name	Description	Occur-rence	Type	Data Type	User Notes
schemeID	The identification of the identification scheme.	0..1	Attribute	udt:string	
schemeAgencyID	The identification of the agency that maintains the identification scheme.	0..1	Attribute	udt:string	
schemeAgencyName	The name of the agency that maintains the identification scheme.	0..1	Attribute	udt:string	
schemeName	The name of a scheme.	0..1	Attribute	udt:string	
schemeVersionID	The version of the identification scheme.	0..1	Attribute	udt:string	
schemeDataURI	The Uniform Resource Identifier that identifies where the identification scheme data is located.	0..1	Attribute	xsd:anyURI	
schemeURI	The Uniform Resource Identifier that identifies where the identification scheme is located.	0..1	Attribute	xsd:anyURI	

A.1.12. TimeType

A list of two mutually exclusive Boolean values that express the only possible states of a property. The values are *true* or *false* .

Data Type Format: *xsd:boolean*

A.1.13. MeasureType

A numeric value determined by measuring an object along with the specified unit of measure.

Data Type Format: *xsd:decimal*

Table A.9. Attributes

Name	Description	Occur-rence	Type	Data Type	User Notes
unitCode	The type of unit of measure.	1..1	Code List	oacl:UnitCodeContentType	

A.1.14. NumericType

Numeric information that is assigned or is determined by calculation, counting, or sequencing. It does not require a unit of quantity or unit of measure.

Data Type Format: *xsd:decimal*

A.1.15. ValueType

Numeric information that is assigned or is determined by calculation, counting, or sequencing. It does not require a unit of quantity or unit of measure.

Data Type Format: *xsd:decimal*

A.1.16. PercentType

Numeric information that is assigned or is determined by calculation, counting, or sequencing. It does not require a unit of quantity or unit of measure.

Data Type Format: *xsd:decimal*

A.1.17. RateType

Numeric information that is assigned or is determined by calculation, counting, or sequencing. It does not require a unit of quantity or unit of measure.

Data Type Format: *xsd:decimal*

A.1.18. QuantityType

A counted number of non-monetary units possibly including fractions.

Data Type Format: *xsd:decimal*

Table A.10. Attributes

Name	Description	Occur-rence	Type	Data Type	User Notes
unitCode	The type of unit of measure.	1..1	Code List	oacl:UnitCodeContentType	

A.1.19. TextType

A character string (i.e. a finite set of characters) generally in the form of words of a language.

Data Type Format: *xsd:decimal*

Table A.11. Attributes

Name	Description	Occur-rence	Type	Data Type	User Notes
languageID	The identifier of the language used in the content component.	0..1	Attribute	xsd:language	

A.1.20. NameType

A character string that consititues the distinctive designation of a person, place, thing or concept.

Data Type Format: *xsd:decimal*

Table A.12. Attributes

Name	Description	Occur-rence	Type	Data Type	User Notes
languageID	The identifier of the language used in the content component.	0..1	Attribute	xsd:language	

A.2. Qualified Data Types

A.2.1. HexBinaryObjectType

Data Type Based On: *xsd:hexBinary*

hexBinary represents arbitrary hex-encoded binary data. The ·value space· of hexBinary is the set of finite-length sequences of binary octets.

A.2.2. YearDateType

Data Type Based On: *xsd:gYear*

Year represents a gregorian calendar year. The value space of gYear is the set of Gregorian calendar years as defined in section 5.2.1 of [ISO 8601]. Specifically, it is a set of one-year long, non-periodic instances e.g. lexical 1999 to represent the whole year 1999, independent of how many months and days this year has.

A.2.3. YearMonthDateType

Data Type Based On: *xsd:gYearMonth*

gYearMonth represents a specific gregorian month in a specific gregorian year. The value space of gYearMonth is the set of Gregorian calendar months as defined in section 5.2.1 of [ISO 8601]. Specifically, it is a set of one-month long, non-periodic instances e.g. 1999-10 to represent the whole month of 1999-10, independent of how many days this month has.

A.2.4. FloatNumericType

Data Type Based On: *xsd:float*

float corresponds to the IEEE single-precision 32-bit floating point type [IEEE 754-1985]. The basic value space of float consists of the values $m \times 2^e$, where m is an integer whose absolute value is less than 2^{24}, and e is an integer between -149 and 104, inclusive. In addition to the basic value space described above, the value space of float also contains the following special values: positive and negative zero, positive and negative infinity and not-a-number. The order-relation on float is: x less than y iff y - x is positive. Positive zero is greater than negative zero. Not-a-number equals itself and is greater than all float values including positive infinity.

A.2.5. DoubleNumericType

Data Type Based On: *xsd:double*

The double datatype corresponds to IEEE double-precision 64-bit floating point type [IEEE 754-1985]. The basic value space of double consists of the values $m \times 2^e$, where m is an integer whose absolute value is less than 2^{53}, and e is an integer between -1075 and 970, inclusive. In addition to the basic value space described above, the value space of double also contains the following special values: positive and negative zero, positive and negative infinity and not-a-number. The order-relation on double is: x less than y iff y - x is positive. Positive zero is greater than negative zero. Not-a-number equals itself and is greater than all double values including positive infinity.

A.2.6. IntegerNumericType

Data Type Based On: *xsd:integer*

Integer is derived from decimal by fixing the value of fractionDigits to be 0. This results in the standard mathematical concept of the integer numbers. The value space of integer is the infinite set {...,-2,-1,0,1,2,...}. The base type of integer is decimal. Numeric Integer decimal

A.2.7. PositiveIntegerNumericType

Data Type Based On: *xsd:positiveInteger*

PositiveInteger is derived from nonNegativeInteger by setting the value of ·minInclusive· to be 1. This results in the standard mathematical concept of the positive integer numbers. The value space of positiveInteger is the infinite set {1,2,...}. The base type of positiveInteger is nonNegativeInteger.

A.2.8. NegativeIntegerNumericType

Data Type Based On: *xsd:negativeInteger*

NegativeInteger is derived from nonPositiveInteger by setting the value of maxInclusive to be -1. This results in the standard mathematical concept of the negative integers. The value space of negativeInteger is the infinite set {...,-2,-1}. The base type of negativeInteger is nonPositiveInteger.

A.2.9. NonPositiveIntegerNumericType

Data Type Based On: *xsd:nonPositiveInteger*

NonPositiveInteger is derived from integer by setting the value of maxInclusive to be 0. This results in the standard mathematical concept of the non-positive integers. The value space of nonPositiveInteger is the infinite set {...,-2,-1,0}. The base type of nonPositiveInteger is integer.

A.2.10. NonNegativeIntegerNumericType

Data Type Based On: *xsd:nonNegativeInteger*

NonNegativeInteger is derived from integer by setting the value of minInclusive to be 0. This results in the standard mathematical concept of the non-negative integers. The value space of nonNegativeInteger is the infinite set {0,1,2,...}. The base type of nonNegativeInteger is integer.

A.2.11. DurationMeasureType

Data Type Based On: *xsd:duration*

Duration represents a duration of time. The value space of duration is a six-dimensional space where the coordinates designate the Gregorian year, month, day, hour, minute, and second components defined in section 5.5.3.2 of [ISO 8601], respectively. These components are ordered in their significance by their order of appearance i.e. as year, month, day, hour, minute, and second.

A.2.12. StringType

Data Type Based On: *xsd:string*

The string datatype represents character strings in XML. The value space of string is the set of finite-length sequences of characters (as defined in [XML 1.0 (Second Edition)]) that ·match· the Char production from [XML 1.0 (Second Edition)]. A character is an atomic unit of communication; it is not further specified except to note that every character has a corresponding Universal Character Set code point, which is an integer.

A.2.13. NormalizedStringType

Data Type Based On: *xsd:normalizedString*

NormalizedString represents white space normalized strings. The value space of normalizedString is the set of strings that do not contain the carriage return (#xD), line feed (#xA) nor tab (#x9) characters. The lexical space of normalizedString is the set of strings that do not contain the carriage return (#xD) nor tab (#x9) characters. The base type of normalizedString is string.

A.2.14. TokenType

Data Type Based On: *xsd:token*

Token represents tokenized strings. The value space of token is the set of strings that do not contain the line feed (#xA) nor tab (#x9) characters, that have no leading or trailing spaces (#x20) and that have no internal sequences of two or more spaces. The lexical space of token is the set of strings that do not contain the line feed (#xA) nor tab (#x9) characters, that have no leading or trailing spaces (#x20) and that have no internal sequences of two or more spaces. The base type of token is normalizedString. Text Token string

A.2.15. URIType

Data Type Based On: *xsd:anyURI*

AnyURI represents a Uniform Resource Identifier Reference (URI). An anyURI value can be absolute or relative, and may have an optional fragment identifier (i.e., it may be a URI Reference). This type should be used to specify the intention that the value fulfills the role of a URI as defined by [RFC 2396], as amended by [RFC 2732].

A.2.16. LanguageCodeType

Data Type Based On: *oacl:LanguageCodeContentType*

language represents natural language identifiers as defined by [RFC 1766]. The value space of language is the set of all strings that are valid language identifiers as defined in the language identification section of [XML 1.0 (Second Edition)]. The lexical space of language is the set of all strings that are valid language identifiers as defined in the language identification section of [XML 1.0 (Second Edition)]. The base type of language is token.

A.2.17. MonthDateType

Data Type Based On: *xsd:normalizedString*

A SQL MonthDate formatted string.

A.2.18. DayDateType

Data Type Based On: *xsd:normalizedString*

A SQL DayDate formatted string.

A.2.19. MonthDayDateType

Data Type Based On: *xsd:token*

A SQL MonthDayDate formatted string.

A.3. STAR Qualified Data Types

A.3.1. DistanceType

Data Type Based On: qdt:StringType

Distance in either miles or kilometers

A.3.2. VINType

Data Type Based On: qdt:StringType

Vehicle Identifcation Number

A.3.3. NormalizedStringType

Data Type Based On: qdt:NormalizedStringType

Derived from oagis NormalizeStringType

A.3.4. PeriodMeasureType

Used to indicate a length of time in months, years, or weeks.

Table A.13. Fields and Components

Name	Description	Occur-rence	Type	Data Type	User Notes
unitCode	Indicates the duration of time in months, weeks, years, etc.	1..1	Code List	xfUOMcl:TimeUnitsContentType	
qualifierCode	Use this to further qualify the scope of the measurement.	0..1	Code List	xsd:normalizedString	

A.3.5. WeightMeasureType

Used to indicate a weight.

Table A.14. Fields and Components

Name	Description	Occur-rence	Type	Data Type	User Notes
unitCode	Use to indicate how much something weighs.	1..1	Code List	xfUOMcl:WeightUnitsContentType	
qualifierCode	Use this to further qualify the scope or type of the measure-ment.	0..1	Code List	xsd:normalizedString	

A.3.6. LengthMeasureType

Used to indicate a length.

Table A.15. Fields and Components

Name	Description	Occur-rence	Type	Data Type	User Notes
unitCode	Use to indicate the length or distance.	1..1	Code List	xfUOMcl:LengthUnitsContentType	
qualifierCode	Use this to further qualify the scope of the measurement.	0..1	Code List	xsd:normalizedString	

A.3.7. VolumeMeasureType

Used to indicate a volume.

Table A.16. Fields and Components

Name	Description	Occur-rence	Type	Data Type	User Notes
unitCode	Used to indciate volume.	1..1	Code List	xfUOMcl:VolumeUnitsContentType	
qualifierCode	Use this to further qualify the scope of the measurement.	0..1	Code List	xsd:normalizedString	

A.3.8. AreaMeasureType

Used to indicate an area.

Table A.17. Fields and Components

Name	Description	Occur-rence	Type	Data Type	User Notes
unitCode	Used to indciate area.	1..1	Code List	xfUOMcl:AreaUnitsContentType	
qualifierCode	Use this to further qualify the scope of the measurement.	0..1	Code List	xsd:normalizedString	

A.3.9. SpeedMeasureType

Used to indicate a speed.

Table A.18. Fields and Components

Name	Description	Occur-rence	Type	Data Type	User Notes
unitCode	Used to indciate a speed type.	1..1	Code List	xfUOMcl:SpeedUnitsContentType	
qualifierCode	Use this to further qualify the scope of the measurement.	0..1	Code List	xsd:normalizedString	

A.3.10. TemperatureMeasureType

Used to indicate a speed.

Table A.19. Fields and Components

Name	Description	Occur-rence	Type	Data Type	User Notes
unitCode	Used to indciate a temperature type.	1..1	Code List	xfUOMcl:TemperatureUnitsContentType	
qualifierCode	Use this to further qualify the scope of the measurement.	0..1	Code List	xsd:normalizedString	

A.3.11. FuelConsumptionMeasureType

Used to indicates fuel consumption speed.

Table A.20. Fields and Components

Name	Description	Occur-rence	Type	Data Type	User Notes
volumeUnitCode	Used to indicate the volume of consumption.	1..1	Code List	xfUOMcl:VolumeUnitsContentType	
timeUnitCode	Used to indicate the duration or speed of consumption.	1..1	Code List	xfUOMcl:TimeUnitsContentType	
qualifierCode	Use this to further qualify the scope of the measurement.	0..1	Code List	xsd:normalizedString	

A.3.12. PowerMeasureType

Used to indicate power rating.

Table A.21. Fields and Components

Name	Description	Occur-rence	Type	Data Type	User Notes
unitCode	Used to indciate a type of power.	1..1	Code List	xfUOMcl:PowerUnitsContentType	
qualifierCode	Use this to further qualify the scope of the measurement.	0..1	Code List	xsd:normalizedString	

A.3.13. TimeMeasureType

Used to indicate the amount of time in hours, minutues, seconds, etc.

Table A.22. Fields and Components

Name	Description	Occur-rence	Type	Data Type	User Notes
unitCode	Used to indciate a the time measurement.	1..1	Code List	xfUOMcl:TimeUnitsContentType	

A.3.14. BoatLengthCodeType

Data Type Based On: nmmacl:BoatLengthContentType

Indicates the type of boat length being measured.

A.3.15. BoatDraftCodeType

Data Type Based On: nmmacl:BoatDraftContentType

Indicates the type of draft being measured.

A.3.16. BoatCategoryCodeType

Data Type Based On: nmmacl:BoatCategoryContentType

Indicates the category in which a boat is defined. Note this is not the same as the BoatClass which identifies the intended usage of a boat. There may be multiple BoatClasses defined in one BoatCategory.

A.3.17. BoatClassCodeType

Data Type Based On: nmmacl:BoatClassContentType

Indicates the definition of the boat, i.e. the intended usage.

A.3.18. BoatHullDesignCodeType

Data Type Based On: nmmacl:BoatHullDesignContentType

Indicates the type of hull design on the boat.

A.3.19. BoatHullMaterialCodeType

Data Type Based On: nmmacl:BoatHullMaterialContentType

Indicates the primary material out of which the hull is made.

A.3.20. BoatKeelCodeType

Data Type Based On: nmmacl:BoatKeelContentType

Indicates the type of keel on the boat.

A.3.21. ElectricityMeasureType

Used to indicate pressure measurements.

Table A.23. Fields and Components

Name	Description	Occur-rence	Type	Data Type	User Notes
unitCode	Used to indicate electricity measurements.	1..1	Code List	xfUOMcl:ElectricityUnitsContentType	
qualifierCode	Use this to further qualify the scope of the measurement.	0..1	Code List	xsd:normalizedString	

A.3.22. ForceMeasureType

Used to indicate force measurements.

Table A.24. Fields and Components

Name	Description	Occur-rence	Type	Data Type	User Notes
unitCode	Used to indicate force measurements.	1..1	Code List	xfUOMcl:ForceUnitsContentType	
qualifierCode	Use this to further qualify the scope of the measurement.	0..1	Code List	xsd:normalizedString	

A.3.23. BoatEngineLocationCodeType

Data Type Based On: nmmacl:BoatEngineLocationContentType

Defines the location on the boat that the engine can be mounted.

A.3.24. PressureMeasureType

Used to indicate pressure measurements.

Table A.25. Fields and Components

Name	Description	Occur-rence	Type	Data Type	User Notes
unitCode	Used to indicate pressure measurements.	1..1	Code List	xfUOMcl:PressureUnitsContentType	
qualifierCode	Use this to further qualify the scope of the measurement.	0..1	Code List	xsd:normalizedString	

A.3.25. DeliveryTypeCodeType

Data Type Based On: scl:DeliveryTypeContentType

Indicates the type of boat length being measured.

A.3.26. PartActivityTransactionCodeType

Data Type Based On: scl:PartActivityTransactionContentType

Part Activity Transactions

A.3.27. FuelTypeCodeType

Data Type Based On: scl:FuelTypeContentType

Type of vehicle fuel

A.3.28. SalesStatusType

Data Type Based On: scl:SalesStatusContentType

The status of the sale of the item.

A.3.29. LanguageCodeType

Data Type Based On: scl:LanguageContentType

The ISO Language Code used to represent a spoken or written language.

A.3.30. CrossShipmentRestrictionCodeType

Data Type Based On: scl:CrossShipmentRestrictionContentType

The restrictions to be applied to an OEM when shipping to a Dealer if cross shipment is allowed.

A.3.31. ComputerStorageMeasureType

Used to indicate the amount of computer storage needed.

Table A.26. Fields and Components

Name	Description	Occur-rence	Type	Data Type	User Notes
unitCode	Used to indicate computer storage measurements.	1..1	Code List	xfUOMcl:ComputerStorageUnitsContentType	
qualifierCode	Use this to further qualify the scope of the measurement.	0..1	Code List	xsd:normalizedString	

A.3.32. JobNumberSchemeIDType

Used to identify a scheme

Table A.27. Fields and Components

Name	Description	Occur-rence	Type	Data Type	User Notes
schemeID	The identification of the identification scheme.	0..1	Code List	udt:string	

A.3.33. TimeUntiSchemeIDType

Used in the RepairOder ServiceLabor.ServiceLaborTimeValue.TimeUnit element

Table A.28. Fields and Components

Name	Description	Occur-rence	Type	Data Type	User Notes
schemeID	The identification of the identification scheme.	0..1	Code List	udt:string	

A.3.34. AssigningOrganizationPartyIdType

Data Type Based On: scl:AssigningOrganizationPartyIdContentType

Organization that Assigns the ID

A.3.35. AgencyRoleCodeType

Data Type Based On: scl:AgencyRoleCodeContentType

Indicates the type of keel on the boat.

A.3.36. CountryCodeType

Data Type Based On: scl:CountryContentType

The ISO Country Code.

A.3.37. DisplacementMeasureType

Used to indicate the amount of computer storage needed.

Table A.29. Fields and Components

Name	Description	Occur-rence	Type	Data Type	User Notes
unitCode	Used to indicate displace in either Volume or Weight	1..1	Code List	xfUOMcl:DisplacementUnitsContentType	
qualifierCode	Use this to further qualify the scope of the measurement.	0..1	Code List	xsd:normalizedString	

A.3.38. ContactMethodTypeCodeType

Data Type Based On: scl:ContactMethodTypeContentType

Indicates the preferred method of contact.

A.3.39. VehicleUseCodeType

Data Type Based On: scl:VehicleUseContentType

Indicates the preferred method of contact.

A.3.40. ShipmentCarrierCompanyCodeType

Data Type Based On: scl:ShipmentCarrierCompanyContentType

Preferred carrier of deliver of part.

A.3.41. ShipmentCarrierTransportMethodTypeCodeType

Data Type Based On: scl:ShipmentCarrierTransportMethodTypeContentType

Defines the method by which a shipment carrier transports an item (i.e., air, ground, etc.)

A.3.42. ShipmentCarrierServiceLevelCodeType

Data Type Based On: scl:ShipmentCarrierServiceLevelContentType

Indicates the priority of service to be provided by the Shipment Carrier

A.3.43. ShipmentCarrierDeliveryCodeType

Data Type Based On: scl:ShipmentCarrierDeliveryContentType

A.3.44. ShipmentCarrierCollectionMethodCodeType

Data Type Based On: scl:ShipmentCarrierCollectionMethodContentType

A.3.45. OrderTypeCodeType

Data Type Based On: scl:OrderTypeContentType

Part Order Type entered or selected at dealership. Stock-STK, Vehicle Off Road-VOR, Daily-DPO, Emergency-EMG, Supplemental-SUP, Promotional-PRO, Solicited-SOL, Vehicle Off Road Parts Inquiry-VPI, Weekly-WKL, Interim-INT, Export-EXP, Dropship Stock-DSS, Dropship Vehicle Off Road-DVR, Lock and Key-LAK, Will Call-WCL, Return Request w/ Reference-RRR, Return Request w/o Reference-RWR, Credit Request w/ Reference-CRR, Credit Request w/o Reference-CWR, Debit Request w/ Reference-DRR, Debit Request w/o Reference-DWR, Rush-RUS, Urgent-URG, Other-OTH, N/A-N/A, Hold-HLD, Dating-DTG.

A.3.46. RequestedAmountTypeCodeType

Data Type Based On: scl:RequestedAmountTypeContentType

Enumerated field that indicates the type of amount requested by the Dealer for a Warranty Submission Claim.

A.3.47. ItemIDCategoryTypeCodeType

Data Type Based On: scl:ItemIDCategoryTypeContentType

Indicates the category that a part number is associated with.

A.3.48. DealerServiceTypeCodeType

Data Type Based On: scl:DealerServiceTypeContentType

Indicates the type of services performed by the Dealer.

A.3.49. HoursTypeCodeType

Data Type Based On: scl:HoursTypeContentType

Indicates a type of hours such as Sales hours, Service hours, etc.

A.3.50. DayOfWeekCodeType

Data Type Based On: scl:DayOfWeekContentType

The DaysOfWeek component is used to identify availability based on days of the week.

A.3.51. LocationTypeCodeType

Data Type Based On: scl:LocationTypeContentType

Type of location.

A.3.52. LocationIDTypeCodeType

Data Type Based On: scl:LocationIDTypeContentType

Code representing the type of location.

A.3.53. DeliveryProcessStateCodeType

Data Type Based On: scl:DeliveryProcessStateContentType

Enumerated list of delivery states indicating what is going on with the vehicle.

A.3.54. EventTypeCodeType

Data Type Based On: scl:EventTypeContentType

Enumerated list of unusual event types.

A.3.55. FleetAccountCodeType

Data Type Based On: scl:FleetAccountContentType

Describes the contents of the FleetAccountString.

A.3.56. SubtotalTypeCodeType

Data Type Based On: scl:SubtotalTypeCodeContentType

Describes the contents of the SubtotalAmount.

A.3.57. DealerProductsTypeCodeType

Data Type Based On: scl:DealerProductsTypeCodeContentType

Descibes the various dealer product types a dealer can sell. These are not related to other charges or programs and rates.

A.3.58. LeaseEndOptionVehicleDecisionCodeType

Data Type Based On: scl:LeaseEndOptionVehicleDecisionContentType

Enables the customers decision at the end of an option to keep the vehicle or not. It records whether the client has decided to refinance, return, or retain the vehicle or whether they have not made up their mind etc.

A.3.59. LeaseEndOptionFinanceDecisionCodeType

Data Type Based On: scl:LeaseEndOptionFinanceDecisionContentType

Enables the customers decision at the end of an option to be recorded along with other associated information. It records whether the client has decided to finance their next vehicle or whether they have not made up their mind etc.

A.3.60. RepairStatusCodeType

Data Type Based On: scl:RepairStatusCodeContentType

Allows the dealer to indicate to customer whether the problem has been inspected only or fixed as well.

A.3.61. QuantityContentType

Data Type Based On: ???

A.3.62. QuantityType

This is used to indicate general quantity information. It is combination of several code lists. Including The STAR Codelist UOMEnumeratedtype. The XFront code lists, LengthUnitsContentType, WeightUnitsContentType, and VolumeUnitsContentType

Table A.30. Fields and Components

Name	Description	Occur-rence	Type	Data Type	User Notes
unitCode	This is used to indicate general quantity information. It is combination of several code lists. Including The STAR	0..1	Code List	QuantityContentType	

Name	Description	Occur-rence	Type	Data Type	User Notes
	Codelist UOMEnumeratedtype. The XFront code lists, LengthUnitsContentType, WeightUnitsContentType, and Vol-umeUnitsContentType				

A.3.63. AcquisitionMethodTypeCodeType

Data Type Based On: scl:AcquisitionMethodTypeCodeContentType

Method of purchase normally used to acquire this item.

A.3.64. PartConditionCodeType

Data Type Based On: scl:PartConditionCodeContentType

The condition of a part.

A.3.65. StockingLevelIndicatorCodeType

Data Type Based On: scl:StockingLevelIndicatorCodeContentType

Indicates level of stocking maintained by OEM for this part. This pertains not only to the replentishment algorithm, but the number of stocking locations.

A.3.66. DistributionMethodCodeType

Data Type Based On: scl:DistributionMethodCodeContentType

Used to indicate how an item may be distributed to a buyer.

A.3.67. BuyPercentageRateAdjustmentTypeCodeType

Data Type Based On: scl:BuyPercentageRateAdjustmentTypeContentType

Indicates the type of adjustment, either an addition or subtraction, to be made to the buy rate.

A.3.68. TaxCreditTypeCodeType

Data Type Based On: scl:TaxCreditTypeContentType

Indicates the type of tax credit being applied.

A.3.69. TransferStatusCodeType

Data Type Based On: scl:TransferStatusContentType

A code that that identifies the recommended transfer as either Processed or Unprocessed.

A.3.70. PaymentLineTypeCodeType

Data Type Based On: scl:PaymentLineTypeContentType

Identifies the type of charge associted with this line item. The types are parts, labor, lubrication, core amount, freight, sublet and miscellaneous.

A.3.71. DisplacementMeasureTypeCodeType

Data Type Based On: nmmacl:DisplacementMeasureTypeContentType

Further qualifies the Displacement Measurement.

A.3.72. TankUsageCodeType

Data Type Based On: nmmacl:TankUsageCodeContentType

How the tank is going to be used. i.e. what type of liquids, gas, etc will it be used to contain.

A.3.73. TankMaterialCodeType

Data Type Based On: nmmacl:TankMaterialCodeContentType

The type of material the tank is constructed.

A.3.74. AccommodationTypeCodeType

Data Type Based On: nmmacl:AccommodationTypeCodeContentType

Describes the room / accommodations available on the vehicle including; type, Description, size and Number

A.3.75. WindlassTypeCodeType

Data Type Based On: nmmacl:WindlassTypeCodeContentType

An aparatus for moving heavy weights.

A.3.76. TaxStatusCodeType

Data Type Based On: scl:TaxStatusCodeContentType

Used to indicate the status of the tax.

Appendix B. Code Lists

STAR BODS use many different code lists, some maintained by STAR, some maintained by external organizations. This section documents all of the STAR Code Lists, not every code list may be used by a BOD. Please refer to the fields data type for information on if it uses a code list.

B.1. STAR 5 Code Lists

B.1.1. AccountingTermEnumeratedType

- **MTD** - Month To Date

- **YTD** - Year To Date

- **ME** - Month End

B.1.2. AccountingTermContentType

This codelist is a combination of one or more code lists: AccountingTermEnumeratedType

B.1.3. SecondaryAccountingTermEnumeratedType

- **ME** - Month End

- **PM** - Prior Month

- **BOMYTD** - Beginning of Month Year-To-Date

- **EOMYTD** - End of Month Year-To-Date

- **PYTD** - Prior Year-To-Date

- **CMPA** - Current Month Plan Amount

- **YTDPA** - Year-To-Date Plan Amount

- **AA** - Aged Amount. The associated MonetaryValue is an aged amount

- **UA** - Units Aged. The associated NonMonetaryValue is an aged amount

- **SA** - Service department amount

- **SU** - Service department units

B.1.4. SecondaryAccountingTermContentType

This codelist is a combination of one or more code lists: SecondaryAccountingTermEnumeratedType

B.1.5. AcknowledgmentCodeEnumeratedType

- **0** - 0 = Accepted as received

- **1** - 1 = Accepted with modifications in the Header only or in the Header and the Lines

- **2** - 2 = Order has been rejected

B.1.6. AcknowledgmentCodeContentType

This codelist is a combination of one or more code lists: AcknowledgmentCodeEnumeratedType

B.1.7. AddressQualifierEnumeratedType

- **WorkAddress** - Work Address

- **SeasonalAddress** - Seasonal Address

- **DeliveryAddress** - Delivery Address

- **HomeAddress** - Home Address

- **PreviousAddress** - Previous Address

- **Other** - Other

- **Garage** - Garage

- **Billing** - Billing

- **NonSigningSpouseAddress** - Non Signing Spouse Address

- **N/A** - Not Applicable

B.1.8. AddressQualifierContentType

This codelist is a combination of one or more code lists: AddressQualifierEnumeratedType

B.1.9. AllowBackOrderPartialShipEnumeratedType

- **No Back Order** - Dealer will not accept back orders

- **No Back Order Ship Available** - Back order shipping is not available

- **Allow Back Order** - Dealer will allow back orders

- **Allow Back Order No Partial** - Dealer will allow back orders with no partial shipments

B.1.10. AllowBackOrderPartialShipContentType

This codelist is a combination of one or more code lists: AllowBackOrderPartialShipEnumeratedType

B.1.11. ApplicationNumberDescriptionEnumeratedType

- **Finance Source** - Application number assigned by the Finance Source

- **Retail System Provider** - Application Number assigned by the Retail System Provider

B.1.12. ApplicationNumberDescriptionContentType

This codelist is a combination of one or more code lists: ApplicationNumberDescriptionEnumeratedType

B.1.13. ApplicationStatusEnumeratedType

- **P** - "P" = Pending

- **A** - "A" = Approved

- **C** - "C" = Approved with Conditions

- **D** - "D" = Denied

- **B** - "B" = Booked

- **N** - "N" = New

- **M** - "M" = Modified

- **R** - "R" = Preliminary

- **I** - "I" = Withdrawn

- **L** - "L" = Canceled

- **O** - "O" = Condition

- **E** - "E" = Error

- **RO** - "RO" = Reopened

- **OT** - "OT" = Other

- **Pre-Approved** - Pre-Approved

- **More Information Required** - More Information Required

- **Not Submitted** - Not Submitted

B.1.14. ApplicationStatusContentType

This codelist is a combination of one or more code lists: ApplicationStatusEnumeratedType

B.1.15. AssigningOrganizationPartyIdEnumeratedType

- **LegalId** - Legal ID

- **NationalId** - Government-assigned ID such as a social security Number

- **Other** - Other type of Assigning Organization Party ID

- **DUNS** - Dun and Bradstreet

- **MotorDealerRegistrationId** - Department of Motor Vehicle Registration number for a dealer. This is the dealer's license number to do business.

- **GSTRegistrationId** - Canadian Goods and Services Tax Id.

- **HSTRegistrationId** - Canadian HarmonizedTax Id.

- **Certification Of Registration Id** - Id of the certificate of registration assigned to a business to allow that business to collect and remit certain taxes or fees to a state.

- **QSTRegistrationId** - Canadian Sales Tax Id.

B.1.16. AssigningOrganizationPartyIdContentType

This codelist is a combination of one or more code lists: AssigningOrganizationPartyIdEnumeratedType AssigningPartyIdEnumeratedType

B.1.17. AssigningPartyIdEnumeratedType

- **LegalId** - Legal ID

- **DriversLicense** - Drivers License

- **NationalId** - Government-assigned ID such as a social security Number

- **Other** - Other type of Assigning Party ID

- **GSTRegistrationId** - Canadian Goods and Services Tax Id.

- **HSTRegistrationId** - Canadian HarmonizedTax Id.

- **QSTRegistrationId** - Canadian Sales Tax Id.

B.1.18. AssigningPartyIdContentType

This codelist is a combination of one or more code lists: AssigningOrganizationPartyIdEnumeratedType AssigningPartyIdEnumeratedType

B.1.19. AvailabilityStatusEnumeratedType

- **In Stock** - Part is in stock.

- **Out Of Stock** - Part is in stock.

- **Other** - Other availability status.

- **N/A** - Not Applicable.

- **In Transit** - Indicates that the part is in transit to the warehouse facility.

B.1.20. AvailabilityStatusContentType

This codelist is a combination of one or more code lists: AvailabilityStatusEnumeratedType

B.1.21. BoatEngineTypeEnumeratedType

- **Inboard** - Inboard

- **Inboard/Outboard** - Inboard/Outboard

- **Jet** - Jet

- **Outboard** - Outboard

- **Outboard 2 Stroke** - Outboard 2 Stroke

- **Outboard 4 Stroke** - Outboard 4 Stroke

- **Stern Drive** - Stern Drive

- **V Drive** - V Drive

- **Electric** - Electric

- **Other** - A engine type that is not listed in the standard code list.

B.1.22. BoatEngineTypeContentType

This codelist is a combination of one or more code lists: BoatEngineTypeEnumeratedType

B.1.23. CaseTypeEnumeratedType

- **Arbitration** - Customer Arbitration

- **Legal** - Legal Action

- **Technical Analysis** - Customer Arbitration Intervention or legal action related to technical analysis

- **Customer Relations** - Customer Arbitration Intervention or legal action related to customer relations

- **Better Business** - Customer Arbitration Intervention or legal action related to better business

- **Other** - Other

B.1.24. CaseTypeContentType

This codelist is a combination of one or more code lists: CaseTypeEnumeratedType

B.1.25. CashPriceInclusionTypeEnumeratedType

- **Base** - Description of an amount for items included in the base vehicle cash price.

- **Total** - Description of an amount for items included in the total vehicle cash price.

B.1.26. CashPriceInclusionTypeContentType

This codelist is a combination of one or more code lists: CashPriceInclusionTypeEnumeratedType

B.1.27. ChildLineReasonCodeEnumeratedType

- **Multi-Condition** - One or more child lines exist due to differences in allocation such as back orders and warehouse supply.

- **Kit Exploded** - One or more child lines exists to express the availability of parts within the kit.

- **Superseded** - One or more child lines exist to express the ordered part was superseded by the listed parts.

- **Substituted** - One or more child lines exist to express the ordered part was substituted by the listed parts.

B.1.28. ChildLineReasonCodeContentType

This codelist is a combination of one or more code lists: ChildLineReasonCodeEnumeratedType

B.1.29. CodesActionEnumeratedType

- **A** - Add to existing table

- **D** - Delete existing table by code

- **DA** - Delete total table

- **N** - Initial table load

- **R** - Replace existing table by code

- **RA** - Replace total table

B.1.30. CodesActionContentType

This codelist is a combination of one or more code lists: CodesActionEnumeratedType

B.1.31. CollisionDeductibleTypeEnumeratedType

- **Regular** -

- **Broadened** -

- **Limited** -

- **PassengerVehicle** -

- **LimitedCommercialVehicle** -

B.1.32. CollisionDeductibleTypeContentType

This codelist is a combination of one or more code lists: CollisionDeductibleTypeEnumeratedType

B.1.33. ComponentTypeEnumeratedType

- **Miscellaneous** - Miscellaneous service type

- **GasOilGrease** - Service type related to gas, oil and grease

- **PaintMaterials** - Service type related to paint materials

- **ShopSupplies** - Service type related to shop supplies

- **Freight** - Service type related to freight

- **Other** - Other

- **Core** - Charges related to cores.

- **Parts** - Charges related to parts.

- **Labor** - Charges related to labor

- **Travel** - Travel

- **Text Line** - Text Line

- **Text Amount Line** - Text Amount Line

- **Sublet Line** - Sublet Line

B.1.34. ComponentTypeContentType

This codelist is a combination of one or more code lists: ComponentTypeEnumeratedType

B.1.35. ConfirmationEnumeratedType

- **0** - Never send confirmation

- **1** - Only send confirmation on error

- **2** - Always send confirmation

- **Never** - Never send confirmation

- **OnError** - Only send confirmation on error

- **Always** - Always send confirmation

B.1.36. ConfirmationContentType

This codelist is a combination of one or more code lists: ConfirmationEnumeratedType

B.1.37. ConfirmationEntityEnumeratedType

- **Insurance Company** - Confirmation was performed by Insurance Company

- **Agency** - Confirmation was performed by Insurance Agent

B.1.38. ConfirmationEntityContentType

This codelist is a combination of one or more code lists: ConfirmationEntityEnumeratedType

B.1.39. ContactTelephoneNumberDescriptionEnumeratedType

- **Evening Phone** - Evening Phone

- **Day Phone** - Day Phone

- **Cell Phone** - Cell Phone

- **Pager** - Pager

- **Other** - Other

B.1.40. ContactTelephoneNumberDescriptionContentType

This codelist is a combination of one or more code lists: ContactTelephoneNumberDescriptionEnumeratedType

B.1.41. ContactTelephoneNumberOrganizationDescriptionEnumeratedType

- **Day Phone** - Day Phone

- **Cell Phone** - Cell Phone

- **Pager** - Pager

- **Other** - Other

B.1.42. ContactTelephoneNumberOrganizationDescriptionContentType

This codelist is a combination of one or more code lists: ContactTelephoneNumberOrganizationDescriptionEnumeratedType

B.1.43. CreditCardTypeEnumeratedType

- **Visa** - Visa

- **MasterCard** - MasterCard

- **AMEX** - American Express

- **Discover** - Discover

- **gmcard** - GM Credit Rewards Card

- **Other** - Other

- **N/A** - N/A

B.1.44. CreditCardTypeContentType

This codelist is a combination of one or more code lists: CreditCardTypeEnumeratedType

B.1.45. DeliveryTypeEnumeratedType

- **Batch** - The total accumulation of captured transactions sent at a set interval

- **Interactive** - Transactions that take place in real-time

- **Detail** - Contains detail or line item information.

- **Summary** - Contains summary information.

B.1.46. DeliveryTypeContentType

This codelist is a combination of one or more code lists: DeliveryTypeEnumeratedType

B.1.47. DeltaEnumeratedType

- **absolute** -

- **relative** -

- **percentage** -

- **other** -

B.1.48. DeltaContentType

This codelist is a combination of one or more code lists: DeltaEnumeratedType

B.1.49. DimensionMeasureEnumeratedType

- **ft** - ft = feet

- **yd** - yd = yard

- **in** - in = inch

- **m** - m = meter

- **cm** - cm = centimeter

B.1.50. DimensionMeasureContentType

This codelist is a combination of one or more code lists: DimensionMeasureEnumeratedType

B.1.51. DriveTypeEnumeratedType

* **Front** - Front wheel drive

* **Rear** - Rear wheel drive

* **4X4** - Four wheel drive

* **AWD** - All wheel drive

* **Stern** - The engine is located inboard just forward transom (sterm) and delivers power via a shaft that goes through the transom to the drive unit.

* **Sail** - An arrangement of an inboard motor that is about a sailboat's equivalent of a motorboat's stern drive. The difference is the motor sticks out of the bottom of the hull of the boat, instead of from the stern.

* **V** - Consists of two drive shafts, a gearbox, and a propeller. In these types of "V-drive" boats the engine is mounted in the rear of the boat and the front of the engine faces aft. Connected to the rear of the engine is the transmission and out of the transmission comes the first of the two drive shafts. This drive shaft connects to the rear of the transmission and to the gearbox which is mounted in the center of the boat. Then out of the gearbox comes the second drive shaft which extends to the rear and out the bottom of the boat which gives this propulsion system it's V configuration. At the end of the second drive shaft the propeller is mounted.

* **Jet** - Unlike a powerboat or motorboat that uses a propeller in the water below or behind the boat, a jet drive draws the water from under the boat into a pump-jet inside the boat, then expels it through a nozzle at the stern.

* **Direct** - Configuration where a drive shaft is used to connect the transmission to the propeller.

* **Surface** - Engine(s) located aft or amidships, mated to a transmission with an output shaft passing through the transom to a non-steering outdrive that locates the propeller near the water surface. Usually associated with high-performance boats and yachts.

* **Air Propeller** - Engine drives a propeller spinning in the air to create thrust to move the craft forward. Used on hovercraft and air boats.

* **Pod** - Engines located amidships and mated to pivoting drive units located below the hull that steer the boat by changing the direction of propeller thrust.

* **Other** - Other drive type not available in the list.

B.1.52. DriveTypeContentType

This codelist is a combination of one or more code lists: DriveTypeEnumeratedType

B.1.53. EncodingBaseEnumeratedType

- **base64** - Base 64

- **octal** - Octal

- **binary** - Binary

- **plainText** - Plain Text

- **other** - Other

- **N/A** - Not Applicable

B.1.54. EncodingBaseContentType

This codelist is a combination of one or more code lists: EncodingBaseEnumeratedType

B.1.55. EngineConfigurationEnumeratedType

- **horizontal** - Horizontal engine configuration

- **in-line** - In-line engine configuration

- **rotary** - Rotary engine configuration

- **V-type** - V-type engine configuration

- **W-type** - W-type engine configuration

- **other** - Other

- **N/A** - Not Applicable

B.1.56. EngineConfigurationContentType

This codelist is a combination of one or more code lists: EngineConfigurationEnumeratedType

B.1.57. EngineDisplacementEnumeratedType

- **ci** - ci - Cubic Inches

- **cc** - cc - Cubic Centimeters

- **liters** - liters

- **other** - other

- **N/A** - Not Applicable

B.1.58. EngineDisplacementContentType

This codelist is a combination of one or more code lists: EngineDisplacementEnumeratedType

B.1.59. EngineInductionEnumeratedType

- **turbo** - Turbo engine induction

- **supercharger** - Supercharger engine induction

- **twin-turbo** - Twin-turbo engine induction

- **normally aspirated** - Normally aspirated engine induction

- **other** - Other

- **N/A** - Not Applicable

B.1.60. EngineInductionContentType

This codelist is a combination of one or more code lists: EngineInductionEnumeratedType

B.1.61. FeeTypeEnumeratedType

- **DocumentPreparationFee** - Documentary fees also typically referred to as document preparation fees , documentary service fees, closing fees, delivery fee, seller documentation fee, processing fee, administrative fee or other terminology permitted by law. Documentary fees are not official fees and not required by law.

- **SmogCertificateFeePaidToState** - This fee is paid by the dealer on behalf of the buyer to the state. This fee is not charged on new vehicles.

- **DocumentationFee** - Documentary fees also typically referred to as document preparation fees , documentary service fees, closing fees, delivery fee, seller documentation fee, processing fee, administrative fee or other terminology permitted by law. Documentary fees are not official fees and not required by law.

- **FloridaDocumentFee** - A dealer may charge a "delivery" or "documentary" fee only if that charge is separately itemized by the dealer on the Buyer's Order. The delivery or documentary fee must not be separately itemized on the retail install- ment contract. The delivery or documentary fee may be financed only if it is included in the Cash Price in Section 1, line a. of the retail installment contract.

- **FilingFee** - Filing fees (also typically referred to as recording, lien notations, or release of lien fees) are those fees actually paid by the dealer to public officials for determining the existence of, or for perfecting or satisfying any lien related to the retail contract.

- **TitleFee** - Title fees are those fees actually paid by the dealer on behalf of the buyer to public officials for titling of the vehicle being purchased related to the contract.

- **RegistrationFee** - Title fees are those fees actually paid by the dealer on behalf of the buyer to public officials for the registration of the vehicle being purchased related to the contract.

- **LicenseFee** - Title fees are those fees actually paid by the dealer on behalf of the buyer to public officials for licensing of the vehicle being purchased related to the contract.

- **TireFee** - This fee will be charged on the sale of new tires, including new tires that are sold or leased as part of a new or used motor vehicles (including spare).

- **MotorVehicleInspectionFee** - The Motor Vehicle inspection Fee is a fee paid out by the dealer on behalf of the Buyer.

- **BatteryFee** - Battery fee is charged for new or remanufactured batteries.

- **WarrantyRightsFee** - This fee is charged on each sale of a motor vehicle, fees paid to public officials.

- **CanadaFilingFee** -

- **OfficialFeesPaidToGovtAgencies** - Fees paid to local government jurisdictions by the dealer on behalf of the buyer.

- **DocumentaryStampFee** -

- **GAP** - Guaranteed Auto Protection is an insurance that covers the deficiency balance on a customers account, in the event that the said customers vehicle insurance company claims the vehicle a total loss.

- **LoanOriginationFee** - Fee charged by the dealer for completion and execution of the retail/lease contract, paid for by the buyer.

- **DeputyServiceFeePaidToDealer** -

- **SmogCertificateFeePaidToSeller** - This fee is charged by the Seller or other testing station. There is no legal minimum or maximum amount that may be charged for this fee. This fee is not charged on new vehicles.

- **SmogImpactFee** - Vehicles that were subject to payment of the Smog Impact Fee were vehicles previously registered in another state or country prior to California registration. The Smog Impact Fee and, if appropriate, a penalty fee for late payment were imposed on 1975 or newer gasoline-powered, 1980 or newer diesel-powered passenger motor vehicles, and/or commercial motor vehicles with an unladen weight of 6,000 pounds or less, the Environmental Protection Agency (EPA) label did not indicate the vehicle met California emission control standards.

- **ServiceContract** - A service agreement that is purchased by the customer for maintenance/service of the vehicle from the manufacturer's provider or approved 3rd party

- **PlateFee** - Fee paid by the dealer on the customers behalf to public officials, when a customer requires a new license plate for the newly purchased vehicle.

- **LienNotationFee** - Fee paid by the dealer on the customers behalf to public officials when laws require for the vehicle title to be noted with a recorded lien.

- **WasteTire** - Waste Tire Fee is based on the size of the tire and applies to new vehicles

- **ArbitrationFee** - The Arbitration Fee is used to fund a comprehensive arbitration program for the enforcement of warranties on new vehicles which includes the establishment of a consumer arbitration board for settling warranty disputes.

- **NotaryFee** - A notary fee must actually be paid to a third-party notary for notarizing the back of the Certificate of Origin in connection with the purchase of a new vehicle.

- **SecurityInterestChargesFilingFee** - This fee is actually paid by the dealer to public officials for determining the existence of, or perfecting, releasing, or satisfying any lien related to the retail sale.

- **ElectronicTitleFee** - Fee to charge the buyer of the vehicle for the actual cost to the dealer of the electronic transmission service for issuing permanent registration plate

- **SafetyInspectionFee** - Fee for safety inspection of vehicle as required by jurisdiction of where vehicle is registered.

- **ProcessingFee** - Fee for processing the vehicles purchase, which includes the obtaining of the title and license plates for the purchaser

- **EmergencyMedicalServiceAdministrationFee** - Upon the retail sale or lease of any new or used motor vehicle by a vehicle dealer, the dealer shall collect from the consumer an emergency medical services fee which shall be an administrative fee to be retained by the vehicle dealer.

- **EmissionInspectionFee** - Fee for emission inspection of vehicle as required by jurisdiction of where vehicle is registered.

- **AcquisitionFee** - The acquisition fee is charged to a customer at the inception of a lease contract.

- **Other** - Describes the type of product, but unable to determine what product is.

- **DispositionFee** - The disposition fee is charged when a customer turns in their lease vehicle and has paid all remaining payments.

- **TurnInFee** - The vehicle turn-in fee is charged when a customer turns in their lease vehicle and has paid all remaining payments.

- **UDriveItPermit** - The U Drive it permit is a fee paid for by the dealer on behalf of the customer when the vehicle is first registered with the state clerkâ##s office under the U-Drive-It program. It is based on the month of incorporation for the leasing company and the month the vehicle is registered.

- **SellPaidSmogFee** - This fee is charged by the Seller or other testing station. There is no legal minimum or maximum amount that may be charged for this fee.This fee is not charged on new vehicle

- **TemporaryTagFee** - Fee charged by licsensing state/jurisdiction for a temporary tag.

- **TransferFee** -

- **SmogExemptionDonationFee** - Fee for vehicles that do not qualify for regular smog fees where buyer still wants to donate a portion of funds.

- **LienFee** - Lien fees are those fees actually paid by the dealer to public officials for determining the existence of, or for perfecting or satisfying any lien related to the retail contract.

- **WeightFee** - Fee charged based on the weight of the vehicle, paid to public officials.

- **PostageFee** - Fee charged by the Seller for mailing of documents to public officials and financing company.

- **N/A** - Not Applicable

- **PurchaseOptionFee** - Fee charged by Financing Company to Buyer if Buyer opts to purchase vehicle at the end of the lease agreement.

- **MonthlyLocalFee** -

- **SPVFee** - State Patrol Motor Vehicle Title Fee

- **OnlineRegistrationFee** - Title fees are those fees actually paid by the dealer on behalf of the buyer to public officials for the registration of the vehicle being purchased related to the retail contract via the internet.

- **FloridaMVWEAFee** - Motor Vehicle Warranty Enforcement Act is a fee charged at the sale of a new vehicle and paid to the Department of Revenue.

- **ExemptionFee** -

- **LemonLawFeePaidToGovernmentAgency** - The fee is collected from the purchaser or lessee by a motor vehicle dealer at the time of sale or at the time of entry into a lease agreement for a motor vehicle and paid to public officials.

- **TerminationFee** - Amount customer would have to pay upon early termination of contract with the finance provider.

- **PublicSafetyFee** -

- **VehicleTheftRecoveryFee** -

- **RearEndDeterrentSafetyFee** -

- **NonFilingInsuranceFee** - Non filing insurance fee is property insurance utilized in connection with credit transactions in lieu of the actual recording, filing, or releasing of a security instrument or finance statement.

- **EnvironmentalProtectionFee** - Environmental protection fee is a fee imposed on the consumers to protect and clean up the environment. This fee can be applied to clean up of underground storage tank site studies and clean up as well as other environmental protections.

- **FreightFee** - Freight charges are the fee for hauling a vehicle to a dealership.

- **DealerProcessingFee** - Dealer processing charge.

- **VendorSingleInterestFee** - A fee charged by the Creditor to protect the creditor for loss or damage to the vehicle during the initial term of the contract.

- **AutoClubMembershipFee** - Fee for membership to auto club such as AAA.

- **DPSHandlingFee** - Fee for Louisiana. Department of Public Service Handling fee.

- **ElectronicFilingFee** - Electronic Filing Fee for online system filing.

- **ConvenienceFee** - Fee for Louisiana. Additional fee charged by the dealer.

- **PPSAFee** - Personal Property Security Act - Fee charged to customer for registration of the vehicle contract (VIN) with the Government.

- **AdministrationFee** - Fee charged for administration of records.

- **ERTFee** - State regulated electronic registration and titling fee.

- **GasFee** - State regulated gas fee.

- **TitlePrepFee** - Fee charged for preparation of title.

- **SupplementalTitleFee** - State regulated supplemental title fee.

- **GeorgiaMotorVehicleWarrantyRightsActFee** - Companies that sell or lease new motor vehicles to consumers have certain responsibilities under the law. Pursuant to the Georgia Motor Vehicle Warranty Rights Act [O.C.G.A. Section 10-1-789(a)], a fee of $3.00 shall be collected by every dealer, lessor or distributor from each consumer at the completion of the sale or lease of a new motor vehicle.

- **RoadandBridgeFee** - A fee on motor vehicle registrations to fund costs associated with road improvements. - Texas

- **MotorVehicleWarrantyTrustFundFee** - The $2 fee is collected by the motor vehicle dealer when a new motor vehicle is sold or leased for one year or more. The fee is reported and paid by the selling dealer to the county tax collector or private tag agency when the dealer applies for title. The fees are transferred monthly by the Florida Department of Revenue to the Department of Legal Affairs for deposit into the Motor Vehicle Warranty Trust Fund. - Florida

- **InspectionStickerFees** - A fee charged by the dealer for inspection purposes to protect unsafe vehicles from being operated on the road. The fee is used to inspect the vehicle ensuring it is mechanically sound and safe. - Mississippi

- **EmergencyMedicalServiceFees** - Fee charged for EMS services for all drivers. - Washington

- **Smog Abatement Fee** - The Smog Abatement Fee is the annual fee that must be paid upon registration renewal in lieu of the bi-annual smog inspection.

- **Greenhouse Gas Reduction** - A fee that is placed on the registration or renewal of a vehicle that uses fossil fuels for propulsion.

- **Rental Car Surcharge Fee** - Rental Car Surcharge is imposed upon a lease or rented motor vehicle

- **Messenger Fee** - Messenger Fee pass through charge by dealers to have an outside company provide a public service of delivering and obtaining documents to and from the Department of Motor Vehicle

- **Encumbrance Fee** - The Encumbrance Fee is charged to establish a claim against property. This fee is charged by the Dealer but handle by a third party.

- **Motor Vehicle Processing Fee** - States like New Jersey that charge the consumer a processing fee for the Motor Vehicle.

- **Title and Registration Processing Fee** - A fee charged to process the title and registration of a vehicle

- **DEQ Certification Fee** - Air and qualify certification fee.

- **DMV Fee** - Miscellaneous Department of Motor Vehicle Fees.

- **New Tag Fee** - A fee to obtain a new plate tag.

- **Duplicate of Registration Fee** - A fee to obtain a copy of an existing registration if lost, stolen, or destroyed.

- **Vehicle Theft Registration Fee** - A fee charged to register theft deterrent products.

- **Total Annual Fees** - Total of Annual Fees

- **Total Initial Fees** - Total of Initial Fees

- **Document Service Fee** - Fee charged to a buyer/lessee for the handling of documents and the performing of services related to the sale /lease and may include dealer profit.

- **Service and Handling Fee** - Fee charged to a buyer/lessee for the performing services and handling related to the closing of a sale /lease and may include dealer profit.

- **Delivery and Handling Fee** - Fee charged to a buyer/lessee for the handling related to the closing of a sale /lease and may include dealer profit.

- **Recording Fee** - Fee charged to a buyer/lessee for the recording of the title (part of the title fee that must be disclosed separately) and is related to the closing of a sale /lease.

- **Air Quality Fee** - Air Quality Fee

- **Lender and Member Fee** - Lender and Member Fee

- **Mobility Fee** - Fee paid to Texas Mobility Fund

- **Acquisition Fee Markup** - An amount added to the finance company Acquisition Fee that is retained by the dealer.

- **Courtesy Delivery Fee** - Fee for delivery of ordered vehicle(s) to multiple destinations.

- **Electronic Temp Tag Processing Fee** - Electronic temporary tag processing fee paid to a vendor (not the state).

- **Special Monthly Fee** - Finance source-specific monthly fee on a lease. This differs from "Monthly Local Fee" which is generally a monthly property tax that the vehicle owner (which is the lender in the case of a lease) passes on to the lessee. "Special Monthly Fee" is a fee that the lender collects and pays into a fund for a special purpose--for example, in New York, the fund is used to pay parking tickets that are by law the responsibility of the vehicle owner (the lender). Not all lenders handle this the same way, but those that do require that these two fees be accounted for differently.

B.1.62. FeeTypeContentType

This codelist is a combination of one or more code lists: FeeTypeEnumeratedType

B.1.63. FuelTypeEnumeratedType

- **diesel** - Diesel Fuel

- **premium unleaded** - Premium Unleaded Fuel

- **unleaded** - Unleaded Fuel

- **natural gas** - Natural Gas

- **electric** - Electric

- **ethanol** - Ethanol is an alternative automotive fuel derived from grain and corn; usually blended with gasoline to form gasohol.

- **propane** - Propane

- **hybrid** - Hybrid is a vehicle that uses two or more distinct power sources to propel the vehicle

- **Other** - Other

- **N/A** - Not Applicable

- **liquid propane gas** - Liquid Propane Gas or LPG is typically a mixture of propane and butane

- **dual fuel** - Dual Fuel indicates the engine is capable of running off two distinct, unmixed fuels (ie the boat can run off gas or diesel)

- **petrol** - petrol

B.1.64. FuelTypeContentType

This codelist is a combination of one or more code lists: FuelTypeEnumeratedType

B.1.65. GenderEnumeratedType

- **M** - Male

- **F** - Female

- **N** - Neuter

- **O** - Other

B.1.66. GenderContentType

This codelist is a combination of one or more code lists: GenderEnumeratedType

B.1.67. GeographicalConstraintTypeEnumeratedType

- **Country** - Geographical region by Country

- **State** - Geographical region by State

- **Province** - Geographical region by Province

- **ZipCode** - Geographical region by Zip Code

- **PostalCode** - Geographical region by Postal Code

B.1.68. GeographicalConstraintTypeContentType

This codelist is a combination of one or more code lists: GeographicalConstraintTypeEnumeratedType

B.1.69. HomeWorkEnumeratedType

- **Home** - Home

- **Work** - Work

- **Other** - Other

B.1.70. HomeWorkContentType

This codelist is a combination of one or more code lists: HomeWorkEnumeratedType

B.1.71. HouseholdIncomeRangeEnumeratedType

- **Less than $20,000** - Income less than $20,000

- **$20,000 - 34,999** - Income between $20,000 - $34,999

- **$35,000 - 49,999** - Income between $35,000 - $49,999

- **$50,000 - 74,999** - Income between $50,000 - $74,999

- **$75,000 - 99,999** - Income between "75,000 - $99,000

- **$100,000 - 124,999** - Income between $100,000 - $124,999

- **$125,000 or more** - Income of $125,000 or more

- **Other** - Other income range

- **N/A** - Not Applicable

B.1.72. HouseholdIncomeRangeContentType

This codelist is a combination of one or more code lists: HouseholdIncomeRangeEnumeratedType

B.1.73. IncomePeriodEnumeratedType

- **HR** - Hour

- **WK** - Week

- **BiWK** - Bi-Weekly

- **MO** - Monthly

- **YR** - Year

- **SmMO** - Semi-Monthly

- **SmAN** - Semi-Annually. Semi-Annually is twice per year

- **Q** - Quarterly. Quarterly is four times per year.

B.1.74. IncomePeriodContentType

This codelist is a combination of one or more code lists: IncomePeriodEnumeratedType

B.1.75. IndebtednessResponsibilityEnumeratedType

- **Buyer Paid** - Indicates that the buyer will pay the indebtedness on the trade in vehicle.

- **Seller Paid** - Indicates that the seller will pay the indebtedness on the trade in vehicle.

- **Other** - Other Indebtedness Responsibility value.

- **N/A** - Not Applicable.

B.1.76. IndebtednessResponsibilityContentType

This codelist is a combination of one or more code lists: IndebtednessResponsibilityEnumeratedType

B.1.77. InitiativeCategoryEnumeratedType

- **Customer** - Initiative applies to Customer category, e.g. First Time Buyer, etc.

- **Vehicle** - Initiative applies to Vehicle category.

B.1.78. InitiativeCategoryContentType

This codelist is a combination of one or more code lists: InitiativeCategoryEnumeratedType

B.1.79. InitiativeFinanceTypeEnumeratedType

- **Lease** - Initiative applies to lease deals only.

- **Finance** - Initiative applies to finance deals only.

B.1.80. InitiativeFinanceTypeContentType

This codelist is a combination of one or more code lists: InitiativeFinanceTypeEnumeratedType

B.1.81. InitiativeTypeEnumeratedType

- **Program** - Program-related initiative

- **Incentives** - Incentive-related initiative

- **N/A** - Not Applicalbe

- **Other** - Other

B.1.82. InitiativeTypeContentType

This codelist is a combination of one or more code lists: InitiativeTypeEnumeratedType

B.1.83. InsuranceDetailTypeEnumeratedType

- **Comprehensive** -

- **Collision** -

- **FireTheftCombinedAdditionalCoverage** -

- **TowingAndLabor** -

- **RentalReimbursement** -

- **Limited** -

- **LimitedCollision** -

- **SoundEquipment** -

- **Other** -

- **Liability** -

- **BodilyInjury** -

- **PropertyDamage** -

- **Medical** -

- **CollateralProtection** -

- **N/A** -

- **30DayElimination** - Credit Disability option indicating coverage is active 30 days after the disability occurred.

- **30DayRetroactive** - Credit Disability option indicating coverage is retroactive to the time the disability occurred.

B.1.84. InsuranceDetailTypeContentType

This codelist is a combination of one or more code lists: InsuranceDetailTypeEnumeratedType

B.1.85. InsuranceTypeEnumeratedType

- **Vehicle** -

- **Credit Life** -

- **Credit Disability** -

- **GAP** -

- **Mechanical Breakdown** -

- **Other** -

- **Involuntary Unemployment** -

- **Liability Coverage** -

- **Single Interest** -

- **Double Interest** -

- **Public Liability** -

- **Full Coverage** -

- **N/A** -

- **Debt Cancellation** - Debt Cancellation is a form of insurance. In Maryland, Debt Cancellation can be selected as well as GAP Insurance.

- **Excess Protection Wear and Tear** - Insurance purchased by customer to protect against mileage overage and incidental damage to the vehicle.

- **Etch** - A theft deterent device that is applied to a window or other portion of the vehicle.

- **Service Plan** - Service Plan. Certain states or regions require this to be displayed as insurance.

- **Tire and Wheel** - Tire and Wheel. Certain states or regions require this to be displayed as insurance.

- **Warranty** - Warranty. Certain states or regions require this to be displayed as insurance.

B.1.86. InsuranceTypeContentType

This codelist is a combination of one or more code lists: InsuranceTypeEnumeratedType

B.1.87. InventoryTypeEnumeratedType

- **Full** - Full inventory transmission

- **Incremental** - Incremental inventory transmission

- **Daily** - End of Day Net Changes

- **Historical** - Sales History

B.1.88. InventoryTypeContentType

This codelist is a combination of one or more code lists: InventoryTypeEnumeratedType

B.1.89. InvoiceShipmentEnumeratedType

- **Credit** -

- **History** -

- **Retail** -

- **Return** -

- **Wholesale** -

- **Shipment** -

- **Other** -

B.1.90. InvoiceShipmentContentType

This codelist is a combination of one or more code lists: InvoiceShipmentEnumeratedType

B.1.91. LeadIndustryTypeEnumeratedType

- **Automotive** - Automotive

- **Boats** - Boats

- **Motorcycles** - Motorcycles

- **RVs** - RVs

- **Marine Engines** - Marine Engines

- **PWC** - PWC

- **Snowmobiles** - Snowmobiles

- **Trailers** - Trailers

- **ATVs** - ATVs

- **Scooters** - Scooters

B.1.92. LeadIndustryTypeContentType

This codelist is a combination of one or more code lists: LeadIndustryTypeEnumeratedType

B.1.93. LeadInterestEnumeratedType

- **C** - Cash

- **B** - Buy

- **F** - Finance

- **L** - Lease

- **S** - Sell

- **T** - Trade

- **Other** - Other

B.1.94. LeadInterestContentType

This codelist is a combination of one or more code lists: LeadInterestEnumeratedType

B.1.95. LeadTypeEnumeratedType

- **I** - Individual

- **B** - Business

- **Other** - Other

B.1.96. LeadTypeContentType

This codelist is a combination of one or more code lists: LeadTypeEnumeratedType

B.1.97. LineStateTypeEnumeratedType

- **Hold** - Hold identifies the fact the part on the subject line has been put on hold.

- **Submitted** - Submitted identifies the fact the part on the subject line has been submitted.

- **Rejected** - Rejected identifies the fact the part on the subject line has been rejected

- **Back Ordered** - Back Ordered identifies the fact the part on the subject line is on back order.

- **Allocated** - Allocated identifies the fact the part on the subject line has been allocated.

- **Cancelled** - Cancelled identifies the fact the order for the part on the subject line has been cancelled

- **Pick List Printed** - Pick List Printed identifies the fact the pick list for the subject line has been printed.

- **Shipped** - Shipped identifies the fact the part on the subject line has been shipped

- **Other** - Other Line State

- **N/A** - Not Applicable

- **Referral** - Referral identifies the fact the part on the subject line has been referred to another supplier and will not be reported on through this parts order going forward. The Primary Supplier is giving a referral to another Supplier for this particular line. It is similar to canceling a line. The Primary Supplier will not report on this line any further with this order. The Dealer will still receive the part, however it will be a different Supplier providing the part.

- **Invoiced** - Invoiced

- **Completed** - Completed

- **Partially Invoiced** - Partially invoiced

- **Partially Shipped** - Partially shipped

B.1.98. LineStateTypeContentType

This codelist is a combination of one or more code lists: LineStateTypeEnumeratedType

B.1.99. MaritalStatusEnumeratedType

- **M** - Married

- **U** - Unmarried

- **S** - Separated

- **O** - Other

B.1.100. MaritalStatusContentType

This codelist is a combination of one or more code lists: MaritalStatusEnumeratedType

B.1.101. MessageReasonCodeEnumeratedType

- **Success** - The operation completed successfully. This does not necessarily mean that the BOD was processed. Instead it means that the client's role is done and that it won't receive any error messages later. Type of Response Code: Success.

- **Accepted** - The BOD was received, validated, and accepted. However, it may not have yet been processed. The client should expect to receive a response once process is complete. If no response will be generated, use the "Success" code instead. This is typically used for batch processing. Type of Response Code: Success.

- **Received** - The BOD was received. However, it has not yet been validated or processed yet. The client may receive a response or a ConfirmBOD at a later time. Type of Response Code: Success.

- **Other** - An unspecified outcome status. The accompanying description array contains the actual text to display to the user. Type of Response Code: Error, Warning.

- **Duplicate Document** - This code refers to a document that already exists. This may happen for a BOD such as ProcessPartsOrder where the document identifiers to another existing parts order from the same dealer. Type of Response Code: Error, Warning.

- **Invalid Required Value** - One or more required data elements have invalid values. Type of Response Code: Error.

- **Invalid Optional Value** - One or more optional data elements have invalid values. Type of Response Code: Warning.

- **Already Performed** - This code refers to an operation that has already been performed on a document. This may happen for a BOD such as CancelPartsOrder where the document identifier refer to a parts order that has already been cancelled. Type of Response Code: Error.

- **Cannot Perform** - This code refers to an operation that cannot be performed such as Change or Cancel based on the receiver's business rules and the condition of the document. For example, the part order has already been shipped therefore the order cannot be cancelled. Type of Response Code: Error.

- **Required Field Missing** - This occurs when one or more required fields are missing. Type of Response Code: Error.

- **Optional Field Missing** - This occurs when one or more optional fields are missing. Type of Response Code: Warning.

- **Not Permitted** - This code occurs when the client attempts to perform an operation that is not permitted. An example of when this may occur is if the dealer attempts to order a part when their account is placed on hold. This is to be used for authorization errors. Type of Response Code: Error.

- **Server Error** - An error (e.g. database server is down) on the server prevented the execution of the BOD. The client will have to resend the BOD at a later time. Type of Response Code: Error.

- **BOD Not Supported** - The received BOD or BOD version is not supported b the receiver. Type of Response Code: Error.

- **Invalid Structure** - The structure of the BOD is not valid. For example, the BOD failed schema validation. Type of Response Code: Error.

B.1.102. MessageReasonCodeContentType

This codelist is a combination of one or more code lists: MessageReasonCodeEnumeratedType

B.1.103. MileageMeasureEnumeratedType

- **M** - Miles

- **K** - Kilometers

B.1.104. MileageMeasureContentType

This codelist is a combination of one or more code lists: MileageMeasureEnumeratedType

B.1.105. OptionPricingTypeEnumeratedType

- **Retail** - Amount typically sold for to a retail customer (dealer to consumer, or consumer to consumer transactions).

- **Loan** - Amount lenders typically loan on the listed vehicle.

- **Trade-In** - Amount allowed by dealers on a trade.

B.1.106. OptionPricingTypeContentType

This codelist is a combination of one or more code lists: OptionPricingTypeEnumeratedType

B.1.107. OrderStateTypeEnumeratedType

- **Hold** - The supplier should not process this order.

- **Submitted** - The order is submitted from the dealer to the supplier.

- **Rejected** - The order was rejected for some reason.

- **Pending Processing** - The supplier has the order, has successfully parsed the order, but has not submitted the order to back end systems for processing.

- **Credit Hold** - The order is on hold until credit is determined to be satisfactory for the order to complete.

- **Cancelled** - The order in its entirety is cancelled.

- **Allocated** - Parts for one or more order Lines have been reserved for the order.

- **Released** - One or more Lines have been released to the warehouse for fulfillment.

- **Complete** - All Lines are either Shipped, Cancelled, Referral, or Rejected.

- **Other** - Other Order State not specified in enumerated list.

- **N/A** - Not Applicable

- **Created** - Created

- **Confirmed** - Confirmed

- **Updated** - Updated

- **Payment Terms Updated** - Payment terms updated

- **Released to Production** - Released to Production

- **Production Started** - Production started

- **Production Finished** - Production finished

- **Shipped** - Shipped

- **Vehicle Identifier Assigned** - Vehicle identifier assigned

B.1.108. OrderStateTypeContentType

This codelist is a combination of one or more code lists: OrderStateTypeEnumeratedType

B.1.109. OrderTypeEnumeratedType

- **STK** - Stock. A stock order is an order generated by Dealer.

- **VOR** - Vehicle Off Road

- **DPO** - Daily. Suggested or automated order replenishment is generated daily by OEM. Suggested Orders are to be made using the Proposed verb. ASR orders are to be made using the Notify verb.

- **EMG** - Emergency. An emergency order is an order generated by the Dealer where the Dealer is responsible for the freight costs and the order is expected to ship immediately (same day/time depending on the OEM policy).

- **SUP** - Supplemental. A supplemental order is an order generated by the Dealer as an extra buy, e.g., a Dealer may want to have extra quantities of a particular part. This is for replenishment of items on the shelf.

- **PRO** - Promotional. A promotional order is an order generated by a Dealer. In this case the Dealer will use a promotional code received at a trade show or advertisement when placing the order in order to receive a special rate.

- **SOL** - Solicited. A solicited order is an order generated by the Dealer for a direct ship from a Supplier directly to the Dealer.

- **VPI** - Vehicle Off Road Parts Inquiry

- **WKL** - Weekly. A weekly order is an order replenishment this generated by Dealer on specific days (e.g., Order replenishment generated on Tuesdays).

- **WKE** - Weekend. An order that could be processed over the weekend.

- **INT** - Interim

- **EXP** - Export

- **DSS** - Dropship Stock

- **DVR** - Dropship Vehicle Off Road

- **LAK** - Lock and Key

- **WCL** - Will Call

- **RRR** - Return Request w/ Reference

- **RWR** - Return without Reference

- **CRR** - Credit Request with Reference

- **CWR** - Credit Request without Reference

- **DRR** - Debit Request with Reference

- **DWR** - Debit Request without Reference

- **RUS** - Rush

- **URG** - Urgent. An urgent order is a critical order where the Dealer will pay for expediting of the order, e.g., for example the OEM will find the part even if it is indicated as a back ordered item. This is different from an emergency order due to the additional expediting process.

- **OTH** - Other. Other Order Type not identified on the enumerated list. May be predetermined by a Dealer configuration.

- **N/A** - Not Applicable

- **HLD** - Hold

- **DTG** - Dating

- **CUS** - Customer. A basic customer order placed at the dealership, (e.g., a particular radio). The order generated by a Dealer.

- **PPI** - Part Price Inquiry

- **HOL** - Order to be processed on Holidays

- **LDO** - Large Dealer Order (Confirms order was not placed in error)

- **SVC** - Service Vehicle Campaign

- **TOS** - Transient Owner Service

- **MAN** - Manual Order

- **CSC** - Customer Special Care

- **ASR** - Automatic Stock Replenishment

- **SPC** - Special Customer Care

- **FCO** - Free of Charge Order

- **INI** - Initial Orders (e.g. for a new model)

- **REP** - Replenishment Orders

- **WRO** - Warranty Rush Order

- **YOLR** - Late Rush Order

- **YPMP** - Production Memo Parts

- **YWAR** - Warranty Order

- **YOR** - YOR Stock

- **YVOR** - YVOR Rush

- **YMAS** - YMAS Mass

- **YOCV** - YOCV Campaign

- **ZPLO** - ZPLO PMP Stock

- **ZCAM** - ZCAM Campaign

- **ZPRO** - ZPRO Promotion Order

- **EOS** - Extended Offer Stock order

- **EOD** - Extended Offer Day order

B.1.110. OrderTypeContentType

This codelist is a combination of one or more code lists: OrderTypeEnumeratedType

B.1.111. OwnedTypeEnumeratedType

- **Current** - Vehicle information related to the current vehicle

- **Previous** - Vehicle information related to the previous vehicle

- **Household** - Vehicle information related to the household vehicle

- **Other** - Other type of vehicle information

B.1.112. OwnedTypeContentType

This codelist is a combination of one or more code lists: OwnedTypeEnumeratedType

B.1.113. PartsShipmentLineBoxingTypeEnumeratedType

- **Line Boxing Detail** - Each line is associated with a specific box in the shipment. This provides a complete picture of what part is contained in which box.

- **Line Boxing Aggregate** - Lines and Boxing data is available, however there is no detail as to which parts are contained in which boxes. The line data is aggregate.

- **Line Aggregate** - There is no boxing detail provided and the line data is in aggregate for the shipment.

B.1.114. PartsShipmentLineBoxingTypeContentType

This codelist is a combination of one or more code lists: PartsShipmentLineBoxingTypeEnumeratedType

B.1.115. PartTypeEnumeratedType

- **H** - Manufacturer Part Code

- **P** - Part Number

B.1.116. PartTypeContentType

This codelist is a combination of one or more code lists: PartTypeEnumeratedType

B.1.117. PartSaleTypeEnumeratedType

- **RS** - Repair Order Sale

- **RL** - Repair Order Lost Sale

- **CS** - Counter Ticket Sale

- **CL** - Counter Ticket Lost Sale

- **SS** - Service Appointment Sale

- **AS** - All Sales

- **AL** - All Lost Sales

B.1.118. PartSaleTypeContentType

This codelist is a combination of one or more code lists: PartSaleTypeEnumeratedType

B.1.119. PartyTypeEnumeratedType

- **Supplier** - OEM or aftermarket distributor

- **Dealer** - Dealer

- **Other** - Other Party Type

- **N/A** - Not Applicable

B.1.120. PartyTypeContentType

This codelist is a combination of one or more code lists: PartyTypeEnumeratedType

B.1.121. PaymentMethodEnumeratedType

- **Terms** - Indicates that payment terms are provided.

- **COD** - Cash On Delivery

- **Due On Receipt** - Payment is due upon receipt of invoice.

- **Credit Card** - Indicates that a credit card will be used as the method of payment.

- **Check** - Indicates that a check will be used as the method of payment.

- **EFT** - Electronic funds transfer.

- **Payroll Deduction** - Indicates that a payment will be via deduction of an individual's payroll.

- **Cash** - Indicates that cash will be used as the method of payment.

- **Finance** - The payment has been included in the financing of the contract.

- **Other** - Other type of payment method.

- **N/A** - Payment method not applicable.

- **Exchange** - Indicates the dealers intent to return parts in exchange for the monetary value of the order.

B.1.122. PaymentMethodContentType

This codelist is a combination of one or more code lists: PaymentMethodEnumeratedType

B.1.123. PayrollFrequencyEnumeratedType

- **HR** - Hour

- **WK** - Week

- **BiWK** - Bi-Weekly

- **MO** - Month

- **YR** - Year

- **SmMO** - Semi-Monthly

B.1.124. PayrollFrequencyContentType

This codelist is a combination of one or more code lists: PayrollFrequencyEnumeratedType

B.1.125. PlanOptionTypeEnumeratedType

- **Optional** - Optional Plan

- **Mandatory** - Mandatory Plan

- **Standard** - Standard Plan

B.1.126. PlanOptionTypeContentType

This codelist is a combination of one or more code lists: PlanOptionTypeEnumeratedType

B.1.127. OriginalContactMethodContentType

This codelist is a combination of one or more code lists: OriginalContactMethodEnumeratedType

B.1.128. OriginalContactMethodEnumeratedType

- **Internet Channel** - Internet Channel

- **Showroom Walk-In** - Showroom Walk-In

- **Event/Trade Fair** - Event/Trade Fair

- **Service Walk-In** - Service Walk-In

- **Appointment at Customer** - Appointment at Customer

B.1.129. PreferredContactMethodEnumeratedType

- **Day Phone** - Day Phone

- **Evening Phone** - Evening Phone

- **Cell Phone** - Cell Phone

- **Work Fax** - Work Fax

- **Home Fax** - Home Fax

- **Pager** - Pager

- **Work Email** - Work Email

- **Home Email** - Home Email

- **US Mail** - US Mail

- **Text** - SMS Text

- **WhatsApp** - WhatsApp

- **IM** - Instant Messaging

- **Other** - Other

- **N/A** - Not Applicable

B.1.130. PreferredContactMethodContentType

This codelist is a combination of one or more code lists: PreferredContactMethodEnumeratedType

B.1.131. PreferredContactMethodOrganizationEnumeratedType

- **Day Phone** - Day Phone

- **Cell Phone** - Cell Phone

- **Work Fax** - Work Fax

- **Pager** - Pager

- **Work Email** - Work Email

- **US Mail** - US Mail

- **Other** - Other

B.1.132. PreferredContactMethodOrganizationContentType

This codelist is a combination of one or more code lists: PreferredContactMethodOrganizationEnumeratedType

B.1.133. PriceTypeEnumeratedType

- **Job** -

- **Labor** -

- **Parts** -

- **Sublet** -

- **Miscellaneous** -

- **GasOilGrease** -

- **PaintMaterials** -

- **ShopSupplies** -

- **Freight** -

- **Claim** -

- **SubletLabor** -

- **SubletParts** -

- **ReturnCore** -

- **Customer** -

- **Internal** -

- **RentLoaner** -

- **Return** -

- **Splits** -

- **Total** -

- **Other** -

- **PackAmount** -

- **HoldBackAmount** -

B.1.134. PriceTypeContentType

This codelist is a combination of one or more code lists: PriceTypeEnumeratedType

B.1.135. RebateTypeEnumeratedType

- **Manufacturer** - Manufacturer Rebate

- **Dealer** - Dealer Rebate

- **Third Party** - Third Party Rebate

B.1.136. RebateTypeContentType

This codelist is a combination of one or more code lists: RebateTypeEnumeratedType

B.1.137. RelativeToEnumeratedType

- **invoice** - Price relative to invoice

- **msrp** - Price relative to msrp

- **other** - Price relative to other

B.1.138. RelativeToContentType

This codelist is a combination of one or more code lists: RelativeToEnumeratedType

B.1.139. RequestEnumeratedType

- **Complete** - Send all of the data.

- **Changes** - Send the data that has changed.

B.1.140. RequestContentType

This codelist is a combination of one or more code lists: RequestEnumeratedType

B.1.141. RequestedSearchCriteriaTypeEnumeratedType

- **Dealer** - Searching dealers

- **Supplier** - Searching suppliers

- **Dealer And Supplier** - Searching dealers and suppliers

- **Other** - Other search criteria type

- **N/A** - Not Applicable

- **Dealer Radius** - Powersports will be able to search by: Supplier, Dealers, and Dealers by Provided Radius. So we need a new enumerated value to support the DealerRadius selection type of search.

B.1.142. RequestedSearchCriteriaTypeContentType

This codelist is a combination of one or more code lists: RequestedSearchCriteriaTypeEnumeratedType

B.1.143. RequiredOptionEnumeratedType

- **Regional** - The Option is required based on regional requirements

- **Government** - The Option is required based on governmental requirements

- **Other** - Other

B.1.144. RequiredOptionContentType

This codelist is a combination of one or more code lists: RequiredOptionEnumeratedType

B.1.145. SaleClassEnumeratedType

- **New** - Never owned.

- **Used** - Previously Owned

- **Demo** - Demonstration item.

- **Other** - Other

- **N/A** - Not Applicable

- **Floor Sample** - This is a vehicle that is provided in the showroom as an example.

- **Factory** - Identifies that the vehicle may have been used as a product demonstration for an official or executive from the manufacturer.

- **Non-Current** - Brand new item but not the current year.

- **Scratch and Dent** - New item but has defects.

- **Trade In** - Used item but traded in.

- **Purchase** - Indicates the vehicle is to be purchased or has been purchased.

- **Lease** - Indicates the vehicle is to be leased or has been leased.

- **Current Model** - Indicates that the data is a "spec" for a current year boat Model, i.e. not an actual boat

- **Non Current Model** - Indicates that the data is a "spec" for a non current year boat Model, i.e. not an actual boat

- **Certified Pre-Owned** - Certified Pre-Owned

B.1.146. SaleClassContentType

This codelist is a combination of one or more code lists: SaleClassEnumeratedType

B.1.147. TypeSalesEnumeratedType

- **01** - Purchase – Individual

- **02** - Purchase – Retail TMS SPP

- **03** - Purchase – Business

- **04** - Lease – Business

- **05** - Lease – Individual

- **06** - Rental

- **07** - Sold for Resale

B.1.148. TypeSalesContentType

This codelist is a combination of one or more code lists: TypeSalesEnumeratedType

B.1.149. SearchCriteriaEnumeratedType

- **A** - All Dealers

- **D** - Specific Dealers

- **I** - District Dealers

- **Z** - Zone

- **O** - Other

B.1.150. SearchCriteriaContentType

This codelist is a combination of one or more code lists: SearchCriteriaEnumeratedType

B.1.151. ServiceTypeEnumeratedType

- **Warranty** - Service performed under warranty

- **Customer Pay** - Service performed under customer pay

- **Internal Pay** - Service performed under internal pay

B.1.152. ServiceTypeContentType

This codelist is a combination of one or more code lists: ServiceTypeEnumeratedType

B.1.153. SettlementTypeEnumeratedType

- **EFT** - Electronic Funds Transfer

- **Check** - Check

- **Parts Credit** - Parts Credit

- **Other** - Other

B.1.154. SettlementTypeContentType

This codelist is a combination of one or more code lists: SettlementTypeEnumeratedType

B.1.155. ShipmentCarrierEnumeratedType

- **FED** - Fedex

- **ACT** - Air Contact Transport

- **DAN** - Danzas

- **YFT** - Yellow Freight

- **UPS** - UPS

- **MTC** - Motor Cargo

- **AVE** - Averitt

- **CHO** - Chopper

- **COM** - Command

- **OTH** - Other

- **N/A** - Not Applicable

- **USPS** - United States Postal Service

- **DHL** - DHL

- **CON** - California Overnight

- **Burl** - Burlington Ontario

- **7ALQ Alliance Shipping** - 7ALQ Alliance Shipping

- **Roadway Express** - Roadway Express

- **Parker Motor Freight** - Parker Motor Freight

B.1.156. ShipmentCarrierContentType

This codelist is a combination of one or more code lists: ShipmentCarrierEnumeratedType

B.1.157. ShipPriorityEnumeratedType

- **Air Delivery** -

- **2nd Day Delivery** -

- **Saturday Delivery** -

- **Next Day Delivery by Air** -

- **Surface By Noon Delivery** -

- **Surface 12-3pm Delivery** -

- **Surface 3-5pm Delivery** -

- **Pickup Noon** -

- **Pickup 12-3pm** -

- **Pickup 3-5pm** -

- **Next Day Delivery** -

- **Surface** -

- **Will Call** -

- **Air Freight Collect** -

- **Fastest Way** -

- **Best Surface** -

- **Other** -

- **N/A** -

- **Prearranged Shipping Terms** -

- **Next Day AM** -

- **Next Day PM** -

- **Second Day AM** -

- **Second Day PM** -

- **Third Day** -

- **Next Day Saturday** -

- **Air Deferred** -

- **Ship The Best Way** -

B.1.158. ShipPriorityContentType

This codelist is a combination of one or more code lists: ShipPriorityEnumeratedType

B.1.159. SplitsTypeEnumeratedType

- **Job** - Split in the charge of vehicle service related to the Job

- **Labor** - Split in the charge of vehicle service related to the Labor

- **Parts** - Split in the charge of vehicle service related to the Parts

- **Sublet** - Split in the charge of vehicle service related to the Sublet

- **Miscellaneous** - Split in the charge of vehicle service related to a miscellaneous charge.

- **GasOilGrease** - Split in the charge of vehicle service related to Gas, Oil and Grease

- **PaintMaterials** - Split in the charge of vehicle service related to Paint Materials

- **ShopSupplies** - Split in the charge of vehicle service related to Shop Supplies

- **Freight** - Split in the charge of vehicle service related to Freight

- **Total** - Split in the charge of vehicle service related to the Total of a particular charge, i.e. Total Job Split Adjustment

- **Other** -

- **LaborApproved** - Labor Approved

- **LaborRejected** - Labor Rejected

- **PartsApproved** - Parts Approved

- **PartsRejected** - Parts Rejected

- **OtherApproved** - Other Approved

- **OtherRejected** - Other Rejected

- **TravelApproved** - Travel Approved

- **TravelRejected** - Travel Rejected

B.1.160. SplitsTypeContentType

This codelist is a combination of one or more code lists: SplitsTypeEnumeratedType

B.1.161. StatusCodeEnumeratedType

- **Success** - The operation was successful.

- **Unspecified** - An unspecified error occurred. The StatusText field contains the complete text.

- **Not In Inventory** - Inventory is not currently available and back ordering was not requested.

- **Discontinued** - The part has discontinued.

- **Invalid Part** - Invalid part number.

- **Not Yet Available** - The part is scheduled for a future release date and is not available at this time.

- **Not Authorized** - The part is not authorized for your product line.

- **Under Development** - The part is under development and not ready for sale.

- **Assembly Only** - The part is a component part and is only available as an assembly.

- **Component Only** - The part is an assembly part and is only available as a component.

- **Internal Use Only** - The part is reserved for manufacturing and supplier internal use; it is not a service replacement part.

- **Recalled** - The part has been recalled.

- **Cannot Sell** - The part is not available for sale for an unspecified reason. For example, part is only available for government procurement.

- **Export Only** - The part is not available for sale in the United States; it is for export vehicles only.

- **Credit Limit Exceeded** - Credit limit exceeded.

- **Credit Card Denied** - Credit card transaction denied by creditor.

- **Account On Hold** - The dealer's account has been put on hold.

- **Invalid Unit Of Measure** - The unit of measurement was invalid for this part number.

- **Invalid Promotion Code** - The promotion code is invalid.

- **Invalid Shipping Method** - The shipping method is invalid, for example, shipping by ground to Puerto Rico.

- **Duplicate Line Number** - The line number is the same as another line within this transaction.

- **No Drop Shipment** - Drop shipments are not allowed.

- **No Will Call** - Will-call pickups are not allowed.

- **Minimum Quantity Not Met** - There is a minimum quantity purchase requirement for this part and the quantity has not been met. The minimum quantity is: NN

- **Other** - Other

- **N/A** - Not applicable.

- **Invalid Dealer ID** - Dealer Identification submitted could not be validated.

- **Invalid Fleet Account** - Fleet account number submitted could not be validated.

- **Invalid Price As Of Date** - Submitted Price As Of Date not valid

- **Price Not Found** - A price for a valid part number submitted could not be found.

- **Use Suggested Retail Price** - Retail Price exceeds contracted price.

- **Use Retail Price** - The retail price is less than or equal to the contracted price. Use the Retail Price.

- **Use Submitted Price** - The dealer is allowed to use its Retail price which it sent. This price may differ from the price that the OEM has.

- **Non-Stock** - An item that is not kept on hand that is ordered from the vendor when requested.

- **Duplicate Claim** - A duplicate claim was submitted.

- **Backorder Available** - Backorder of this part is available.

- **Package Only** - This part is available in packages only

- **Open** - Open

- **Closed** - Closed

- **Invoiced** - Invoiced

- **Cancelled** - Cancelled

B.1.162. StatusCodeContentType

This codelist is a combination of one or more code lists: StatusCodeEnumeratedType

B.1.163. StatusTypeEnumeratedType

- **Success** - The operation was successful.

- **Error** - The operation resulted in error and did not succeed.

- **Warning** - The operation completed a warning.

- **Informational** - The provided StatusText is informational.

- **Other** - Other

- **N/A** - N/A

B.1.164. StatusTypeContentType

This codelist is a combination of one or more code lists: StatusTypeEnumeratedType

B.1.165. TaxTypeEnumeratedType

- **Total** -

- **Amount** -

- **Labor** -

- **Parts** -

- **Claim** -

- **Dealer** -

- **Deductible** -

- **Prorated** -

- **Other** -

- **Luxury** -

- **Vehicle Inventory** -

- **Taxes Not In Cash Price** -

- **Document Stamp** -

- **Sales** -

- **Tire** -

- **Personal Property** -

- **Registration** -

- **Monthly/Use** -

- **Weight** -

- **Adjustment** -

- **DownPayment** -

- **CapCostReduction** -

- **Lieu** -

- **CurrentYear** -

- **N/A** -

- **LocalOption** - Tennessee Tax - combination of city and county.

- **SingleArticle** - Tennessee Tax - State Tax

- **Gas** - Gas tax levied to applicable vehicles or by state/province law. (Referred to in US as "Gas Guzzler" tax).

- **Total Monthly/Use** - The total amount of monthly use tax for a payment on a contract.

- **Service Contract** - Tax charged on service contracts (where applicable).

- **Adjusted Sales** - Adjusted sales tax due to tax modifications when capitalized (i.e. NY)

- **Total Sales/Use** - The total amount of sales/use tax for a single payment contract.

- **Air Conditioning Excise** - Provincal tax providing for the installation or removal of freon. (Canada)

- **Purchase and Use** - A type of tax that is assessed upon "tax free" tangible personal property purchased by a resident of the assessing state for use, storage or consumption of goods in that state (not for resale), regardless of where the purchase took place. The tax is a one time retail tax due at registration or titling of a vehicle.

- **County Tax** - A county tax charged based on the location of the dealer and the customer. An example, The Cook County Tax.

- **General Excise** - This is a general excise tax that a state or region could impose.

- **Gross Receipt** - A gross receipts tax, sometimes referred to as a gross excise tax, is a tax on the total gross revenues of a company, regardless of their source.

- **Tax on Trade-In** - Tax due on a Trade-In vehicle.

- **Tax on Upfront Fees** - Total tax due on fees paid upfront.

- **Tax on Acquisition Fee** - Tax due on amount of acquisition fee.

- **Muncipal Hazard and Special Waste** - A Tax that the seller of record must pay to a governmental body and will pass the tax on to its customers.

- **Environmental Tax** - Environmental Levy / Tax

- **Motor Vehicle Tax** - Tax paid at of registration based on the vehicle's age and MSRP.

- **Wheel Tax** - A tax levied by cities and villages to be credited to a road fund of the city or village.

- **GOG Tax** -

- **Misc Materials Tax** -

- **Paint Materials Tax** -

- **Shop Supplies Tax** -

- **Freight Tax** -

- **VAT** - VAT

- **AdditionalVAT1** - Additional VAT1

- **AdditionalVAT2** - Additional VAT2

- **AdditionalVAT3** - Additional VAT3

- **AdditionalVAT4** - Additional VAT4

- **AdditionalVAT5** - Additional VAT5

- **Cess1** - Cess1

- **Cess2** - Cess2

- **ExciseDuty** - ExciseDuty

B.1.166. TaxTypeContentType

This codelist is a combination of one or more code lists: TaxTypeEnumeratedType

B.1.167. TaxTypeIdEnumeratedType

- **CS** - City

- **CP** - County

- **ST** - State

- **OT** - Other

- **EX** - Excise

- **VAT** - Value Added

- **PST** - Provincial Sales Tax

- **RT** - Rental

- **GST** - Goods and Services Tax

- **HST** - Harmonized Tax

- **ART** - Air Tax

- **QST** - Quebec Sales Tax

- **IMP** - Import Tax

B.1.168. TaxTypeIdContentType

This codelist is a combination of one or more code lists: TaxTypeIdEnumeratedType

B.1.169. TermLengthEnumeratedType

- **Months** - Months

- **Weeks** - Weeks

- **Years** - Years

B.1.170. TermLengthContentType

This codelist is a combination of one or more code lists: TermLengthEnumeratedType

B.1.171. TransactionTypeEnumeratedType

- **Initial** - Initial transaction

- **Update** - Update transaction

- **Delete** - Delete transaction

- **Cancel** - Cancel transaction

B.1.172. TransactionTypeContentType

This codelist is a combination of one or more code lists: TransactionTypeEnumeratedType

B.1.173. TransferFrequencyEnumeratedType

- **HR** - Hour

- **WK** - Week

- **BiWK** - Bi-weekly

- **MO** - Month

- **YR** - Year

- **SmMO** - Semi-Monthly

B.1.174. TransferFrequencyContentType

This codelist is a combination of one or more code lists: TransferFrequencyEnumeratedType

B.1.175. TransmissionTypeEnumeratedType

- **3** - 3 Speed

- **4** - 4 Speed

- **5** - 5 Speed

- **6** - 6 Speed

- **A** - Automatic

- **Automatic 3** - Automatic 3 speed transmission type

- **Automatic 4** - Automatic 4 speed transmission type

- **Automatic 5** - Automatic 5 speed transmission type

- **Automatic 6** - Automatic 6 speed transmission type

- **Automatic 7** - Automatic 7 speed transmission type

- **7** - 7 Speed

- **CVT Automatic 3** - Continuously Variable T ransmission Automatic 3 speed transmission type (natural gas and hybrid).

- **CVT Automatic 4** - Continuously Variable T ransmission Automatic 4 speed transmission type (natural gas and hybrid).

- **CVT Automatic 5** - Continuously Variable T ransmission Automatic 5 speed transmission type (natural gas and hybrid).

- **CVT Automatic 6** - Continuously Variable T ransmission Automatic 6 speed transmission type (natural gas and hybrid).

- **CVT Automatic 7** - Continuously Variable T ransmission Automatic 7 speed transmission type (natural gas and hybrid).

- **Manual** - Manual Transmission

B.1.176. TransmissionTypeContentType

This codelist is a combination of one or more code lists: TransmissionTypeEnumeratedType

B.1.177. UOMEnumeratedType

- **ea** - Each

- **bx** - Box

- **case** - Case

- **ctn** - Carton

- **gal** - Gallon

- **qt** - Quart

- **pt** - Pint

- **ft** - Foot

- **yd** - Yard

- **in** - Inch

- **L** - Liter

- **m** - meter

- **cm** - centimeter

- **kg** - Kilogram

- **g** - Gram

- **other** - Other

- **tn** - Ton

- **km** - kilometers

- **mi** - miles

- **hp** - horsepower

- **kw** - kilowatt

- **pound** - pound

- **pk** - pack

- **pr** - pair

- **rl** - roll

- **bt** - bottle

- **cs** - crate

- **h** - hour

- **set** - set

- **can** - canister

- **pc** - piece

- **tb** - tube

B.1.178. UOMContentType

This codelist is a combination of one or more code lists: UOMEnumeratedType

B.1.179. UrgentSearchMessageCodeEnumeratedType

- **A** - All Dealers

- **D** - To District Dealers

- **N** - No Do Not Send

- **Z** - To Zone Dealers

- **O** - Other

B.1.180. UrgentSearchMessageCodeContentType

This codelist is a combination of one or more code lists: UrgentSearchMessageCodeEnumeratedType

B.1.181. ValidationResultsEnumeratedType

- **Passed** - Credit contract passed validation

- **Failed** - Credit contract failed validation

- **Other** - Other

- **N/A** - Not Application

- **Warning** - Credit contract validation produced a warning

B.1.182. ValidationResultsContentType

This codelist is a combination of one or more code lists: ValidationResultsEnumeratedType

B.1.183. VehicleClassEnumeratedType

- **passenger** - Passenger

- **minivan** - Minivan

- **pickup** - Pickup

- **fullsizevan** - Full size van

- **sportutil** - Sport utility vehicle

- **motorcycle** - Motorcycle

- **rv** - RV

- **atv** - ATV

- **boats** - Boats

- **snowmobile** - Snowmobile

- **heavy truck** - Heavy truck

- **medium duty** - Medium duty

- **truck** - Truck

- **sedans** - Sedans

- **Other** - Other

- **N/A** - Not Applicable

- **watercraft** - Watercraft

- **outboardengine** - Outboard Engine

- **sidebyside** - Side by side

B.1.184. VehicleClassContentType

This codelist is a combination of one or more code lists: VehicleClassEnumeratedType

B.1.185. VehicleOwnerTypeEnumeratedType

- **Individual Applicant** - Represents the individual applicant is the owner of the vehicle

- **Co-Applicant** - Represents the co-applicant is the owner of the vehicle.

- **Joint** - Represents that both individual applicant and co-applicant is the owner of the vehicle.

- **Other** - Other Indebtedness Vehicle Ownership value.

- **N/A** - Not Applicable.

B.1.186. VehicleOwnerTypeContentType

This codelist is a combination of one or more code lists: VehicleOwnerTypeEnumeratedType

B.1.187. VehiclePricingTypeEnumeratedType

- **MSRP** -

- **Hold Back** -

- **Destination/Handling** -

- **Group Fund Price** -

- **Wholesale Price** -

- **Wholesale Cost** -

- **Actual Cash Value** -

- **Employee** -

- **Invoice** -

- **Sale Price** -

- **Final MSRP** -

- **Base MSRP** -

- **Employee Order Price** -

- **Employee Stock Price** -

- **Other** -

- **Selling Price** -

- **Cap Cost** -

- **Total Option Price** -

- **Total Option Cost** -

- **Retail** -

- **N/A** -

- **MSRP Discount** -

- **Gross Cap Cost** -

- **Net Cap Cost** -

- **Taxable Selling Price** -

- **Loan** - Amount lenders typically loan on the listed vehicle.

- **Trade-In** - Amount allowed by dealers on a trade.

- **Adjusted Gross Cap Cost** - Adjusted gross cap cost due to tax calculations.

- **Adjusted Net Cap Cost** - Adjusted net cap cost due to tax calculations.

B.1.188. VehiclePricingTypeContentType

This codelist is a combination of one or more code lists: VehiclePricingTypeEnumeratedType

B.1.189. VolumeMeasureEnumeratedType

- **Cubic Inches** - Cubic inches

- **Cubic Feet** - Cubic feet

- **Cubic Centimeters** - Cubic centimeters

- **Cubic Meters** - Cubic meters

- **Other** - Other

B.1.190. VolumeMeasureContentType

This codelist is a combination of one or more code lists: VolumeMeasureEnumeratedType

B.1.191. WeightMeasureEnumeratedType

- **Pounds** - Pounds

- **Kilos** - Kilos

- **Other** - Other

B.1.192. WeightMeasureContentType

This codelist is a combination of one or more code lists: WeightMeasureEnumeratedType

B.1.193. LanguageEnumeratedType

- **en-US** - English - American

- **en-CA** - English -Canada

- **aa-ET** - Afar - Ethiopia

- **ab-GE** - Abkhazian - Georgia

- **af-ZA** - Afrikaans - South Africa

- **am-ET** - Amharic - Ethiopia

- **ar-SA** - Arabic - Saudi Arabia

- **as-IN** - Assamese - India

- **ay-BO** - Aymara - Bolivia

- **az-AZ** - Azerbaijani - Azerbaijan

- **ba-RU** - Bashkir - Russian Federation

- **be-BY** - Byelorussian - Belarus

- **bg-BG** - Bulgarian - Bulgaria

- **bh-IN** - Bihari - India

- **bi-VU** - Bislama - Vanuatu

- **bn-BD** - Bengali, Bangla - Bangladesh

- **bo-BT** - Tibetan - Bhutan

- **br-FR** - Breton - France

- **ca-ES** - Catalan - Spain

- **co-FR** - Corsican - France

- **cs-CZ** - Czech - Czech Republic

- **cy-GB** - Welsh - United Kingdom

- **da-DE** - Danish - Germany

- **da-DK** - Danish - Denmark

- **de-DE** - German - Germany

- **dz-BT** - Bhutani - Bhutan

- **el-GR** - Greek - Greece

- **es-ES** - Spanish - Spain

- **et-EE** - Estonian - Estonia

- **eu-ES** - Basque - Spain

- **fa-AF** - Persian - Afghanistan

- **fi-FI** - Finnish - Finland

- **fj-FJ** - Fiji - Fiji

- **fo-FO** - Faeroese - Faroe Islands

- **fr-CA** - French - Canada

- **fr-FR** - French - France

- **fy-NL** - Frisian - Netherlands

- **ga-IE** - Irish - Ireland

- **gd-GB** - Gaelic Scots Gaelic - United Kingdom

- **gl-ES** - Galician - Spain

- **gn-PY** - Guarani - Paraguay

- **gu-IN** - Gujarati - Indonesia

- **ha-NG** - Hausa - Nigeria

- **hi-IN** - Hindi - India

- **hr-HR** - Croatian - Croatia

- **hu-HU** - Hungarian - Hungary

- **hy-AM** - Armenian - Armenia

- **ik-GL** - Inupiak - Greenland

- **in-ID** - Indonesian - Indonesia

- **is-IS** - Icelandic - Iceland

- **it-IT** - Italian - Italy

- **iw-IL** - Hebrew - Israel

- **ja-JP** - Japanese - Japan

- **ji-IL** - Yiddish - Israel

- **jw-ID** - Javanese - Indonesia

- **ka-GE** - Georgian - Georgia

- **kk-KZ** - Kazakh - Kazakhstan

- **kl-GL** - Greenlandic - Greenland

- **km-KH** - Cambodian - Cambodia

- **kn-IN** - Kannada - India

- **ko-KP** - Korean - Korea, Democratic People's Republic of

- **ko-KR** - Korean - Korea, Republic of

- **ks-IN** - Kashmiri - India

- **ku-IQ** - Kurdish - Iraq

- **ky-CN** - Kirghiz - China

- **la-VA** - Latin - Holy See (Vatican City State)

- **ln-CD** - Lingala - Congo, The Democratic Republic of the

- **lo-LA** - Laothian - Lao People's Democratic Republic

- **lt-LT** - Lithuanian - Lithuania

- **lv-LV** - Latvian Lettish - Latvia

- **mg-MG** - Malagasy - Madagascar

- **mi-NZ** - Maori - New Zealand

- **mk-MK** - Macedonian - Macedonia, The Former Yugoslav

- **ml-IN** - Malayalam - India

- **mn-MN** - Mongolian - Mongolia

- **mo-MO** - Moldavian - Macao

- **mr-IN** - Marathi - India

- **ms-MY** - Malay - Malaysia

- **mt-MH** - Maltese - Marshall Islands

- **my-MM** - Burmese - Myanmar

- **na-NR** - Nauru - Nauru

- **ne-NP** - Nepali - Nepal

- **nl-NL** - Dutch - Netherlands

- **no-NO** - Norwegian - Norway

- **oc-FR** - Occitan - France

- **om-ET** - Oromo Afan - Ethiopia

- **or-IN** - Oriya - India

- **pa-IN** - Punjabi - India

- **pl-PL** - Polish - Poland

- **ps-PK** - Pashto, Pushto - Pakistan

- **pt-PT** - Portuguese - Portugal

- **qu-PE** - Quechua - Peru

- **rm-CH** - Rhaeto-Romance - Switzerland

- **rn-BI** - Kirundi - Burundi

- **ro-RO** - Romanian - Romania

- **ru-RU** - Russian - Russian Federation

- **rw-RW** - Kinyarwanda - Rwanda

- **sa-IN** - Sanskirt - India

- **sd-PK** - Sindhi - Pakistan

- **sg-CF** - Sangro - Central African Republic

- **sh-HR** - Serbo-Croatian - Croatia

- **si-LK** - Singhalese - Sri Lanka

- **sk-SK** - Slovak - Slovakia

- **sl-SI** - Slovenian - Slovenia

- **sm-WS** - Samoan - Samoa

- **sn-ZW** - Shona - Zimbabwe

- **so-SO** - Somali - Somalia

- **sq-AL** - Albanian - Albania

- **sr-CS** - Serbian - SErbia and Montenegro

- **ss-ZA** - Siswati - South Africa

- **st-ZA** - Sesotho - South Africa

- **su-SD** - Sudanese - Sudan

- **sv-SE** - Swedish - Sweden

- **sw-TL** - Swahili - Timor-Leste

- **ta-IN** - Tamil - India

- **te-IN** - Tegulu - India

- **tg-TJ** - Tajik - Tajikistan

- **th-TH** - Thai - Thailand

- **ti-ET** - Tigrinya - Ethiopia

- **tk-TM** - Turkmen - Turkmenistan

- **tl-PH** - Tagalog - Philippines

- **tn-ZA** - Setswana - South Africa

- **to-TO** - Tonga - Tonga

- **tr-TR** - Turkish - Turkey

- **ts-ZA** - Tsonga - South Africa

- **tt-RU** - Tatar - Russian Federation

- **tw-GH** - Twi - Ghana

- **uk-UA** - Ukrainian - Ukraine

- **ur-PK** - Urdu - Pakistan

- **uz-UZ** - Uzbek - Uzbekistan

- **vi-VN** - Vietnamese - Vietnam

- **wo-SN** - Wolof - Senegal

- **xh-ZA** - Xhosa - South Africa

- **yo-NG** - Yoruba - Nigeria

- **zh-CN** - Chinese - China

- **zu-ZA** - Zulu - South Africa

- **en-GB** - English - United Kingdom

- **zh-TW** - Mandarin - Taiwan

- **es-MX** - Spanish - Mexico

- **pt-BR** - Portuguese - Brazil

- **nl-BE** - Locale Dutch (Belgium)

- **fr-BE** - Locale French (Belgium)

- **de-BE** - Locale German (Belgium)

B.1.194. LanguageContentType

This codelist is a combination of one or more code lists: LanguageEnumeratedType

B.1.195. CountryEnumeratedType

- **US** - UNITED STATES

- **AF** - AFGHANISTAN

- **AL** - ALBANIA

- **DZ** - ALGERIA

- **AS** - AMERICAN SAMOA

- **AD** - ANDORRA

- **AO** - ANGOLA

- **AI** - ANGUILLA

- **AQ** - ANTARCTICA

- **AG** - ANTIGUA AND BARBUDA

- **AR** - ARGENTINA

- **AM** - ARMENIA

- **AW** - ARUBA

- **AU** - AUSTRALIA

- **AT** - AUSTRIA

- **AZ** - AZERBAIJAN

- **BS** - BAHAMAS

- **BH** - BAHRAIN

- **BD** - BANGLADESH

- **BB** - BARBADOS

- **BY** - BELARUS

- **BE** - BELGIUM

- **BZ** - BELIZE

- **BJ** - BENIN

- **BM** - BERMUDA

- **BT** - BHUTAN

- **BO** - BOLIVIA

- **BA** - BOSNIA AND HERZEGOVINA

- **BW** - BOTSWANA

- **BV** - BOUVET ISLAND

- **BR** - BRAZIL

- **IO** - BRITISH INDIAN OCEAN TERRITORY

- **BN** - BRUNEI DARUSSALAM

- **BG** - BULGARIA

- **BF** - BURKINA FASO

- **BI** - BURUNDI

- **KH** - CAMBODIA

- **CM** - CAMEROON

- **CA** - CANADA

- **CV** - CAPE VERDE

- **CW** - CURACAO

- **KY** - CAYMAN ISLANDS

- **CF** - CENTRAL AFRICAN REPUBLIC

- **TD** - CHAD

- **CL** - CHILE

- **CN** - CHINA

- **CX** - CHRISTMAS ISLAND

- **CC** - COCOS (KEELING) ISLANDS

- **CO** - COLOMBIA

- **KM** - COMOROS

- **CG** - CONGO

- **CD** - CONGO, THE DEMOCRATIC REPUBLIC OF THE

- **CK** - COOK ISLANDS

- **CR** - COSTA RICA

- **CI** - COTE D'IVOIRE

- **HR** - CROATIA

- **CU** - CUBA

- **CY** - CYPRUS

- **CZ** - CZECH REPUBLIC

- **DK** - DENMARK

- **DJ** - DJIBOUTI

- **DM** - DOMINICA

- **DO** - DOMINICAN REPUBLIC

- **EC** - ECUADOR

- **EG** - EGYPT

- **SV** - EL SALVADOR

- **GQ** - EQUATORIAL GUINEA

- **ER** - ERITREA

- **EE** - ESTONIA

- **ET** - ETHIOPIA

- **FK** - FALKLAND ISLANDS (MALVINAS)

- **FO** - FAROE ISLANDS

- **FJ** - FIJI

- **FI** - FINLAND

- **FR** - FRANCE

- **GF** - FRENCH GUIANA

- **PF** - FRENCH POLYNESIA

- **TF** - FRENCH SOUTHERN TERRITORIES

- **GA** - GABON

- **GM** - GAMBIA

- **GE** - GEORGIA

- **DE** - GERMANY

- **GH** - GHANA

- **GI** - GIBRALTAR

- **GR** - GREECE

- **GL** - GREENLAND

- **GD** - GRENADA

- **GP** - GUADELOUPE

- **GU** - GUAM

- **GT** - GUATEMALA

- **GN** - GUINEA

- **GW** - GUINEA-BISSAU

- **GY** - GUYANA

- **HT** - HAITI

- **HM** - HEARD ISLAND AND MCDONALD ISLANDS

- **VA** - HOLY SEE (VATICAN CITY STATE)

- **HN** - HONDURAS

- **HK** - HONG KONG

- **HU** - HUNGARY

- **IS** - ICELAND

- **IN** - INDIA

- **ID** - INDONESIA

- **IR** - IRAN, ISLAMIC REPUBLIC OF

- **IQ** - IRAQ

- **IE** - IRELAND

- **IL** - ISRAEL

- **IT** - ITALY

- **JM** - JAMAICA

- **JP** - JAPAN

- **JO** - JORDAN

- **KZ** - KAZAKHSTAN

- **KE** - KENYA

- **KI** - KIRIBATI

- **KP** - KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF

- **KR** - KOREA, REPUBLIC OF

- **KW** - KUWAIT

- **KG** - KYRGYZSTAN

- **LA** - LAO PEOPLE'S DEMOCRATIC REPUBLIC

- **LV** - LATVIA

- **LB** - LEBANON

- **LS** - LESOTHO

- **LR** - LIBERIA

- **LY** - LIBYAN ARAB JAMAHIRIYA

- **LI** - LIECHTENSTEIN

- **LT** - LITHUANIA

- **LU** - LUXEMBOURG

- **MO** - MACAO

- **MK** - MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF

- **MG** - MADAGASCAR

- **MW** - MALAWI

- **MY** - MALAYSIA

- **MV** - MALDIVES

- **ML** - MALI

- **MT** - MALTA

- **MH** - MARSHALL ISLANDS

- **MQ** - MARTINIQUE

- **MR** - MAURITANIA

- **MU** - MAURITIUS

- **YT** - MAYOTTE

- **MX** - MEXICO

- **FM** - MICRONESIA, FEDERATED STATES OF

- **MD** - MOLDOVA, REPUBLIC OF

- **MC** - MONACO

- **MN** - MONGOLIA

- **MS** - MONTSERRAT

- **MA** - MOROCCO

- **MZ** - MOZAMBIQUE

- **MM** - MYANMAR

- **NA** - NAMIBIA

- **NR** - NAURU

- **NP** - NEPAL

- **NL** - NETHERLANDS

- **AN** - NETHERLANDS ANTILLES

- **NC** - NEW CALEDONIA

- **NZ** - NEW ZEALAND

- **NI** - NICARAGUA

- **NE** - NIGER

- **NG** - NIGERIA

- **NU** - NIUE

- **NF** - NORFOLK ISLAND

- **MP** - NORTHERN MARIANA ISLANDS

- **NO** - NORWAY

- **OM** - OMAN

- **PK** - PAKISTAN

- **PW** - PALAU

- **PS** - PALESTINIAN TERRITORY, OCCUPIED

- **PA** - PANAMA

- **PG** - PAPUA NEW GUINEA

- **PY** - PARAGUAY

- **PE** - PERU

- **PH** - PHILIPPINES

- **PN** - PITCAIRN

- **PL** - POLAND

- **PT** - PORTUGAL

- **PR** - PUERTO RICO

- **QA** - QATAR

- **RE** - "REUNION"

- **RO** - ROMANIA

- **RU** - RUSSIAN FEDERATION

- **RW** - RWANDA

- **SH** - SAINT HELENA

- **KN** - SAINT KITTS AND NEVIS

- **LC** - SAINT LUCIA

- **PM** - SAINT PIERRA AND MIQUELON

- **VC** - SAINT VINCENT AND THE GRENADINES

- **WS** - SAMOA

- **SM** - SAN MARINO

- **SS** - SOUTH SUDAN

- **ST** - SAO TOME AND PRINCIPE

- **SA** - SAUDI ARABIA

- **SN** - SENEGAL

- **SX** - SINT MAARTEN(DUTCH PART)

- **CS** - Deprecated: Use RS for Serbia or ME for Montenegro.

- **SC** - SEYCHELLES

- **SL** - SIERRA LEONE

- **SG** - SINGAPORE

- **SK** - SLOVAKIA

- **SI** - SLOVENIA

- **SB** - SOLOMON ISLANDS

- **SO** - SOMALIA

- **ZA** - SOUTH AFRICA

- **GS** - SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS

- **ES** - SPAIN

- **LK** - SRI LANKA

- **SD** - SUDAN

- **SR** - SURINAME

- **SJ** - SVALBARD AND JAN MAYEN

- **SZ** - SWAZILAND

- **SE** - SWEDEN

- **CH** - SWITZERLAND

- **SY** - SYRIAN ARAB REPUBLIC

- **TW** - TIAWAN, PROVINCE OF CHINA

- **TJ** - TAJIKISTAN

- **TZ** -

- **TH** - THAILAND

- **TL** - TIMOR-LESTE

- **TG** - TOGO

- **TK** - TOKELAU

- **TO** - TONGA

- **TT** - TRINIDAD AND TOBAGO

- **TN** - TUNISIA

- **TR** - TURKEY

- **TM** - TURKMENISTAN

- **TC** - TURKS AND CAICOS ISLANDS

- **TV** - TUVALU

- **UG** - UGANDA

- **UA** - UKRAINE

- **AE** - UNITED ARAB EMIRATES

- **GB** - UNITED KINGDOM

- **UM** - UNITED STATES MINOR OUTLYING ISLANDS

- **UY** - URUGUAY

- **UZ** - UZBEKISTAN

- **VU** - VANUATU

- **VE** - VENEZUELA

- **VN** - VIET NAM

- **VG** - VIRGIN ISLANDS, BRITISH

- **VI** - VIRGIN ISLANDS, U.S.

- **WF** - WALLIS AND FUTUNA

- **EH** - WESTERN SAHARA

- **YE** - YEMEN

- **ZM** - ZAMBIA

- **ZW** - ZIMBABWE

- **GG** - GUERNSEY

- **IM** - ISLE OF MILAN

- **RS** - SERBIA

- **MF** - ST. MAARTEN/ST. MARTIN

- **AX** - ALAND ISLANDS

- **BL** - ST. BARTHILEMY

- **ME** - MONTENEGRO

- **JE** - JERSEY

- **USA** - UNITED STATES

- **AFG** - AFGHANISTAN

- **ALB** - ALBANIA

- **DZA** - ALGERIA

- **ASM** - AMERICAN SAMOA

- **AND** - ANDORRA

- **AGO** - ANGOLA

- **AIA** - ANGUILLA

- **ATA** - ANTARCTICA

- **ATG** - ANTIGUA AND BARBUDA

- **ARG** - ARGENTINA

- **ARM** - ARMENIA

- **ABW** - ARUBA

- **AUS** - AUSTRALIA

- **AUT** - AUSTRIA

- **AZE** - AZERBAIJAN

- **BHS** - BAHAMAS

- **BHR** - BAHRAIN

- **BGD** - BANGLADESH

- **BRB** - BARBADOS

- **BLR** - BELARUS

- **BEL** - BELGIUM

- **BLZ** - BELIZE

- **BEN** - BENIN

- **BMU** - BERMUDA

- **BTN** - BHUTAN

- **BOL** - BOLIVIA

- **BIH** - BOSNIA AND HERZEGOVINA

- **BWA** - BOTSWANA

- **BVT** - BOUVET ISLAND

- **BRA** - BRAZIL

- **IOT** - BRITISH INDIAN OCEAN TERRITORY

- **BRN** - BRUNEI DARUSSALAM

- **BGR** - BULGARIA

- **BFA** - BURKINA FASO

- **BDI** - BURUNDI

- **KHM** - CAMBODIA

- **CMR** - CAMEROON

- **CAN** - CANADA

- **CPV** - CAPE VERDE

- **CUW** - CURACAO

- **CYM** - CAYMAN ISLANDS

- **CAF** - CENTRAL AFRICAN REPUBLIC

- **TCD** - CHAD

- **CHL** - CHILE

- **CHN** - CHINA

- **CXR** - CHRISTMAS ISLAND

- **CCK** - COCOS (KEELING) ISLANDS

- **COL** - COLOMBIA

- **COM** - COMOROS

- **COG** - CONGO

- **COD** - CONGO, THE DEMOCRATIC REPUBLIC OF THE

- **COK** - COOK ISLANDS

- **CRI** - COSTA RICA

- **CIV** - COTE D'IVOIRE

- **HRV** - CROATIA

- **CUB** - CUBA

- **CYP** - CYPRUS

- **CZE** - CZECH REPUBLIC

- **DNK** - DENMARK

- **DJI** - DJIBOUTI

- **DMA** - DOMINICA

- **DOM** - DOMINICAN REPUBLIC

- **ECU** - ECUADOR

- **EGY** - EGYPT

- **SLV** - EL SALVADOR

- **GNQ** - EQUATORIAL GUINEA

- **ERI** - ERITREA

- **EST** - ESTONIA

- **ETH** - ETHIOPIA

- **FLK** - FALKLAND ISLANDS (MALVINAS)

- **FRO** - FAROE ISLANDS

- **FJI** - FIJI

- **FIN** - FINLAND

- **FRA** - FRANCE

- **GUF** - FRENCH GUIANA

- **PYF** - FRENCH POLYNESIA

- **ATF** - FRENCH SOUTHERN TERRITORIES

- **GAB** - GABON

- **GMB** - GAMBIA

- **GEO** - GEORGIA

- **DEU** - GERMANY

- **GHA** - GHANA

- **GIB** - GIBRALTAR

- **GRC** - GREECE

- **GRL** - GREENLAND

- **GRD** - GRENADA

- **GLP** - GUADELOUPE

- **GUM** - GUAM

- **GTM** - GUATEMALA

- **GIN** - GUINEA

- **GNB** - GUINEA-BISSAU

- **GUY** - GUYANA

- **HTI** - HAITI

- **HMD** - HEARD ISLAND AND MCDONALD ISLANDS

- **VAT** - HOLY SEE (VATICAN CITY STATE)

- **HND** - HONDURAS

- **HKG** - HONG KONG

- **HUN** - HUNGARY

- **ISL** - ICELAND

- **IND** - INDIA

- **IDN** - INDONESIA

- **IRN** - IRAN, ISLAMIC REPUBLIC OF

- **IRQ** - IRAQ

- **IRL** - IRELAND

- **ISR** - ISRAEL

- **ITA** - ITALY

- **JAM** - JAMAICA

- **JPN** - JAPAN

- **JOR** - JORDAN

- **KAZ** - KAZAKHSTAN

- **KEN** - KENYA

- **KIR** - KIRIBATI

- **PRK** - KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF

- **KOR** - KOREA, REPUBLIC OF

- **KWT** - KUWAIT

- **KGZ** - KYRGYZSTAN

- **LAO** - LAO PEOPLE'S DEMOCRATIC REPUBLIC

- **LVA** - LATVIA

- **LBN** - LEBANON

- **LSO** - LESOTHO

- **LBR** - LIBERIA

- **LBY** - LIBYAN ARAB JAMAHIRIYA

- **LIE** - LIECHTENSTEIN

- **LTU** - LITHUANIA

- **LUX** - LUXEMBOURG

- **MAC** - MACAO

- **MKD** - MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF

- **MDG** - MADAGASCAR

- **MWI** - MALAWI

- **MYS** - MALAYSIA

- **MDV** - MALDIVES

- **MLI** - MALI

- **MLT** - MALTA

- **MHL** - MARSHALL ISLANDS

- **MTQ** - MARTINIQUE

- **MRR** - MAURITANIA

- **MUS** - MAURITIUS

- **MYT** - MAYOTTE

- **MEX** - MEXICO

- **FSM** - MICRONESIA, FEDERATED STATES OF

- **MDA** - MOLDOVA, REPUBLIC OF

- **MCO** - MONACO

- **MNG** - MONGOLIA

- **MSR** - MONTSERRAT

- **MAR** - MOROCCO

- **MOZ** - MOZAMBIQUE

- **MMR** - MYANMAR

- **NAM** - NAMIBIA

- **NRU** - NAURU

- **NPL** - NEPAL

- **NLD** - NETHERLANDS

- **ANT** - NETHERLANDS ANTILLES

- **NCL** - NEW CALEDONIA

- **NZL** - NEW ZEALAND

- **NIC** - NICARAGUA

- **NER** - NIGER

- **NGA** - NIGERIA

- **NIU** - NIUE

- **NFK** - NORFOLK ISLAND

- **MNP** - NORTHERN MARIANA ISLANDS

- **NOR** - NORWAY

- **OMN** - OMAN

- **PAK** - PAKISTAN

- **PLW** - PALAU

- **PSE** - PALESTINIAN TERRITORY, OCCUPIED

- **PAN** - PANAMA

- **PNG** - PAPUA NEW GUINEA

- **PRY** - PARAGUAY

- **PER** - PERU

- **PHL** - PHILIPPINES

- **PCN** - PITCAIRN

- **POL** - POLAND

- **PRT** - PORTUGAL

- **PRI** - PUERTO RICO

- **QAT** - QATAR

- **REU** - "REUNION"

- **ROU** - ROMANIA

- **RUS** - RUSSIAN FEDERATION

- **RWA** - RWANDA

- **SHN** - SAINT HELENA

- **KNA** - SAINT KITTS AND NEVIS

- **LCA** - SAINT LUCIA

- **SPM** - SAINT PIERRA AND MIQUELON

- **VCT** - SAINT VINCENT AND THE GRENADINES

- **WSM** - SAMOA

- **SMR** - SAN MARINO

- **SSD** - SOUTH SUDAN

- **STP** - SAO TOME AND PRINCIPE

- **SAU** - SAUDI ARABIA

- **SEN** - SENEGAL

- **SYC** - SEYCHELLES

- **SLE** - SIERRA LEONE

- **SGP** - SINGAPORE

- **SVK** - SLOVAKIA

- **SVN** - SLOVENIA

- **SLB** - SOLOMON ISLANDS

- **SOM** - SOMALIA

- **ZAF** - SOUTH AFRICA

- **SGS** - SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS

- **ESP** - SPAIN

- **LKA** - SRI LANKA

- **SDN** - SUDAN

- **SUR** - SURINAME

- **SJM** - SVALBARD AND JAN MAYEN

- **SWZ** - SWAZILAND

- **SWE** - SWEDEN

- **CHE** - SWITZERLAND

- **SYR** - SYRIAN ARAB REPUBLIC

- **TWN** - TIAWAN, PROVINCE OF CHINA

- **TJK** - TAJIKISTAN

- **TZA** - TANZANIA

- **THA** - THAILAND

- **TLS** - TIMOR-LESTE

- **TGO** - TOGO

- **TKL** - TOKELAU

- **TON** - TONGA

- **TTO** - TRINIDAD AND TOBAGO

- **TUN** - TUNISIA

- **TUR** - TURKEY

- **TKM** - TURKMENISTAN

- **TCA** - TURKS AND CAICOS ISLANDS

- **TUV** - TUVALU

- **UGA** - UGANDA

- **UKR** - UKRAINE

- **ARE** - UNITED ARAB EMIRATES

- **GBR** - UNITED KINGDOM

- **UMI** - UNITED STATES MINOR OUTLYING ISLANDS

- **URY** - URUGUAY

- **UZB** - UZBEKISTAN

- **VUT** - VANUATU

- **VEN** - VENEZUELA

- **VNM** - VIET NAM

- **VGB** - VIRGIN ISLANDS, BRITISH

- **VIR** - VIRGIN ISLANDS, U.S.

- **WLF** - WALLIS AND FUTUNA

- **ESH** - WESTERN SAHARA

- **YEM** - YEMEN

- **ZMB** - ZAMBIA

- **ZWE** - ZIMBABWE

- **GGY** - GUERNSEY

- **IMN** - ISLE OF MILAN

- **SRB** - SERBIA

- **MAF** - ST. MAARTEN/ST. MARTIN

- **ALA** - ALAND ISLANDS

- **BLM** - ST. BARTHILEMY

- **MNE** - MONTENEGRO

- **JEY** - JERSEY

B.1.196. CountryContentType

This codelist is a combination of one or more code lists: CountryEnumeratedType

B.1.197. IncentiveEnumeratedType

- **Rebate** - Offered to eligible consumers a cash allowance applied toward the retail purchase or lease of eligible vehicles.

- **Lease Cash** - Offered to eligible consumers a lease cash allowance applied toward the retail lease of eligible vehicles.

- **Consumer Cash** - Offered to eligible consumers a cash allowance applied toward the retail purchase of eligible vehicles.

- **Lease Loyalty** - Consumers returning from any lease on a Finance Source brand vehicle and entering into a lease on an eligible model are eligible.

- **Employee Bonus Cash** - Customers must finance through eligible finance source. Eligible consumers are only those who are eligible to receive benefit in the manufacturer's employee pricing program.

- **Finance Source Cash** - Offered to eligible consumers a cash allowance applied toward the retail purchase or lease of eligible vehicles. Customers must finance through eligible finance source.

- **Conquest Cash** - Available to current owners or lessees of any "competitor" vehicle.

- **Trade-In Allowance** - Offered to eligible consumers trading in a vehicle (OEM or competitor).

- **Event Bonus** - Offered to eligible consumers during a particular event (e.g., Auto Show).

- **Owner Loyalty Cash** - Available on eligible vehicles for current owners or lessees of an OEM vehicle.

- **Regional Bonus Cash** - 11. Offered to eligible consumers of a defined geographic region, a cash allowance applied toward the retail purchase or lease of eligible vehicles.

- **Down Payment Match** -

- **Delivery Allowance** -

- **Other** -

B.1.198. IncentiveContentType

This codelist is a combination of one or more code lists: IncentiveEnumeratedType

B.1.199. VehicleOwnershipTypeEnumeratedType

- **Owned** - Indicates that the vehicle is owned by the individual or company

- **Leased** - Indicates that the vehicle is being leased to the individual or company for a specified period of time.

- **Rented** - Indicates that the vehicle is being rented by the individual or company for a specified period of time.

B.1.200. VehicleOwnershipTypeContentType

This codelist is a combination of one or more code lists: VehicleOwnershipTypeEnumeratedType

B.1.201. TireTypeEnumeratedType

- **Radial** - A type tire construction utilizing plies that run radially from bead to bead under the tread. This construction requires a belt to stabilize the tread and define the tire diameter.

- **Bias-Ply** - A type of tire construction utilizing plies that run diagonally from one bead to the other. One ply is set on a bias in one direction, and succeeding plies are set alternately in opposing directions crossing each other.

B.1.202. TireTypeContentType

This codelist is a combination of one or more code lists: TireTypeEnumeratedType

B.1.203. TrailerTypeEnumeratedType

- **Bunk** - Type of boat trailer

- **Roller** - Type of boat trailer

- **Pontoon Bunk** - Type of boat trailer

- **Pontoon Centerlift** - Type of boat trailer

- **Composite Bunk** - Type of boat trailer

B.1.204. TrailerTypeContentType

This codelist is a combination of one or more code lists: TrailerTypeEnumeratedType

B.1.205. BrakeTypeEnumeratedType

- **Drum** -

- **Disk** -

- **Electric** -

B.1.206. BrakeTypeContentType

This codelist is a combination of one or more code lists: BrakeTypeEnumeratedType

B.1.207. WinchTypeEnumeratedType

- **Power** - Electric winch

- **Manual** - Manually operated

- **None** - No winch

B.1.208. WinchTypeContentType

This codelist is a combination of one or more code lists: WinchTypeEnumeratedType

B.1.209. StartingSystemTypeEnumeratedType

- **Electric** - Electric engine starting system

- **Manual** - Pull engine starting system

- **Other** - Other engine starting system

B.1.210. StartingSystemTypeContentType

This codelist is a combination of one or more code lists: StartingSystemTypeEnumeratedType

B.1.211. ImagePerspectiveEnumeratedType

- **Interior** - Image take from the interior of an item or location.

- **Exterior** - Image take from the exterior of an item or location.

- **Other** - Image take from a perspective other than interior or exterior.

B.1.212. ImagePersectiveContentType

This codelist is a combination of one or more code lists: ImagePerspectiveEnumeratedType

B.1.213. PriceEnumeratedType

- **Loan** - Amount lenders typically loan on the listed vehicle.

- **Retail** - Amount typically sold for to a retail customer (dealer to consumer, or consumer to consumer transactions).

- **Trade-In** - Amount allowed by dealers on a trade.

- **List** - This is the advertised price of the item.

- **Sold** - This is the price at which the item actually sold.

- **Actual Wholesale Price** - The vehicle invoice amount minus the dealer's holdback amount which is the amount that is paid to the dealer on a vehicle basis refunding the dealer for inflated vehicle invoice amounts.

- **Dealer Discount Amount** - Discount off the original retail price by the Dealer (comes out of the Dealer's revenue).

- **OEM Discount Amount** - Discount off the original retail price by the OEM (comes out of the OEM's revenue).

- **Core Price Amount** - The value of a used part if returned to the OEM for refurbishing.

- **National Fleet Price** - Fleet price for a national account.

- **Major Fleet Price** - Fleet price for a major fleet acount.

- **Fleet Price** - Fleet price.

- **Extended Amount** - The quantity of an item times the sold price less all discounts plus all additions for an item. Formula: item quantity x sold price - (all discounts + all additions)

- **Extended Core Amount** - Total core value

- **Suggested Retail Price** - Selling price suggested by the sender.

- **Gross Discount Amount** - The gross amount of all discounts applied to an item.

- **Parts Invoice Item Net Amount** - The difference between the Extended Amount and the Gross Discount Amount to be paid for an item.

- **Total Option MSRP** - Total of all itemized products of the Manufactured Suggested Retail Price.

- **Unit Price** - Price of single unit

- **Submitted Price** - The submitted price is the dealer's while the Retail price is the OEM's. The OEM will classify the dealer's submitted retail price as the submitted price.

- **Select Fleet** - A specially contracted fleet.

- **Reconditioning Cost** - The total amount a dealer spends on Vehicle preparation for Mechanical Reconditioning .

- **Total Vehicle Cost** - Sum of all Vehicle Cost of sales.

- **Certification Fee** - The amount spent by dealer as a certification fee.

- **Actual Cash Value** - The appraisal/actual cash value paid by the dealer during trade-in or at the time of auction.

- **Base MSRP** - MSRP for the vehicle with no options

- **Standard MSRP** - MSRP for a vehicle with standard options

- **High MSRP** - MSRP for vehicle with all options

- **Job** -

- **Labor** -

- **Parts** -

- **Sublet** -

- **Miscellaneous** -

- **GasOilGrease** -

- **PaintMaterials** -

- **ShopSupplies** -

- **Freight** - Price for Transportation.

- **Claim** -

- **SubletLabor** -

- **SubletParts** -

- **ReturnCore** -

- **Customer** -

- **Internal** -

- **RentLoaner** -

- **Return** -

- **Splits** -

- **Total** -

- **Prepping** - Preparation Price

- **PackAmount** - Additional cost dealer adds above initial cost that is not included in commission

- **HoldBackAmount** - Amount that the OEM retains, and is provided to the dealer after the sale

- **PartCost** -

- **CampaignPrice** - Campaign Price

- **LowestAcceptablePrice** - Lowest Acceptable Price

- **InternetPrice** - Internet Price

- **OtherDiscountAmount** - Other Discount Amount

- **OtherSurchargeAmount** - Other Surcharge Amount

- **SubtotalIncludingDiscount** - Subtotal Including Discount

- **TotalAmountExcludingTax** - Total Amount Excluding Tax

- **TotalTaxAmount** - Total Tax Amount

- **TotalAmountIncludingTax** - Total Amount Including Tax

- **EstimatedAmount** - Estimated Amount for Repairs

- **AdditionalWorkRequestEstimatedAmount** - Estimated Amount for Additional Work Requested by the Customer

- **Cost** - A generic cost

- **Total Trades Actual Cash Value** - Total Trades Actual Cash Value

- **Total Trades Payoff Amount** - Total Trades Payoff Amount

- **Total Accessories** - Total Accessories

- **Total Gross Profit** - Total Gross Profit

- **Frontend Gross Profit** - Frontend Gross Profit

- **Backend Gross Profit** - Backend Gross Profit

- **Balloon Payment** - Balloon Payment

- **Total Term Depreciation** - Total Term Depreciation

- **Total Drive Off Amount** - Total Drive Off Amount

- **Net Cost** - Net Cost

- **Net List Price** - Net List Price

- **Net Price** - Net Price

- **Net Core Cost** - Net Core Cost

- **Net Core Price** - Net Core Price

- **Net Total** - Net Total

- **Total Cost** - Total Cost

- **Total List Price** - Total List Price

- **Total Price** - Total Price

- **Total Core Cost** - Total Core Cost

- **Total Core Price** - Total Core Price

- **Total Tax** - Total Tax

- **Total Miscellaneous** - Total Miscellaneous

- **Total Freight** - Total Freight

- **Total Restock** - Total Restock

- **Total Net** - Total Net

- **Total Invoice** - Total Invoice

- **Total Customer Parts Price** - Total Customer Parts Price

- **Total Customer Labor Price** - Total Customer Labor Price

- **Total Customer Miscellaneous Price** - Total Customer Miscellaneous Price

- **Total Customer GOG Price** - Total Customer GOG Price

- **Total Customer Sublet Price** - Total Customer Sublet Price

- **Total Customer Repair Order Price** - Total Customer Repair Order Price

- **Total Customer Parts Cost** - Total Customer Parts Cost

- **Total Customer Labor Cost** - Total Customer Labor Cost

- **Total Customer Miscellaneous Cost** - Total Customer Miscellaneous Cost

- **Total Customer GOG Cost** - Total Customer GOG Cost

- **Total Customer Sublet Cost** - Total Customer Sublet Cost

- **Total Customer Repair Order Cost** - Total Customer Repair Order Cost

- **Total Warranty Parts Price** - Total Warranty Padts Price

- **Total Warranty Labor Price** - Total Warranty Labor Price

- **Total Warranty Miscellaneous Price** - Total Warranty Miscellaneous Price

- **Total Warranty GOG Price** - Total Warranty GOG Price

- **Total Warranty Sublet Price** - Total Warranty Sublet Price

- **Total Warranty Repair Order Price** - Total Warranty Repair Order Price

- **Total Warranty Parts Cost** - Total Warranty Parts Cost

- **Total Warranty Labor Cost** - Total Warranry Labor Cost

- **Total Warranty Miscellaneous Cost** - Total Warranty Miscellaneous Cost

- **Total Warranty GOG Cost** - Total Warranty GOG Cost

- **Total Warranty Sublet Cost** - Total Warranty Sublet Cost

- **Total Warranty Repair Order Cost** - Total Warranty Reapir Order Cost

- **Total Internal Parts Price** - Total Internal Parts Price

- **Total Internal Labor Price** - Total Internal Labor Price

- **Total Internal Miscellaneous Price** - Total Internal Miscellaneous Price

- **Total Internal GOG Price** - Total Internal GOG Price

- **Total Internal Sublet Price** - Total Internal Sublet Price

- **Total Internal Repair Order Price** - Total Internal Repair Order Price

- **Total Internal Parts Cost** - Total Internal Parts Cost

- **Total Internal Labor Cost** - Total Internal Labor Cost

- **Total Internal Miscellaneous Cost** - Total Internal Miscellaneous Cost

- **Total Internal GOG Cost** - Total Internal GOG Cost

- **Total Internal Sublet Cost** - Total Internal Sublet Cost

- **Total Internal Repair Order Cost** - Total Internal Repair Order Cost

- **Total Repair Order Parts Price** - Total Repair Order Parts Price

- **Total Repair Order Labor Price** - Total Repair Order Labor Price

- **Total Repair Order Miscellaneous Price** - Total Repair Order Miscellaneous Price

- **Total Repair Order GOG Price** - Total Repair Order GOG Price

- **Total Repair Order Sublet Price** - Total Repair Order Sublet Price

- **Total Repair Order Price** - Total Repair Order Price

- **Total Repair Order Parts Cost** - Total Repair Order Parts Cost

- **Total Repair Order Labor Cost** - Total Repair Order Labor Cost

- **Total Repair Order Miscellaneous Cost** - Total Repair Order Misccellaneous Cost

- **Total Repair Order GOG Cost** - Total Repair Order GOG Cost

- **Total Repair Order Sublet Cost** - Total Repair Order Sublet Cost

- **Total Repair Order Cost** - Total Repair Order Cost

- **Total Repair Order Tax Price** - Total Repair Order Tax Price

- **Operation Parts Price** - Operation Parts Price

- **Operation Parts Cost** - Operation Parts Cost

- **Operation Total Price** - Operation Total Price

- **Operation Total Cost** - Operation Total Cost

- **Unit Core Cost** - Unit Core Cost

- **Unit Core Price** - Unit Core Price

- **Unit List Price** - Unit List Price

- **Net Cost** - Net Cost

- **Net List Price** - Net List Price

- **Net Price** - Net Price

- **Net Core Cost** - Net Core Cost

- **Net Core Price** - Net Core Price

- **Net Miscellaneous** - Net Miscellaneous

- **Net Freight** - Net Freight

- **Net Restock** - Net Restock

- **Net Total** - Net Total

- **Vehicle Advertised Price** - Dealer advertised price for a vehicle.

- **Vehicle Selling Price** - Dealer offer price for known customers (i.e., logged in customers).

- **DIO Invoice Price** - Dealer Invoice cost of dealer installed option (DIO).

- **DIO Retail Price** - Dealer suggested retail price of dealer installed option (DIO).

B.1.214. PriceContentType

This codelist is a combination of one or more code lists: PriceEnumeratedType

B.1.215. ColorItemEnumeratedType

- **Hull** - Hull

- **Engine** - Engine

- **Deck** - Deck

- **Seat** - Seat

- **Carpet** - Carpet

- **Interior** - Interior

- **Exterior** - Exterior

- **ExteriorSecondary** - Some vehicles have a two tone paint scheme on the exterior

- **Trailer** - Trailer

- **Top** - Top

B.1.216. ColorItemContentType

This codelist is a combination of one or more code lists: ColorItemEnumeratedType

B.1.217. CylinderConfigurationEnumeratedType

- **Inline** - Inline

- **V** - V

- **Rotary** - Rotary

B.1.218. CylinderConfigurationContentType

This codelist is a combination of one or more code lists: CylinderConfigurationEnumeratedType

B.1.219. PartActivityTransactionEnumeratedType

- **Adjustment Other** - An adjustment that isn't listed.

- **Cancelled Countersales** - Cancelled from countersales

- **Cancelled Countersales Exempt** - Cancelled from counter sale exempt count

- **Cancelled Internal Repair Order** - Cancelled from Internal Repair Order

- **Cancelled Internal Repair Order Exempt** - Cancelled from Internal Repair Order exempt count.

- **Cancelled Receipt Manufacturer** - Cancelled Receipt from Manufacturer.

- **Cancelled Receipt Other** - Cancelled receipt from other.

- **Cancelled General Restock** - Cancelled General Restock.

- **Cancelled Retail Repair Order** - Cancelled Retail Repair Order.

- **Cancelled Retail Repair Order Exempt** - Cancelled Retail Repair Order exempt count.

- **Cancelled Return** - Cancelled Return

- **Cancelled Warranty Repair Order** - Cancelled Warranty Repair Order

- **Cancelled Warranty Repair Order Exempt** - Cancelled Warranty Repair Order exempt count

- **Cancelled Wholesale** - Cancelled from Wholesale.

- **Cancelled Wholesale Exempt** - Cancelled from Wholesale exempt count.

- **Counter** - Counter.

- **Counter Exempt** - Counter Exempt.

- **Internal Repair Order** - Internal Repair Order.

- **Internal Repair Order Exempt** - Internal Repair Order exempt count.

- **Lost Sale** - Lost Sale.

- **Inventory Adjustment Plus** - Inventory Adjustment Plus.

- **Cancelled Scrap** - Cancelled Scrap.

- **Inventory Adjustment Minus** - Inventory Adjustment Minus.

- **Scrap** - Scrap.

- **Receipt Other** - Receipt Other.

- **Receipt Manufacturer** - Receipt Manufacturer.

- **Receipt From Other** - Receipt from other.

- **General Restock** - Receipt from other.

- **Retail Repair Order** - Retail Repair Order

- **Retail Repair Order Exempt** - Retail Repair Order Exempt

- **Return** - Return

- **Return Other** - Return Other

- **Sale Other** - Sale Other

- **Warranty Repair Order** - Warranty Repair Order

- **Warranty Repair Order Exempt** - Warranty Repair Order

- **Wholesale** - Wholesale

- **Wholesale Exempt** - Wholesale Exempt

- **New Part** - New part added to inventory

B.1.220. PartActivityTransactionContentType

This codelist is a combination of one or more code lists: PartActivityTransactionEnumeratedType

B.1.221. SalesStatusEnumeratedType

- **Active** - Active Sales Status

- **On-Order** - On-Order Sales Status

- **Inactive** - Inactive Sales Status

- **Sale Pending** - Sale Pending Status

- **Sold** - Sold Sales Status

- **Delete** - Delete Sales Status

- **Trade-In Pending** - Trade-In Pending Sales Status

B.1.222. SalesStatusContentType

This codelist is a combination of one or more code lists: SalesStatusEnumeratedType

B.1.223. CrossShipmentRestrictionEnumeratedType

- **Primary** - The primary parts distribution center to ship the parts.

- **Alternate** - Allows any altenate parts distribution center to be used.

- **Low Volume** - Use the low volume parts distribution center for slow moving parts.

- **Domestic Only** - Only use domestic parts distribution centers

- **None** - No restrictions are to be applied.

B.1.224. CrossShipmentRestrictionContentType

This codelist is a combination of one or more code lists: CrossShipmentRestrictionEnumeratedType

B.1.225. AgencyRoleCodeEnumeratedType

- **Dealer** - Identifies the role as a Dealer

- **Owner** - Identifies the role as a Owner

- **Operator** - Identifies the role as a Owner

- **Global ID** - A unique global system identifier

- **Direct Shipper** - Direct Shipper ID

- **Packager** - Packager

- **Importer** - Importer

- **Exporter** - Exporter

- **Batch Number** - Batch Number

- **OEM Order Number** - OEM Order Number

- **Transfer Reference Number** - Transfer Refrence Number

- **Customer Purchase Order Number** - Customer Purchase Order Number

- **OEM Delivery Number** - OEM Delivery Number

- **OEM Invoice Number** - OEM Invoice Number

- **Supplier no** - Supplier Number

- **Supplier Line** - Supplier Line

- **Dealer no** - Dealer Number

- **Dealer Line** - Dealer Line

- **Base Sales Code** - Base Sales Code

B.1.226. AgencyRoleCodeContentType

This codelist is a combination of one or more code lists: AgencyRoleCodeEnumeratedType ocl:AgencyRoleCodeEnumerationType

B.1.227. ContactMethodTypeEnumeratedType

This codelist is a combination of one or more code lists: PreferredContactMethodContentType PreferredContactMethodOrganizationContentType OriginalContactMethodContentType

B.1.228. ContactMethodTypeContentType

This codelist is a combination of one or more code lists: PreferredContactMethodEnumeratedType PreferredContactMethodOrganizationEnumeratedType OriginalContactMethodEnumeratedType

B.1.229. VehicleUseEnumeratedType

- **Demonstration** - Vehicle was used as demonstration model.

- **Daily Rental** - Used as a rental or loaner car.

- **Personal** - Used for personal or individual use.

- **Household** - Used for family or house hold purposes.

- **Other** - Other or unknown use.

- **Not Applicable** - Not applicable.

- **Taxi** - Taxi

- **Lease** - Lease

- **Agri/Farm** - Agriculture/Farming

- **Beverage** - Beverage

- **BusTrans** - Bus Transportation

- **Constr** - Construction

- **Dealer** - Dealer

- **Emergency** - Emergency Vehicle

- **Fin.Lease** - Leased-Financed

- **FoodProc** - Food Processing

- **ForestLum** - Forestry/Lumber

- **GF/Haz** - Gen Freight-Hazardous

- **GenFrt** - General Freight

- **Govt** - Government

- **Hazard** - Hazardous

- **Individ** - Individual

- **Landsc** - Landscaping

- **Manuf** - Manufacturing

- **Mfg.Lease** - Leased-Manufacturing

- **Min/Qua** - Mining

- **Misc** - Miscellaneous

- **Mnt.Lease** - Lease Rent

- **Mov/Stor** - Moving/Storage

- **Petro** - Petroleum

- **Petro/Haz** - Petroleum-Hazardous

- **Ref/Haz** - Spec-Hazardous

- **Road/Hwy** - Road/Highway

- **San/Refuse** - Sanitation/Refuse

- **Services** - Services

- **SpecHaul** - Specialized Hauling

- **Unknown** - Unknown

- **Util/Haz** - Utility-Hazardous

- **Utility** - Utility

- **Veh.Trnsprtr** - Vehicle Transporter

- **Wh/Retail** - Wholesale/Retail

- **OffRoad** - Off-Road

B.1.230. VehicleUseContentType

This codelist is a combination of one or more code lists: VehicleUseEnumeratedType

B.1.231. ShipmentCarrierTransportMethodTypeEnumeratedType

- **Air** - Shipment made by air delivery

- **Ground** - Shipment made by ground delivery

- **Cab** - Shipment made by cab delivery

- **Bus** - Shipment made by bus delivery

- **Parcel Post** - Shipment made by parcel post delivery

- **Charter** - Shipment made by charter delivery

- **Courier** - Shipment made by courier delivery

- **Truck** - Shipment made by truck delivery

- **Ocean** - Shipment made by ocean (ship) delivery

- **Collect** - Used when goods is Collected by dealer/customer at WH

- **Other** - Used when goods is transported in any other way

B.1.232. ShipmentCarrierTransportMethodTypeContentType

This codelist is a combination of one or more code lists: ShipmentCarrierTransportMethodTypeEnumeratedType

B.1.233. ShipmentCarrierCompanyEnumeratedType

- **Federal Express** - Federal Express (FedEx)

- **Air Contact Transport** - Air Contact Transport

- **Danzas** - Danzas

- **Yellow Freight** - Yellow Freight

- **United Parcel Service** - United Parcel Service (UPS)

- **Motor Cargo** - Motor Cargo

- **Averitt** - Averitt

- **Chopper** - Chopper

- **Command** - Command

- **United States Postal Service** - United States Postal Service (USPS)

- **DHL** - DHL

- **California Overnight** - California Overnight

- **Ryder Integrated Logistics Inc** - Ryder Integrated Logistics Inc

- **Dedicated Logistics Inc** - Dedicated Logistics Inc

- **Exel Logistics Inc** - Exel Logistics Inc

- **Penske Logistics Inc** - Penske Logistics Inc

- **Express Leasing Inc** - Express Leasing Inc

- **Vanguard Global Services** - Vanguard Global Services

- **Central Transport International Inc** - Central Transport International Inc

- **Swift Transportation** - Swift Transportation

- **Ottaway Motor Express** - Ottaway Motor Express

- **Schneider National Carriers** - Schneider National Carriers

- **PJAX Inc** - PJAX Inc

- **Nebraska Transport Company** - Nebraska Transport Company

- **Golden Gate Air Freight Inc** - Golden Gate Air Freight Inc

- **Roadway Express Inc** - Roadway Express Inc

- **United American Freight** - United American Freight

- **Allen Logistics** - Allen Logistics

- **Cross Country Courier** - Cross Country Courier

- **Midwest Motor Express Inc** - Midwest Motor Express Inc

- **RAC Transport** - RAC Transport

- **Land Air Express** - Land Air Express

- **Landstar Ranger Inc** - Landstar Ranger Inc

- **Oak Harbor Freight Lines** - Oak Harbor Freight Lines

- **Covenant Transport Inc** - Covenant Transport Inc

- **Automotive Component Carrier Inc** - Automotive Component Carrier Inc

- **North Shore Transportation Services Inc** - North Shore Transportation Services Inc

- **Knight Transportation Inc** - Knight Transportation Inc

- **JB Hunt** - JB Hunt

- **Hollingsworth Expedited Lane Partner LLC** - Hollingsworth Expedited Lane Partner LLC

- **First Class Expediting Service Inc** - First Class Expediting Service Inc

- **USF** - USF

- **Asconauto Logistica** - Asconauto Logistica

- **Bartolini** - Bartolini

B.1.234. ShipmentCarrierCompanyContentType

This codelist is a combination of one or more code lists: ShipmentCarrierCompanyEnumeratedType

B.1.235. ShipmentCarrierServiceLevelEnumeratedType

- **0 Day** - 0 Day is same day

- **1 Day** - 1 Day is next day and/or overnight

- **2 Day** - 2 Day

- **3 Day Deferred** - 3 Day Deferred

B.1.236. ShipmentCarrierServiceLevelContentType

This codelist is a combination of one or more code lists: ShipmentCarrierServiceLevelEnumeratedType

B.1.237. ShipmentCarrierDeliveryEnumeratedType

- **Saturday** - Shipment Carrier to make a Saturday delivery

- **Sunday** - Shipment Carrier to make a Sunday delivery

- **Pick-up** - Customer to pick-up item at Shipment Carrier depot.

B.1.238. ShipmentCarrierDeliveryContentType

This codelist is a combination of one or more code lists: ShipmentCarrierDeliveryEnumeratedType

B.1.239. ShipmentCarrierCollectionMethodEnumeratedType

- **Prepaid** - The delivery has been paid for by the shipper.

- **Collect** - The delivery will be paid for at the time of receipt.

B.1.240. ShipmentCarrierCollectionMethodContentType

This codelist is a combination of one or more code lists: ShipmentCarrierCollectionMethodEnumeratedType

B.1.241. RequestedAmountTypeEnumeratedType

- **Requested Labor Amount** - Indicates the labor amounts requested by the dealer on the submitted transaction.

- **Requested Parts Amount** - Indicates the part amounta requested by the dealer on the submitted transaction.

- **Requested Handling Amount** - Indicates the part handling amount requested by the dealer on the submitted transaction.

- **Requested Other Amount** - Indicates the net item amounts requested by the dealer on the submitted transaction.

B.1.242. RequestedAmountTypeContentType

This codelist is a combination of one or more code lists: RequestedAmountTypeEnumeratedType

B.1.243. ItemIDCategoryTypeEnumeratedType

- **OEM** - Manufacturer part number

- **ACDelco** - ACDelco part number

- **Universal Product Code** - Universal Product Code (UPC) part number

- **Vendor** - Vendor part number

B.1.244. ItemIDCategoryTypeContentType

This codelist is a combination of one or more code lists: ItemIDCategoryTypeEnumeratedType

B.1.245. DealerServiceTypeEnumeratedType

- **Sales** - The dealer performs sales services

- **Finance Available** - The dealer has financing services available.

- **Rentals** - The dealer has rental services available.

- **Warranty Servicing** - The dealer has warranty servicing available.

- **Repairs** - The dealer has repair services available.

B.1.246. DealerServiceTypeContentType

This codelist is a combination of one or more code lists: DealerServiceTypeEnumeratedType

B.1.247. HoursTypeEnumeratedType

- **Sales** - Sales Hours
- **Service** - Service Hours

B.1.248. HoursTypeContentType

This codelist is a combination of one or more code lists: HoursTypeEnumeratedType

B.1.249. DayOfWeekEnumeratedType

- **Monday** - Monday
- **Tuesday** - Tuesday
- **Wednesday** - Wednesday
- **Thursday** - Thursday
- **Friday** - Friday
- **Saturday** - Saturday
- **Sunday** - Sunday

B.1.250. DayOfWeekContentType

This codelist is a combination of one or more code lists: DayOfWeekEnumeratedType

B.1.251. LocationTypeEnumeratedType

- **Dealer** - Dealer location

- **Fleet** - Fleet location

- **Approved Body Company** - Approved Body Company location

- **Body Company Not Approved** - Body Company Not Approved location

B.1.252. LocationTypeContentType

This codelist is a combination of one or more code lists: LocationTypeEnumeratedType

B.1.253. LocationIDTypeEnumeratedType

- **Plant** - The manufacturer palnt where vehicle is being manufacturered

- **Terminal** - A carrier destination where pairing, decking, etc. takes place.

- **PDI** - Nav International to provide description

- **Mod Center** - A destination that is making modifications to a vehicle, e.g., a body shop.

- **On Road** - In transit location.

- **Delay Location** - Location if the delivery has been delayed.

- **Border** - International border entry point.

- **Final Destination** - Prescribed final destination.

B.1.254. LocationIDTypeContentType

This codelist is a combination of one or more code lists: LocationIDTypeEnumeratedType

B.1.255. DeliveryProcessStateEnumeratedType

- **Unpaired** - The carrier has received the vehicle.

- **Paired** - Pairing particular vehicles for shipment.

- **In Decking** - During the process of establishing the order of vehicles and hooking vehicles together.

- **Decking Complete** - The process of establishing the order of vehicles and the hooking of vehicles is complete.

- **Ready For Driver Assign** - The driver may be assigned for the delivery.

- **Dispatched** - Driver has been assigned to the delivery.

- **In Transit** - Driver is in transit with delivery.

- **Final Delivery** - Driver has made delivery to the destination.

- **In Production** - Nav Intertional to provide description.

B.1.256. DeliveryProcessStateContentType

This codelist is a combination of one or more code lists: DeliveryProcessStateEnumeratedType

B.1.257. EventTypeEnumeratedType

- **On Hold** - The vehicle has been placed on hold.

- **Off Hold** - The vehicle has been taken off hold.

- **On Delay** - The vehicle delivery has been delayed.

- **Off Delay** - The delay condition has been resolved.

- **Miscellaneous Problem** - There is a problem with vehicle delivery.

B.1.258. EventTypeContentType

This codelist is a combination of one or more code lists: EventTypeEnumeratedType

B.1.259. FleetAccountEnumeratedType

- **Fleet Charge Card Number** - The number found on a Fleet Charge Card

- **Account Number** - Any Dealer or OEM assigned account number

- **Fleet Account Number** - Parent billing account for a range of Fleet Charge Card numbers.

- **Dealer Fleet Account Name** - The official name associated with the Fleet Account Number.

- **Diners Club** - Diners Club credit card

- **Visa** - Visa credit card

- **Mastercard** - Mastercard credit card

- **Optima** - Optima credit card

- **Amex** - Amex credit card

B.1.260. FleetAccountContentType

This codelist is a combination of one or more code lists: FleetAccountEnumeratedType

B.1.261. SubtotalTypeCodeEnumeratedType

- **Excluding Downpayment** - Subtotal amount excluding the down payment amount.

- **Other** - Other

- **N/A** - Not Applicable

B.1.262. SubtotalTypeCodeContentType

This codelist is a combination of one or more code lists: SubtotalTypeCodeEnumeratedType

B.1.263. DealerProductsTypeCodeEnumeratedType

- **Etching** - Theft deterrent item where the VIN is etched into the window of a vehicle

- **Theft Deterrent** - A device sold by the dealer used to deter theft of a vehicle.

- **Surface Protection** - Paint and/or undercoating protection applied to a vehicle

- **Used Vehicle Contract Cancellation Option Agreement** - agreement that allows the customer to cancel the contract under certain conditions

- **Other** - Other

- **N/A** - Not Applicable

B.1.264. DealerProductsTypeCodeContentType

This codelist is a combination of one or more code lists: DealerProductsTypeCodeEnumeratedType

B.1.265. LeaseEndOptionVehicleDecisionEnumeratedType

- **Keep Vehicle OEM Finance** - Retain current vehicle, outstanding balance financed from OEM.

- **Keep Vehicle Finance** - Retain current vehicle, outstanding balance not financed from OEM.

- **Dealer Purchase** - Return current vehicle to dealer. Dealer retains vehicle, paying with cheque/transfer

- **Dealer OEM Credit Facility** - Return current vehicle to dealer. Dealer retains vehicle, financing with existing OEM credit facility.

- **Return Vehicle OEM Finance** - Return current vehicle to dealer. Dealer returns vehicle to OEM finance

- **Undecided** - No decision has been made.

- **Uncontactable** - Could not contanct customer for a decision.

B.1.266. LeaseEndOptionVehicleDecisionContentType

This codelist is a combination of one or more code lists: LeaseEndOptionVehicleDecisionEnumeratedType

B.1.267. LeaseEndOptionFinanceDecisionContentType

This codelist is a combination of one or more code lists: LeaseEndOptionFinanceDecisionEnumeratedType

B.1.268. LeaseEndOptionFinanceDecisionEnumeratedType

- **Renew Contract** - Renew options contract, to finance a new vehicle.

- **Buy New OEM Finance** - Not renewing contract, financing new vehicle with other finance package from OEM.

- **Buy New Finance** - Not renewing contract, financing new vehicle from none-OEM source.

- **No New Vehicle** - Not renewing contract, not taking a replacement vehicle.

- **Undecided** - No decision has been made.

- **Uncontactable** - The customer was not able to be contacted.

B.1.269. RepairStatusCodeContentType

This codelist is a combination of one or more code lists: RepairStatusCodeEnumeratedType

B.1.270. RepairStatusCodeEnumeratedType

- **Modified** - The repair has be reviewed and/or fixed.

- **Inspected** - The issue has been reviewed and is waiting the appropriate action.

- **Incomplete** - The repair has neither been reviewed nor modified.

B.1.271. AcquisitionMethodTypeCodeContentType

This codelist is a combination of one or more code lists: AcquisitionMethodTypeCodeEnumeratedType

B.1.272. AcquisitionMethodTypeCodeEnumeratedType

- **Direct Ship** - Special purchasing arrangement direct from item creator only - do not stock from other sources.

- **Direct Ship PDC Backfill** - Order via Direct Ship when qualifying - backfill from PDC.

- **PDC** - Parts Distribution Center.

- **Other** - Other.

B.1.273. PartConditionCodeContentType

This codelist is a combination of one or more code lists: PartConditionCodeEnumeratedType

B.1.274. PartConditionCodeEnumeratedType

- **New** - The part is in new condition.

- **Used** - The part has been previously used.

- **Remanned** - A refurbished or reconditioned part.

- **Core** - Core

- **Other** - Other.

B.1.275. PartSalesRestrictionCodeContentType

This codelist is a combination of one or more code lists: PartSalesRestrictionCodeEnumeratedType

B.1.276. PartSalesRestrictionCodeEnumeratedType

- **0** - OK to sell the part

- **1** - Restricted distribution

- **2** - Not for Sale

B.1.277. PartOrderingRestrictionCodeContentType

This codelist is a combination of one or more code lists: PartOrderingRestrictionCodeEnumeratedType

B.1.278. PartOrderingRestrictionCodeEnumeratedType

- **0** - No restrictions

- **3** - Obsolete

- **4** - Non-USA part

- **5** - Out of Production

- **6** - No longer Procured

- **7** - Not yet Adopted

B.1.279. StockingLevelIndicatorCodeContentType

This codelist is a combination of one or more code lists: StockingLevelIndicatorCodeEnumeratedType

B.1.280. StockingLevelIndicatorCodeEnumeratedType

- **Regionally Stocked** - Regionally stocked parts will arrive quicker and have lower shipping costs for ermergency orders.

- **Focused** - Focus parts will have sufficient quantity to not stock out at a central location.

- **Normal** - Normal stocking level.

- **Other** - Other.

B.1.281. DistributionMethodCodeContentType

This codelist is a combination of one or more code lists: DistributionMethodCodeEnumeratedType

B.1.282. DistributionMethodCodeEnumeratedType

- **PDC** - Orders are shipped from a Parts Distribution Center. This could be the OEM's warehouse.

- **Direct Ship** - Item is directly shipped from the supplier's warehouse.

- **Production Only** - Need a good Description here.

- **Other** - Other.

B.1.283. BuyPercentageRateAdjustmentTypeContentType

This codelist is a combination of one or more code lists: BuyPercentageRateAdjustmentTypeEnumeratedType

B.1.284. BuyPercentageRateAdjustmentTypeEnumeratedType

- **Addition** - Indicates an addition to be made to the buy rate.

- **Subtraction** - Indicates a subtraction to be made to the buy rate.

B.1.285. TaxCreditTypeContentType

This codelist is a combination of one or more code lists: TaxCreditTypeEnumeratedType

B.1.286. TaxCreditTypeEnumeratedType

- **Hybrid Vehicle** - Hybrid Vehicle

- **Other** - Other

B.1.287. TransferStatusContentType

This codelist is a combination of one or more code lists: TransferStatusEnumeratedType

B.1.288. TransferStatusEnumeratedType

- **Processed** - The recommended transfer has been processed.

- **Unprocessed** - The recommended transfer remains unprocessed.

B.1.289. PaymentLineTypeContentType

This codelist is a combination of one or more code lists: PaymentLineTypeEnumeratedType

B.1.290. PaymentLineTypeEnumeratedType

- **Parts** - Parts

- **Labor** - Labor

- **Lubrication** - Lubrication

- **Core Amount** - Core Amount

- **Freight** - Freight

- **Sublet** - Sublet

- **Miscellaneous** - Miscellaneous

- **Shop Charge** - Shop Charge

B.1.291. TaxStatusCodeContentType

- **Paid** - The asking price already included tax so it has been paid.

- **Not Paid** - The asking price does not include tax so may not have been paid.

- **Not Applicable** - Not Applicable

- **Other** - Status not in this list.

B.1.292. PartQuantityEnumeratedType

- **QuantityOnHand** - The quantity of part currently in inventory.

- **QuantitySold** - Quantity of part sold since last inventory.

- **QuantityOfLostSale** - Potential quantity of sales lost due to non-inventory since last inventory.

- **QuantityOnOrder** - Quantity of all outstanding orders not received into inventory.

- **QuantityReOrderPoint** - Quantity that triggers dealer's reordering of part.

- **QuantityTwelveMonthSales** - Quantity sold over last 12 months (rolling).

- **QuantityTwelveMonthLostSales** - Quantity of lost sales over last 12 months (rolling).

- **BackOrderQuantity** - Quantity of part on back order

- **QuantityOfReturn** - Quantity of part returned since last inventory.

- **QuantityReserved** - Quantity of part reserved for service.

- **QuantityDealerPartStocking** - Dealer defined quantity that is to be stocked above the manufacturer recommended stocking level of the part.

- **QuantityAvailable** - The quantity the dealer has available for release from inventory. It is traditionally defined as Quantity On Hand minus reserved or encumbered parts.

- **QuantityUserMin** - User-defined minimum stocking quantity for a part.

- **QuantityUserMax** - User-defined maximum stocking quantity for a part to be held in inventory.

- **QuantityBestStockingLevel** - The optimal quantity of a part to keep on-hand based on dealer specified parameters.

- **AverageWeeklyUsageQuantity** - The average weekly usage of a part as calculated by the dealer's DMS.

- **OrderQuantityReceived** - Quantity of parts on an order that was received into inventory. Value should be month to date receipts for the calendar month.

- **LastReceiptQuantity** - The last receipt quantity. Not month to date, but the last receipt quantity for the part number.

- **MinimumOrderQuantity** - The number of items the dealer must order for the order to be processed.

- **QuantityBinning** - Quantity of part binning.

- **QuantityInTransit** - Quantity of part in transit.

- **NumberOfPicks** - Number of picks of a part since last inventory.

- **FixedOrderQuantity** - Fixed order quantity that the dealer orders when the reorder level is reached.

- **QuantityAdjustmentDaily** - Part quantity adjustments that is being removed from or added to the part inventory excluding sales or purchases for the day.

- **CustomerReservedQuantity** - Part inventory quantity reserved for customers.

- **ShipmentReservedQuantity** - Part inventory quantity reserved for shipment.

- **SpecialOrderQuantity** - Part inventory quantity reserved for special orders.

B.1.293. IncoTermsEnumeratedType

- **EXW** - Ex Works

- **FCA** - Free Carrier

- **CPT** - Carriage Paid To

- **CIP** - Carrier and Insurance Paid To

- **DAT** - Delivered at Terminal

- **DAP** - Delivered at Place

- **DDP** - Delivered Duty Paid

- **FAS** - Free Alongside Ship

- **FOB** - Free On Board

- **CFR** - Cost and Freight

- **CIF** - Cost Insurance and Freight

- **DAF** - Delivered at Frontier

- **DDU** - Delivered Duty Unpaid

- **DEQ** - Delivered ex quay (duty paid)

- **DES** - Delivered ex ship

- **FH** - Free House

- **UN** - Not Free

B.2. OAGIS 9 Code Lists

B.2.1. ActionCodeEnumerationType

- **Add** -

- **Change** -

- **Delete** -

- **Replace** -

- **Accepted** -

- **Modified** -

- **Rejected** -

B.2.2. ActionCodeContentType

This codelist is a combination of one or more code lists: ActionCodeEnumerationType

B.2.3. AgencyRoleCodeEnumerationType

- **Customer** -

- **Supplier** -

- **Manufacturer** -

- **Broker** -

- **Carrier** -

B.2.4. AgencyRoleContentType

This codelist is a combination of one or more code lists: AgencyRoleCodeEnumerationType

B.2.5. CategoryCodeEnumerationType

B.2.6. CategoryCodeContentType

This codelist is a combination of one or more code lists: CategoryCodeEnumerationType

B.2.7. ChargeBearerCodeEnumerationType

- **OUR** - All transaction charges are to be borne by the debtor.

- **BEN** - All transaction charges are to be borne by the creditor.

- **SHA** - Transaction charges on the Sender's side are to be borne by the ordering customer. Transaction charges on the Receiver's side are to be borne by the beneficiary customer.

B.2.8. ChargeBearerCodeContentType

This codelist is a combination of one or more code lists: xsd:normalizedString ChargeBearerCodeEnumerationType

B.2.9. ChargeCodeEnumerationType

B.2.10. ChargeCodeContentType

This codelist is a combination of one or more code lists: ChargeCodeEnumerationType

B.2.11. ClassificationCodeEnumerationType

B.2.12. ClassificationCodeContentType

This codelist is a combination of one or more code lists: ClassificationCodeEnumerationType

B.2.13. ChequeDeliveryMethodCodeEnumerationType

- **MLDB** - Mail to Debitor

- **MLCD** - Mail to Creditor

- **MLFA** - Mail to Final agent

- **CRDB** - Courier to debtor

- **CRCD** - Courier to creditor

- **CRFA** - Courier to final agent

- **PUDB** - Pickup by debtor

- **PUCD** - Pickup by creditor

- **PUFA** - Pickup by final agent

- **RGDB** - Registered mail to debtor

- **RGCD** - Registered mail to creditor

- **RGFA** - Registered mail to final agent

B.2.14. ChequeDeliveryMethodCodeContentType

This codelist is a combination of one or more code lists: xsd:normalizedString ChequeDeliveryMethodCodeEnumerationType

B.2.15. ChequeInstructionCodeEnumerationType

- **CCHQ** -

- **CCCH** -

- **BCHQ** -

- **DFFT** -

- **ELDR** -

B.2.16. ChequeInstructionCodeContentType

This codelist is a combination of one or more code lists: xsd:normalizedString ChequeInstructionCodeEnumerationType

B.2.17. ContactLocationCodeEnumerationType

• **Home** -

• **Work** -

B.2.18. ContactLocationCodeContentType

This codelist is a combination of one or more code lists: ContactLocationCodeEnumerationType

B.2.19. ControlAssertionEnumerationType

• **Completeness** -

• **Existence or Occurance** -

• **Presentation and Disclosure** -

• **Rights and Obligations** -

• **Valuation or Measurement** -

B.2.20. ControlAssertionContentType

This codelist is a combination of one or more code lists: xsd:normalizedString ControlAssertionEnumerationType

B.2.21. ControlCodeEnumerationType

- **Trigger** -

- **Workflow** -

- **Measurement** -

B.2.22. ControlCodeContentType

This codelist is a combination of one or more code lists: xsd:normalizedString CountryCodeEnumerationType

B.2.23. ControlComponentEnumerationType

- **Risk Assessment** -

- **Monitoring** -

- **Control Environment** -

- **Control Activities** -

- **Information and Communication** -

B.2.24. ControlComponentContentType

This codelist is a combination of one or more code lists: xsd:normalizedString ControlComponentEnumerationType

B.2.25. CountryCodeEnumerationType

B.2.26. CountryCodeContentType

This codelist is a combination of one or more code lists: CountryCodeEnumerationType

B.2.27. CountrySubdivisionCodeEnumerationType

B.2.28. CountrySubdivisionCodeContentType

This codelist is a combination of one or more code lists: CountrySubdivisionCodeEnumerationType

B.2.29. CreditTransferCodeEnumerationType

- **CASH** - Cash management transfer.

- **CORT** - Payment made in settlement of a trade

- **DIVI** - Dividend.

- **GOVT** - Government payment.

- **HEDG** - Hedging

- **INTC** - Intra-company payment

- **INTE** - Interest

- **LOAN** - Loan. Transfer of loan to borrower.

- **PENS** - Pension payment

- **SALA** - Salary payment

- **SECU** - Securities.

- **SSBE** - Social security benefit. Payment made by government to support individuals.

- **SUPP** - Supplier payment

- **TAXS** - Tax payment

- **TRAD** - Trade.

- **TREA** - Treasury payment

- **VATX** - Value added Tax payment

B.2.30. CreditTransferCodeContentType

This codelist is a combination of one or more code lists: CreditTransferCodeEnumerationType

B.2.31. CurrencyCodeContentType

This codelist is a combination of one or more code lists: clm54217:CurrencyCodeContentType

B.2.32. DayOfWeekCodeEnumerationType

- **Sunday** -

- **Monday** -

- **Tuesday** -

- **Wednesday** -

- **Thursday** -

- **Friday** -

- **Saturday** -

B.2.33. DayOfWeekCodeContentType

This codelist is a combination of one or more code lists: DayOfWeekCodeEnumerationType

B.2.34. DebitCreditCodeEnumerationType

- **Debit** -

- **Credit** -

B.2.35. DebitCreditCodeContentType

This codelist is a combination of one or more code lists: DebitCreditCodeEnumerationType

B.2.36. DeliveryPointCodeEnumerationType

B.2.37. DeliveryPointCodeContentType

This codelist is a combination of one or more code lists: DeliveryPointCodeEnumerationType

B.2.38. EMailFormatCodeEnumerationType

- **HTML** -

- **Rich Text** -

- **Plain Text** -

B.2.39. EMailFormatCodeContentType

This codelist is a combination of one or more code lists: EMailFormatCodeEnumerationType

B.2.40. EngineeringActivityCodeEnumerationType

- **amendment** - An activity to add information to product data

- **analysis** - An activity to determine the behavior of an element under certain physical circumstances

- **cancellation** - An activity to delete an element from the bill of material or to cancel he whole bill of material

- **deliveryChange** - An actity to change the delivery schedule of an element

- **designChange** - An activity to change the design of an item or an assembly; this might include changes to the geometry or to the properties of the object

- **design** - An activity concerning the development of a design of an item

- **mockUpCreation** - An activity to create an experimental model or replica of an item

- **protoypeBuilding** - An activity to manufacture a preliminary version of an item

- **rectification** - An activity to correct the data, documentation or structure associated wih an item

- **restructuring** - An activity to create an new structure or position within a bill of material without changin the data associated with the items in the bill of material

- **sparePartCreation** - An activity to design a spare part or to classify an item as a spare part

- **stopNotice** - An activity to stop the manufacturing process of an item

- **testing** - An activity to test an item

B.2.41. EngineeringActivityCodeContentType

This codelist is a combination of one or more code lists: EngineeringActivityCodeEnumerationType

B.2.42. EngineeringWorkOrderCodeEnumerationType

- **designDeviationPermit** - An authorization for a deviation from the approved design data

- **designRelease** - An auhorization for the design of a product or of an item or o create a bill of material

- **managementResolution** - An authorization by a committee, such as the board of directos, to design or change an item

- **manufacturingRelease** - An authorization for the manufacturing process of a product or of an item

- **productionDeviationPermit** - An authorization for a deviation from the approved manufacturing process

B.2.43. EngineeringWorkOrderCodeContentType

This codelist is a combination of one or more code lists: EngineeringWorkOrderCodeEnumerationType

B.2.44. EngineeringWorkRequestCodeEnumerationType

- **ChangeOfStandard** - A request to translate a change to a standard into action

- **CostReduction** - A request aimed at reducing the engineering and manufacturing costs of an item

- **CustomerRejection** - A request resulting from a rejection by a customer

- **CustomerRequest** - A request for an activity that is necessary to solve the request of a customer

- **DurabilityImprovement** - A request aimed at extending the life time of an item

- **GovernmentRegulation** - A request resulting from legal requirements

- **ProcurementAlignment** -

- **ProductionAlignment** -

- **ProductionRelief** -

- **ProductionRequirement** -

- **QualityImprovement** -

- **SecuriyReason** -

- **Standardization** -

- **SupplierRequest** -

- **TechnicalImprovement** -

- **ToolImprovement** -

B.2.45. EngineeringWorkRequestCodeContentType

This codelist is a combination of one or more code lists: EngineeringWorkRequestCodeEnumerationType

B.2.46. EngineeringWorkRequestStatusCodeEnumerationType

- **inWork** -

- **issued** -

B.2.47. EngineeringWorkRequestStatusCodeContentType

This codelist is a combination of one or more code lists: EngineeringWorkRequestCodeEnumerationType

B.2.48. FinalAgentInstructionCodeEnumerationType

- **CHQB** - Pay creditor only by cheque. The creditor's account number must not be specified.

- **HOLD** - Hold cash for creditor. Creditor will call; pay upon identification.

- **PHOB** - Please advise/contact beneficiary/claimant by phone.

- **TELB** - Please advise/contact beneficiary/claimant by the most efficient means of telecommunication.

B.2.49. FinalAgentInstructionCodeContentType

This codelist is a combination of one or more code lists: xsd:normalizedString FinalAgentInstructionCodeEnumerationType

B.2.50. FreightTermCodeEnumerationType

B.2.51. FreightTermCodeContentType

This codelist is a combination of one or more code lists: FreightTermCodeEnumerationType

B.2.52. GenderCodeEnumerationType

- **Male** -

- **Female** -

- **Unknown** -

B.2.53. GenderCodeContentType

This codelist is a combination of one or more code lists: GenderCodeEnumerationType

B.2.54. IncotermsCodeEnumerationType

B.2.55. IncotermsCodeContentType

This codelist is a combination of one or more code lists: IncotermsCodeEnumerationType

B.2.56. LanguageCodeContentType

This codelist is a combination of one or more code lists: xsd:normalizedString clm5639:LanguageCodeContentType

B.2.57. LicenseTypeCodeEnumerationType

- **Import** -

- **Export** -

B.2.58. LicenseTypeCodeContentType

This codelist is a combination of one or more code lists: LicenseTypeCodeEnumerationType

B.2.59. MaritalStatusCodeEnumerationType

- **Divorced** -

- **Married** -

- **NeverMarried** -

- **Separated** -

- **SignificantOther** -

- **Widowed** -

- **Unknown** -

B.2.60. MaritalStatusCodeContentType

This codelist is a combination of one or more code lists: MaritalStatusCodeEnumerationType

B.2.61. MatchCodeEnumerationType

- **2** -

- **3** -

- **4** -

B.2.62. MatchCodeContentType

This codelist is a combination of one or more code lists: MatchCodeEnumerationType

B.2.63. MatchDocumentEnumerationType

- **Invoice** -

- **Purchase Order** -

- **Receipt** -

- **Inspection** -

B.2.64. MatchDocumentContentType

This codelist is a combination of one or more code lists: MatchDocumentEnumerationType

B.2.65. MIMECodeContentType

This codelist is a combination of one or more code lists: clmIANAMIMEMediaTypes:BinaryObjectMimeCodeContentType

B.2.66. PartyCategoryCodeEnumerationType

- **Organization** -

- **Individual** -

B.2.67. PartyCategoryCodeContentType

This codelist is a combination of one or more code lists: PartyCategoryCodeEnumerationType

B.2.68. PartyRoleCodeEnumerationType

B.2.69. PartyRoleCodeContentType

This codelist is a combination of one or more code lists: PartyRoleCodeEnumerationType

B.2.70. PaymentBasisCodeEnumerationType

- **InvoiceDate** -

- **ShippingDate** -

- **DeliveryDate** -

- **PurchaseOrderDate** -

- **ReceiptOfGoodsDate** -

- **AcceptanceOfGoodsDate** -

- **AcceptanceOfOrderDate** -

B.2.71. PaymentBasisCodeContentType

This codelist is a combination of one or more code lists: PaymentBasisCodeEnumerationType

B.2.72. PaymentPurposeCodeEnumerationType

- **ADVA** -

- **AGRT** -

- **ALMY** -

- **BECH** -

- **BENE** -

- **BONU** -

- **CASH** -

- **CBFF** -

- **CHAR** -

- **CMDT** -

- **COLL** -

- **COMC** -

- **COMM** -

- **CONS** -

- **COST** -

- **CPYR** -

- **DBTC** -

- **DIVI** -

- **FREX** -

- **GDDS** -

- **GOVT** -

- **HEDG** -

- **IHRP** -

- **INSU** -

- **INTC** -

- **INTE** -

- **LICF** -

- **LOAN** -

- **LOAR** -

- **NETT** -

- **PAYR** -

- **PENS** -

- **REFU** -

- **RENT** -

- **ROYA** -

- **SALA** -

- **SCVE** -

- **SECU** -

- **SSBE** -

- **SUBS** -

- **TAXS** -

- **TREA** -

- **VATX** -

- **VENP** -

B.2.73. PaymentPurposeCodeContentType

This codelist is a combination of one or more code lists: xsd:normalizedString PaymentPurposeCodeEnumerationType

B.2.74. PaymentMethodCodeEnumerationType

- **Cash** -

- **Cheque** -

- **CreditCard** -

- **DebitCard** -

- **ElectronicFundsTransfer** -

- **ProcurementCard** -

- **BankDraft** -

- **PurchaseOrder** -

- **CreditTransfer** -

B.2.75. PaymentMethodCodeContentType

This codelist is a combination of one or more code lists: PaymentMethodCodeEnumerationType

B.2.76. PaymentSchemeCodeEnumerationType

- **ACH** - Payment has to be executed through an Automated Clearing House

- **RTGS** - Payment has to be executed through Real time gross settlement system.

- **Fednet** - Payment has to be executed through FedNet

- **CHIPS** - Payment has to be executed through CHIPS.

B.2.77. PaymentSchemeCodeContentType

This codelist is a combination of one or more code lists: xsd:normalizedString PaymentSchemeCodeEnumerationType

B.2.78. PaymentTermCodeEnumerationType

- **Net20** -

- **Net30** -

- **Net45** -

- **Net60** -

- **10Percent30** -

B.2.79. PaymentTermCodeContentType

This codelist is a combination of one or more code lists: PaymentTermCodeEnumerationType

B.2.80. ProcessCategoryEnumerationType

- **Routine** -

- **Non-Routine** -

- **Estimating** -

B.2.81. ProcessCategoryContentType

This codelist is a combination of one or more code lists: xsd:normalizedString ProcessCategoryEnumerationType

B.2.82. ReasonCodeEnumerationType

B.2.83. ReasonCodeContentType

This codelist is a combination of one or more code lists: ReasonCodeEnumerationType

B.2.84. RecurrencePatternCodeEnumerationType

- **Daily** -

- **Weekly** -

- **Monthly** -

- **Yearly** -

B.2.85. RecurrencePatternCodeContentType

This codelist is a combination of one or more code lists: RecurrencePatternCodeEnumerationType

B.2.86. RemitLocationMethodCodeEnumerationType

- **FAX** - Remittance advice information needs to be faxed.

- **EDI** - Remittance advice information needs to be sent through Electronic Data Interchange.

- **URI** - Remittance advice information needs to be sent to a Uniform Resource Identifier (URI). URI is a compact string of characters that uniquely identify an abstract or physical resource. URI's are the super-set of identifiers, such as URLs, email addresses, ftp sites, etc, and as such, provide the syntax for all of the identification schemes.

- **EML** -

- **PST** -

B.2.87. RemitLocationMethodCodeContentType

This codelist is a combination of one or more code lists: xsd:normalizedString RemitLocationMethodCodeEnumerationType

B.2.88. ResourceTypeCodeEnumerationType

B.2.89. ResourceTypeCodeContentType

This codelist is a combination of one or more code lists: ResourceTypeCodeEnumerationType

B.2.90. ResponseActionCodeEnumerationType

- **Accepted** -

- **Modified** -

- **Rejected** -

B.2.91. ResponseActionCodeContentType

This codelist is a combination of one or more code lists: ResponseActionCodeEnumerationType

B.2.92. ResponseCodeEnumerationType

- **Always** -

- **OnError** -

- **Never** -

B.2.93. ResponseCodeContentType

This codelist is a combination of one or more code lists: ResponseCodeEnumerationType

B.2.94. RiskTypeEnumerationType

- **Compliance with applicable laws and regulations** -

- **Effectiveness and efficiency of operations** -

- **Reliability of Financial Statements** -

B.2.95. RiskCodeContentType

This codelist is a combination of one or more code lists: xsd:normalizedString RiskTypeEnumerationType

B.2.96. SalesActivityCodeEnumerationType

- **LiteratureRequest** -

- **NewLead** -

- **DeadContent** -

- **TrafficReport** -

- **Sold** -

- **EMail** -

- **Letter** -

- **Fax** -

B.2.97. SalesActivityCodeContentType

This codelist is a combination of one or more code lists: SalesActivityCodeEnumerationType

B.2.98. SalesTaskCodeEnumerationType

- **Meeting** -

- **ConferenceCall** -

- **FollowUp** -

- **EMail** -

B.2.99. SalesTaskCodeContentType

This codelist is a combination of one or more code lists: xsd:normalizedString SalesTaskCodeEnumerationType

B.2.100. StateCodeEnumerationType

B.2.101. StateCodeContentType

This codelist is a combination of one or more code lists: StateCodeEnumerationType

B.2.102. SystemEnvironmentCodeEnumerationType

- **Production** -

- **Test** -

B.2.103. SystemEnvironmentCodeContentType

This codelist is a combination of one or more code lists: SystemEnvironmentCodeEnumerationType

B.2.104. TaxCodeEnumerationType

B.2.105. TaxCodeContentType

This codelist is a combination of one or more code lists: TaxCodeEnumerationType

B.2.106. TransferCodeEnumerationType

- **Complete** -

- **Return** -

B.2.107. TransferCodeContentType

This codelist is a combination of one or more code lists: TransferCodeEnumerationType

B.2.108. UnitCodeContentType

This codelist is a combination of one or more code lists: clm66411:UnitCodeContentType

B.3. NMMA Code Lists

B.3.1. BoatLengthContentType

- **Length Overall** - The overall length of the boat.

- **Length Of Deck** - The length of the boat's deck.

- **Length At Water Line** - The length of the boat at the water line.

- **Nominal Length** - The nominal or advertised length of the boat.

B.3.2. BoatDraftContentType

- **Max Draft** - Maximum Draft

- **Drive Up** - Draft with engine up.

- **Drive Down** - Draft with engine down.

- **Keel Up** - Draft with keel up.

- **Keel Down** - Draft with keel down.

B.3.3. BoatCategoryContentType

- **Power** - A boat propelled by an internal-combustion engine

- **Fish** - A vessel for fishing;

- **Sail** - A boat which uses the wind as its primary means of propulsion.

- **Personal Water Craft** - Personal Water Craft or PWC is a power driven ship that- has a fully enclosed hull; and does not take on water if capsized; and is designed to be operated by a person standing, sitting astride, or kneeling on it, but not seated within it

- **Small Boats** - Dinghies, rafts, kayaks, canoes, row boats and other forms of smaller floatable vessels.

- **Commercial** - A vessel used for commerce, for-profit activities, or trade.

B.3.4. BoatClassContentType

- **Air Boat** - Also called fan boats, these are flat-bottomed punts powered by a propeller attached to an automobile or aircraft engine.

- **Aluminum Fish Boats** - A type of boat used primary for fishing constructed of an alumium body.

- **Antique and Classics** - Includes wooden hull boats, antique as determined by age, or no longer supported by the boat builder.

- **Barge** - A large, flat-bottomed vessel for carrying cargo, towed behind or pushed by a tugboat.

- **Bass Boats** - Low, flat-bottomed powerboat usually equipped with an outboard as well as small trolling motor.

- **Bay Boats** - Low profile, inshore fishing boat intended for use in protected coastal waters, and frequently made with rolled edge construction.

- **Beach Catamarans** - A small, lightweight sailboat less than 25ft long that can be easily launched and retrieved from a beach.

- **Bluewater Fishing** - Mid to large V-hulled boat suitable for offshore fishing, typically fitted with outriggers, fish boxes, aluminum towers, a host of electronics and large fuel tank.

- **Bowrider** - A runabout with seating area in the bow.

- **Canoe** - A long narrow boat propelled by paddles or a paddle.

- **Center Consoles** - A fishing boat with helm station located amidships for maximum walk through space around the perimeter of the boat.

- **Charter** - A boat rental either 1. with paid crew, called a crewed charter or 2. without paid crew, called a bareboat charter.

- **Combination Carrier** - A ship for transportation of both liquid and dry bulk cargoes.

- **Commercial Boats** - Boats used for activities which receive payment, such as fishing boats, hire boats, etc.

- **Crabber** - Crab fishing boats which vary in shape and size, from aluminum skiffs with outboard motors that fish the inside waters for Dungeness, to seagoing vessels of 100' or more that fish for king crab. The decks of a crabber are usually stacked with pots.

- **Crew** - A rowing boating used in the sport of crew. Also a large powerful boat used for tranporting crew members or supplies.

- **Cruisers** - A boat where living accomodations and comfort are given precedence over performance and speed.

- **Cuddy Cabin** - Small cabin below decks with limited space for shelter or amenities.

- **Cutter** - Similar to a sloop, a single-masted fore-and-aft-rigged sailing vessel.

- **Convertible Boats** - Powerboat with a flying bridge, outfitted with both fishing gear and comfortable accomodations.

- **Daysailers** - A boat without a cabin used for short sails or racing.

- **Deck Boats** - A boat with a single-level deck and often rails or gunnels all around. A runabout with an extra wide bow seating area.

- **Dinghies** - A small boat used as tender or a small racing boat.

- **Dive Boat** - A powerboat specially equipped to support SCUBA and other diving operations.

- **Dragger** - A fishing boat operating a trawl or dragnet.

- **Dual Console** - A type of boat with twin dashboards separated by a centerline walk-through-deck leading to the bow.

- **Express Cruiser** - A planing powerboat with a comfortable cockpit for entertaining, helm on the same level, and cabin below. A crusing boat without a deck-level salon.

- **Flats Boats** - A shallow-draft boat, usually fiberglass, with tilting outboard engines to allow access to shallow water and saltwater flats for fishing.

- **Flybridge** - A high steering position above the normal wheelhouse on a power cruiser.

- **Folding Boat** - A small collapsible boat typically ranging between 8 to 12 feet. Typically made of highly bouyant material some designs literally can be folded for stowage and off water transport.

- **Freshwater Fishing** - Any fishing boat used in fresh water. Boat may not be equipped to handle the harsh saltwater environment.

- **High Performance Boats** - A watercraft that can exceed 50 miles per hour.

- **House Boats** - Boxy, flat-bottomed or pontoon boat usually used in lakes and rivers.

- **Inflatables** - An inflatable boat or personal floatation device (life jacket)

- **Jet Boats** - A waterfraft propelled by an engine that drives a jet pump and has no external propeller.

- **Jon Boats** - Multi-purpose camping, fishing and hunting craft, typically aluminum and powered by a small outboard or oars.

- **Kayak** - A light, closed, narrow, generally sea-going boat propelled by single- or double-bladded paddles.

- **Ketch** - Two-masted sailing rig in which the mizzen (aft) mast is shorter than the main mast and stepped in front of the rudder post.

- **Longliner** - A type of fishing vessel that is used to fish different species with equipment to support longline fishing, which entails suspending baited hooks at intervals on droppers from a heavy main line that may extend many feet or kilometres.

- **Mega Yachts** - A pleasure yacht, usually worth more than 1 million dollars with full time paid captain and crew. A "Megayacht" is a motoryacht in excess of 100 feet LOA

- **Motor Yachts** - A large and luxurious powerboat designed for comfortable cruising.

- **Motorsailers** - A boat that is designed for propulsion by both sails and engine power, either alternately or simultaneously OR a sailboat with a larger than normal engine and spacious accomodations designed to motor moe and sail less than typical sailboats.

- **Multi-Hulls** - A boat designed with more than one hull, such as a catamaran or trimaran.

- **Other** - Boat class not known or specified.

- **Passenger** - A powerboat designed for the transportation of people.

- **Personal Watercraft** - PWC; small, jet-driven one- or two-seater motorboat, also called a wet bike.

- **Pilothouse** - The place on a vessel that houses the helm and protects the helmsperson from the elements.

- **Pontoon Boats** - A flat, usually square deck boat with aluminum, steel or composite pontoons.

- **Power Catamarans** - A multihulled powerboat with two identical side-by-side hulls.

- **Power Cruisers** - A powerboat with overnight accommodations, typically up to 40 feet long.

- **Processor** - Also known as a factory ship, processors receive a fish catch from other boats. They, gut, package and freeze the catch. This allows the fish to be frozen as soon as possible after catch, and permits the boat(s) to stay at sea longer before returning to port to unload the packaged catch.

- **Racers and Cruisers** - A fast sailboat designed with comfortable accommodations, often 'one design' yachts that are eligible for one design class racing

- **Racers** - A boat designed for speed and ease of handling, often at the expense of comfort.

- **Runabouts** - A powerboat less than 25 feet designed for cruising and watersports. May have outboard or sterndrive engine.

- **Saltwater Fishing** - Any fishing boat used in the ocean or coastal waters that's specially equipped to handle the harsh saltwater environment

- **Schooner** - Fore-and-aft rigged sailing vessel with two to six masts, with the fore mast shorter than the main mast.

- **Sea Kayak** - An ocean going or seaworthy kayak, able to withstand adverse conditions of weather and sea.

- **Seiner** - A seiner is so named because it fishes with a net called a seine that is laid out in a circle around a school of fish and drawn into a purse that closes the bottom, trapping the catch inside.

- **Ski and Fish** - A powerboat designed for both towing waterskiers and recreational fishing

- **Ski and Wakeboard Boats** - Low profile, pleasure boats with minimal deadrise specifically designed for waterskiing and/or wakeboarding.

- **Skiff** - A small open boat, generally with an outboard engine.

- **Sloop** - A boat with a single mast and working sails(genoa and main)set fore and after respectively.

- **Sports Fishing Boats** - A type of bluewater fishing boat with at least two sleeping cabins and many dedicated fish-fighting features

- **Sternpicker** - Also known as a gillnetter, this type of boat is used in troll, crab and sport fishery. Usually 30-40 feet long, with curtain-like nets

- **Submarine** - A vessel that can operate submerged.

- **Tender** - A small boat used to transport persons, gear, and supplies to and from a yacht or other pleasure vessel, a dinghy.

- **Troller** - Used primarily on the salmon grounds off southeast Alaska and in deep-ocean albacore tuna fisheries, these fishing boats range in size from small skiffs to offshore boats of up to seventy feet.

- **Tug** - A boat used to maneuver, primarily by towing or pushing other vessels in harbours, over the open sea or through rivers and canals. They are also used to tow barges, disabled ships, or other equipment like towboats.

- **Tuna** - A fishing boat equipped with a tall aluminum "tuna tower" used for spotting fish in the distance, often equipped with a second set of helm controls.

- **Unspecified** - Boat class is unknown or not specified

- **Utility Boats** - Small, inexpensive all purpose boats similar to jon boats. Typically constructed of steel with flat bottoms.

- **Walkarounds** - A open motorboat with cockpit-level deck access all around the console or cabin.

- **Yawl** - A two-masted sailboat with a main mast and smaller mizzen mast stepped after of the rudder post.

- **Angler** - An open fishing boat designed for offshore or large bays and lakes

- **Downeast** - A type of yacht used traditionally for lobster and other types of fishing off the coast of Maine, normally measuring between 20 and 50 feet in length.

- **Submersible** - A craft that can go underwater and explore, and collect samples.

- **Trawlers** - Large, long distance powerboats with stable, comfortable cabins and creature comforts for living aboard.

- **Cargo Ship** - General purpose freight ship. Often configured with onboard cranes for autonomous materials handling.

- **Container Ship** - Ship designed to efficiently transport standard 20 and 40 foot shipping containers.

- **Cruise Ship** - Large passenger ship designed for ocean cruising and providing comfortable accommodation and resort-like facilities.

- **Dredger** - Specialized vessel for excavating the sea floor to provide depth in harbors and navigation channels.

- **Ferry** - Passenger and/or roll-on roll-off vehicle carrying ship designed for scheduled sea, lake or river crossings.

- **Fire Boat** - Fire-fighting boat.

- **Floatel** - Floating accommodation barge. Typically used for accommodating construction or drilling workers close to work site.

- **Floating Dry Dock** - High sided semi-submersible barge that provides floating dry-dock facilities.

- **Ice Breaker** - Powerful heavily built ship designed to clear navigation channels in frozen seas.

- **Landing Craft** - Shallow draft vessel used for landing vehicles, passengers or animals in shallow waters and beaches.

- **Life Boat** - Rugged boat carried aboard ships for use in the event of emergency.

- **Patrol Boat** - High performance ship used for marine security. Typically naval or coastguard type vessels.

- **Pilot Boat** - High performance work boat designed with good seakeeping qualities and wide deck access for delivering port pilots to and from visiting ships.

- **Platform Barge** - Flat decked barge for carrying cranes, excavators or other heavy equipment on the water.

- **Rescue Boat** - Specialist high performance vessel designed to rescue mariners in distress in the roughest of sea conditions.

- **Research Ship** - Ship equipped for exploration or other research work at sea. Self-contained for extended periods at sea.

- **Supply Ship** - Offshore support and supply vessel.

- **Tanker** - Crude oil or gas carrier

- **Water Taxi** - Small shuttle boat for carrying passengers short distances around harbours, marinas or islands.

- **Dory** - Open boat with highly stable cathedral hull configuration. Popularly used as a tender, for fishing and in club safety work.

- **Lobster Boat** - Open water work boat designed for easy transport, setting and recovery of lobster pots.

- **Aft Cabin** - Power cruiser with an aft cabin.

- **Hover Craft** - An air-cushion vehicle capable of operating over water or land. Used both recreationally and commercially.

- **Hydrofoil** - Fast motor boat with wing-like foils attached to the hull. Designed to raise the hull out of the water at speed.

- **Hydroplane** - Racing power boat designed for high speed over the water with minimal surface contact.

- **Motor Barge** - European motor barges traditionally used for cargo, but now being built as cruising and liveaboard barges.

- **Narrow Boat** - Narrow beam boat designed to navigate the narrow British canal network. Originally working cargo boats; now entirely recreational.

- **Rigid Cabin Inflatable** - Large inflatable with enclosed cabin accommodation or wheelhouse.

- **Rigid Dive and Rescue Inflatable** - Heavy duty rigid inflatable designed for easy entry and recovery from the water.

- **Rigid Sports Inflatable** - Recreational inflatable designed for passenger comfort and/or high performance. Commonly used as a yacht tender or runabout day boat.

- **River Cruiser** - Shallow draft and low air-draft full displacement motor cruiser designed for inland waterways. Typically configured with a modest single engine.

- **Roll Up Inflatable** - Soft floor inflatable that can be deflated and stowed in a locker or car trunk.

- **Side Console** - Sports or fishing boat with a single console offset to one side.

- **Sports Cruiser** - Equivalent to an Express Cruiser; more commonly used in Europe.

- **Gulet** - Large wooden heavily constructed Turkish motor sailing yacht. Typically 50 to 100+ feet in length

- **Sailing Barge** - European sailing barges traditionally used for cargo, but now being built and used as cruising and liveaboard barges.

- **Rowing Shell** - Single, double, four or eight man sculling or rowing boat. Generally constructed in either racing or recreational styles.

- **Duck Boat** - A boat developed for the primary purpose of hunting water fowl.

- **Deck Saloon** - A sailing yacht with a raised saloon, but no inside steering position.

- **Center Cockpit** - Sailing vessel with cockpit located amidships, allowing for a larger aft cabin

- **Catamaran** - Two hulled sailing vessel

- **Trimaran** - Three hulled sailing vessel

B.3.5. BoatHullMaterialContentType

- **Aluminum** - The primary material used for construction of the hull is aluminum

- **Composite** - Material used for construction of the hull is a composite - often plastics reinforced with fibers other than (or in addition to) glass

- **Ferro Cement** - The primary material used for construction of the hull is Ferro Cement, a type of steel reinforced cement

- **Fiberglass** - The primary material used for construction of the hull is fiberglass

- **Hypalon** - The primary material used for construction of the hull is Hypalon, a trademark for chlorosulfonated polyethylene (CSPE) synthetic rubber (CSM) noted for its resistance to chemicals, temperature extremes, and ultraviolet light. It is a product of DuPont Performance Elastomers.

- **Other** - Other

- **PVC** - The primary material used for construction of the hull is PVC

- **Roplene** - The primary material used for construction of the hull is roplene, a type of roto-molded plastic.

- **Steel** - The primary material used for construction of the hull is steel

- **Wood** - The primary material used for construction of the hull is wood

- **Carbon Fiber** - The primary material used for construction of the hull is carbon fiber, a space age, relatively expensive material.

- **Rubber** - The primary material used for construction of the hull is rubber

- **Cold-Molded** - Cold-molded hulls are made over a male form using thin strips of wood, stapled and then epoxied in place. That is repeated with the strips going in alternating diagonal directions. Sometimes there is an outer layer of fiberglass as well.

B.3.6. BoatKeelContentType

- **3/4 Keel** - A keel with length approximately 75% as long as the boat's hull.

- **Detachable Keel** - A keel design that can be removed for transport and stowage. See daggerboard, centreboard or retractable.Â

- **Full Keel** - A keel with length approximately as long as the boat's hull

- **Fin Keel** - A keel shaped like the fin of a fish that is shorter and deeper than a full-length keel.

- **Ocean Keel** - A canting keel with large bulb found on ocean going racing yachts.

- **Retractable Keel** - A keel design that can be raised or lowered for movement in shallow water or for transportation

- **Other** - Keel type is unknown or unlisted

- **Twin Keel** - Two fin keels side by side enabling the yacht to sit upright when out of the water. Also known as a bilge keel.

- **Bulb Keel** - A type of fin keel with a bulb at the bottom to lower the centre of gravity

- **Winged Keel** - A type of bulb keel but with a wing.

- **Lifting Keel** - A keel that pivots on it's forward edge enabling the keel to be lifted. Also known a a Swing Keel.

- **Daggerboard Keel** - A keel that can be raised vertically (usually by electric or hydraulic means) to reduce draught. May also be referred to as centreboard or retractable.

- **Canting Keel** - A canting keel is a form of sailing ballast, suspended from a rigid canting strut beneath the boat, which can be swung to windward of a boat under sail, in order to counteract the heeling force of the sail. The canting keel must be able to pivot to either port or starboard, depending on the current tack

- **Triple Keel** - Three fin keels side by side enabling the yacht to sit upright when out of water.

- **Centerboard** - A retractable keel which pivots out of a slot in the hull of a sailboat, known as a centerboard trunk (US) or case.

B.3.7. BoatHullDesignContentType

- **Catamaran** - A hull design consisting of two hulls joined by a frame

- **Deep Vee** - A hull shape characterized by a sharp deadrise, typically more than 20 degrees

- **Displacement** - A hull shape designed to run through water rather than on top of it in the manner of a planing hull.

- **Flat** - Typically a small open boat such as a jon boat, intended for use on calm waters such as ponds, small lakes, and slow rivers.

- **Foldable** - A type of boat hull design that folds for stowage or transport, including inflatables.

- **Modified Vee** - A modification of the deep-V hull shape with a deadrise of less than 20 degrees

- **Monohull** - A type of boat having only one hull

- **Other** - Hull Design not known or specified

- **Pontoon** - A type of boat with a flat deck attached to airtight flotation tubes or logs.

- **RIB** - Rigid Inflatable Boat: An inflatable boat fitted with a rigid bottom

- **Roll-up** - An inflatable hull that can be rolled up for storage

- **Round Bottom** - Boats having a round shaped bottom for moving through water easily at slow speeds. Examples include some trawlers, canoes and sailboats

- **Sea-V2** - A SeaV2 hull design has no two places on the keel where the deadrise is the same. The vee continuously sharpens from the transom to the bow stem

- **Semi Displacement** - A hull shape with soft chines or a rounded bottom that enables the boat to achieve minimal planing characteristics.

- **Trimaran** - A multihull design consisting of a main hull and two smaller outrigger hulls attached to the main hull with lateral struts

- **Tunnel** - A catamaran. Essentially two deep-v hulls joined by a platform/cockpit area.Â This design offers benefits in stability, speed, and roominess

- **Inflatable Rigid** - A type of boat with air chambers into which air is pumped either manually or automatically for buoyancy without a rigid bottom.

- **Inflatable Non Rigid** - A type of boat with air chambers into which air is pumped either manually or automatically for buoyancy, without a rigid bottom.

- **Inflatable Ridged** - Deprecated: Use Inflatable Rigid

- **Inflatable Non Ridged** - Deprecated: Use Inflatable Non Rigid

- **Inflatable Ridgid** - Deprecated: Use Inflatable Rigid

- **Inflatable Non Ridgid** - Deprecated: Use Inflatable Non Rigid

- **Planing** - Hulls designed to ride on top of the water, regardless of the weight of the boat.

B.3.8. BoatEngineLocationContentType

- **Port** - Port

- **Center Port** - Center Port

- **Starboard** - Starboard

- **Center Starboard** - Center Starboard

- **Center** - Center

- **Bow** - Bow

B.3.9. DisplacementMeasureTypeContentType

- **Dry Load** - No load.

- **Half Load** - 50 percent load

- **Full Load** - 100 percent load

B.3.10. TankUsageCodeContentType

- **Water** - Water

- **Grey Water** - Water that has been used for one purpose but can be used again without repurification.

- **Black Water** - Waste water that needs purification or other processing before it can be reused.

- **Fuel** - Any material that is burnt or altered in order to obtain energy.

- **Ballast** - Controls buoyancy and stability.

- **Other** - Usage not defined in this list.

- **Water Heater** -

B.3.11. TankMaterialCodeContentType

- **Steel** - Steel

- **Stainless Steel** - Stainless Steel

- **Aluminum** - Aluminum

- **Plastic** - Plastic

- **GRP** - Glass Re-enforced Plastic

- **Other** - Usage not defined in this list.

B.3.12. AccommodationTypeCodeContentType

- **Bathroom** - Bathroom

- **Head** - Head or toilet

- **Cabin** - Cabin

- **Stateroom** - Stateroom

- **SingleBerth** - A single room or bunk.

- **TwinBerth** - A twin room or bunk.

- **DoubleBerth** - A twice the size of a single berth room or bunk.

- **Other** - A type not defined in this list.

B.3.13. WindlassTypeCodeContentType

- **Hydraulic** - Moved by, or operated by a fluid, especially water, under pressure.

- **Electric** - Powered by or operated by electricity

- **Manual** - Manual

B.4. XFront.com Units of Measure

B.4.1. TemperatureUnitsContentType

- **celsius** - Celsius

- **farenheit** - Farenheit

- **kelvin** - Kelvin

B.4.2. LengthUnitsContentType

- **angstrom** - Angstrom

- **A** - Paper Size

- **nanometer** - Nanometer

- **normal metric** - Normal Metric

- **micron** - Micron

- **millimeter** - Millimeter

- **centimeter** - Centimeter

- **decimeter** - Decimeter

- **meter** - Meter

- **kilometer** - Kilometer

- **yottameter** - Yotta Meter

- **milli-inch** - Milli-Inch

- **inch** - Inch

- **feet** - Feet

- **yard** - Yard

- **hand** - Hand

- **link** - Link

- **chain** - Chain

- **span** - Span

- **cubit** - Cubit

- **vara** - Vara

- **fathom** - Fathom

- **rod** - Rod

- **perch** - Perch

- **pole** - Pole

- **furlong** - Furlong

- **cable** - Cable

- **nautical mile** - Nautical Mile

- **league** - League

- **degree** - Degree

- **pixel** - Pixels do not have a fixed size; their diameters are generally measured in micrometers (microns). Although the pixel is not a unit of measurement itself, pixels are often used to measure the resolution (or sharpness) of images. As a hypothetical example, a 600 x 1000 pixel image has 4 times the pixel density and is thus 4 times sharper than a 300 x 500 pixel image, assuming the two images have the same physical size.

- **mile** - Mile

B.4.3. WeightUnitsContentType

- **gram** - Gram

- **kilogram** - Kilogram

- **ounce** - Ounce

- **pound** - Pound

- **ton** - Ton

- **grain** - Grain

- **scruple** - Scruple

- **carat** - Carat

- **pennyweight** - Penny Weight

- **dram** - Dram

- **stone** - Stone

- **quarter** - Quarter

- **slug** - Slug

- **metric ton** - Metric Ton

- **long ton** - Long Ton

B.4.4. VolumeUnitsContentType

- **milliliter** - Milliliter

- **cubic centimeter** - Cubic Centimeter

- **cubic meter** - Cubic Meter

- **liter** - Liter

- **fluid ounce** - Fluid Ounce

- **pint** - Pint

- **quart** - Quart

- **gallon** - Gallon

- **gill** - Gill

- **board foot** - Board Foot

- **peck** - Peck

- **cubic inch** - Cubic Inch

- **cubic foot** - Cubic Foot

- **cubic yard** - Cubic Yard

- **bushel** - Bushel

- **barrel** - Barrel

- **hogshead** - Hogshead

- **tun** - Tun

- **stere** - Stere

- **chaldron** - Chaldron

- **register ton** - Register Ton

- **cord** - Cord

- **acre foot** - Acre Foot

- **acre inch** - Acre Inch

- **imperial gallon** - A traditional unit of volume equal to about 1.201 U.S. liquid gallon or 4.546 liters. In Canada, the term "Imperial" is used frequently to distinguish the British Imperial units from the corresponding U.S. units.

B.4.5. AreaUnitsContentType

- **square meter** - Square Meter

- **square kilometer** - Square Kilometer

- **square inch** - Square Inch

- **square foot** - Square Foot

- **square yard** - Square Yard

- **square mile** - Square Mile

- **square rod** - Square Rod

- **circular inch** - Circular Inch

- **circular mil** - Circular Millimeter

- **acre** - Acre

- **rood** - Rood

- **hectare** - Hectare

- **township** - Township

B.4.6. CookingUnitsContentType

- **cup** -

- **c** -

- **tablespoon (US)** -

- **tbsp (US)** -

- **tblsp (US)** -

- **tablespoon (UK)** -

- **tbsp (UK)** -

- **tblsp (UK)** -

- **teaspoon (US)** -

- **tsp (US)** -

- **teaspoon (UK)** -

- **tsp (UK)** -

- **drop** -

- **dash** -

- **pinch** -

- **fluid ounce (US)** -

- **fluid ounce (UK)** -

- **fl oz** -

- **pint (US liq.)** -

- **pint (US dry)** -

- **pint (UK)** -

- **quart (US liq.)** -

- **quart (US dry)** -

- **liter** -

- **gallon (US liq.)** -

- **gallon (US dry)** -

- **gallon (UK)** -

- **peck** -

- **bushel** -

- **gill (US)** -

- **gill (UK)** -

- **fluid dram** -

- **fluiddram** -

- **fl dr** -

- **coffeespoon** -

B.4.7. SpeedUnitsContentType

- **miles per hour** - Miles Per Hour

- **meters per second** - Meters Per Second

- **kilometers per hour** - Kilometers Per Hour

- **knots** - Knots

- **nautical miles per hour** - Nautical Miles Per Hour

- **mach** - Mach

- **gallons per hour** - Gallons Per Hour

- **liters per hour** - Liters Per Hour

- **revolutions per minute** - Revolutions Per Minute (rpm)

- **foot per second** - foot per second (ft/s)

- **meter per second** - meter per second (m/s)

- **miles per gallon** - miles per gallon

- **meters per liter** - meters per litre

B.4.8. TimeUnitsContentType

- **nanosecond** - Nanosecond

- **microsecond** - Microsecond

- **millisecond** - Millisecond

- **second** - Second

- **minute** - Minute

- **hour** - Hour

- **day** - Day

- **week** - Week

- **month** - Month

- **year** - Year

- **decade** - Decade

- **century** - Century

- **millennium** - Millennium

- **percentage of hour** - Percentage of hour

B.4.9. PowerUnitsContentType

- **horsepower** - The US horsepower measurement

- **metric horsepower** - The UK horsepower measurement. This is slighly less than the US measurement.

- **kilowatt** - A common metric unit of power, equivalent to 1000 watts, about 1.341 022 horsepower, or 737.562 foot-pounds per second.

B.4.10. FuelConsumptionUnitsContentType

This codelist is a combination of one or more code lists: xfUOMcl:VolumeUnitsContentType xfUOMcl:SpeedUnitsContentType

B.4.11. ElectricityUnitsContentType

- **ampere** - Ampere(amps)

- **cold cranking ampere** - Cold Cranking Ampere(CCA)

- **volt** - Volt(V)

- **kilowatt hour** - kilowatt hour (kWH)

B.4.12. ForceUnitsContentType

- **millinewton** - millinewton (mN)

B.4.13. PressureUnitsContentType

- **megapascal** - megapascal (MPa)

- **pound per square inch** - pound per square inch (lbf/in2 or psi)

B.4.14. ComputerStorageUnitsContentType

- **bit** - The basic unit of the amount of data. Each bit records one of the two possible answers to a single question: "0" or "1," "yes" or "no," "on" or "off."

- **byte** - A unit of information used in computer engineering. Technically the byte is a unit of addressable memory, and its size can vary depending on the machine or the computing language. However, in most contexts the byte is equal to 8 bits.

- **kilobit** - A unit of information equal to 1000 bits, or, in some cases, equal to 1024 bits or 128 bytes. The larger unit is now supposed to be called a kibibit.

- **kilobyte** - A unit of information equal to 1000 bytes. As a unit of computer storage, however, the kilobyte is usually equal to 1024 bytes, although this should now be called a kibibyte.

- **megabyte** - A unit of information equal to 1 000 000 bytes, but sometimes it means 1 048 576 bytes

- **gigabyte** - A unit of information equal to 1 000 000 000 bytes, but sometimes it means 1 073 741 824 bytes.

B.4.15. DisplacementUnitsContentType

This codelist is a combination of one or more code lists: xfUOMcl:VolumeUnitsContentType xfUOMcl:WeightUnitsContentType