Schema **PIDXLibDS.xsd**

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|  | [**TankIdentifier**](#Link07408C20) |  |  |  |
|  | [**TankUnit**](#Link07408CE8) |  |  |  |
|  | [**Tariff**](#Link07175658) |  |  |  |
|  | [**Tax**](#Link0716FBB8) |  |  |  |
|  | [**TaxCode**](#Link071731A0) |  |  |  |
|  | [**TaxDetail**](#Link0716FFA0) |  |  |  |
|  | [**TaxDutyIdentifier**](#Link071733F8) |  |  |  |
|  | [**TaxLevel**](#Link07173268) |  |  |  |
|  | [**TaxLicenseIdentifier**](#Link07173330) |  |  |  |
|  | [**TaxMovemtCode**](#Link07170770) |  |  |  |
|  | [**TaxMovemtDesc**](#Link07170838) |  |  |  |
|  | [**TaxType**](#Link071730D8) |  |  |  |
|  | [**Temperature**](#Link072745A0) |  |  |  |
|  | [**Terms**](#Link074062B8) |  |  |  |
|  | [**ThirdParty**](#Link0716F190) |  |  |  |
|  | [**ThirdPartyConsignee**](#Link0716F258) |  |  |  |
|  | [**To**](#Link07170900) |  |  |  |
|  | [**TpuIdentifierCard**](#Link071709C8) |  |  |  |
|  | [**TpuLicense**](#Link07170A90) |  |  |  |
|  | [**TpuType**](#Link07170B58) |  |  |  |
|  | [**TrackClass**](#Link071757E8) |  |  |  |
|  | [**Transport**](#Link07170C20) |  |  |  |
|  | [**TransportArrangerCode**](#Link07407BB8) |  |  |  |
|  | [**TransportData**](#Link07173D58) |  |  |  |
|  | [**TransportIdentifier**](#Link07171580) |  |  |  |
|  | [**TransportIdentifierType**](#Link071714B8) |  |  |  |
|  | [**TransportModeCode**](#Link07407D48) |  |  |  |
|  | [**TransportSecondaryIdentifier**](#Link07171260) |  |  |  |
|  | [**Truck**](#Link071746B8) |  |  |  |
|  | [**Unit**](#Link0725BA40) |  |  |  |
|  | [**UnitQualifier**](#Link0725B8B0) |  |  |  |
|  | [**UnladenWeight**](#Link0722E460) |  |  |  |
|  | [**URL**](#Link07171008) |  |  |  |
|  | [**UserName**](#Link07409968) |  |  |  |
|  | [**Validated**](#Link074029B0) |  |  |  |
|  | [**VehicleIdentifier**](#Link07149D38) |  |  |  |
|  | [**VersionConversion**](#Link0714CC18) |  |  |  |
|  | [**Volume**](#Link07275158) |  |  |  |
|  | [**VolumeUnit**](#Link0722E208) |  |  |  |
|  | [**WeightUnit**](#Link0722E398) |  |  |  |

attribute **FixVersion**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | fixed | 01 | |
| used by | |  |  | | --- | --- | | attributeGroup | [**PIDXVersion**](#Link0709BE28) | |
| annotation | |  | | --- | | documentation | | Fix Version - Incremented when Enumeration Values are added | |
| source | <attribute name="FixVersion" type="string" fixed="01">  <annotation>  <documentation>Fix Version - Incremented when Enumeration Values are added</documentation>  </annotation> </attribute> |

attribute **MajorVersion**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | fixed | 05 | |
| used by | |  |  | | --- | --- | | attributeGroup | [**PIDXVersion**](#Link0709BE28) | |
| annotation | |  | | --- | | documentation | | Major Version - Incremented when New Required Elements are added | |
| source | <attribute name="MajorVersion" type="string" fixed="05">  <annotation>  <documentation>Major Version - Incremented when New Required Elements are added </documentation>  </annotation> </attribute> |

attribute **MinorVersion**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | fixed | 02 | |
| used by | |  |  | | --- | --- | | attributeGroup | [**PIDXVersion**](#Link0709BE28) | |
| annotation | |  | | --- | | documentation | | Minor Version - Incremented when New non-required elements are added | |
| source | <attribute name="MinorVersion" type="string" fixed="02">  <annotation>  <documentation>Minor Version - Incremented when New non-required elements are added </documentation>  </annotation> </attribute> |

element **ActionCode**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:ActionCodeEnum**](#Link0724F688) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**PostingData**](#Link07176FE0) | |
| facets | |  |  | | --- | --- | | enumeration | Loading | | enumeration | BatchLoading | | enumeration | Delivery | | enumeration | Unload | | enumeration | Stockresult | | enumeration | Inventory | | enumeration | Transfers | | enumeration | Orders | | enumeration | ShipmentOrder | | enumeration | Contract | | enumeration | LoadID | | enumeration | Nomination | | enumeration | SalesOrder | |
| annotation | |  | | --- | | documentation | | Action associated with the Posting - See Enums for Supported Actions | |
| source | <element name="ActionCode" type="pidx:ActionCodeEnum">  <annotation>  <documentation>Action associated with the Posting - See Enums for Supported Actions</documentation>  </annotation> </element> |

element **Activity**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:ActivityType**](#Link07275798)[**pidx:ActivityDate**](#Link072756D0) |
| used by | |  |  | | --- | --- | | elements | [**DetailDates**](#Link07406510)[**DocumentDates**](#Link0714C6A0) | | complexType | [**PostingData**](#Link07176FE0) | |
| annotation | |  | | --- | | documentation | | Activity Date (contains repeating elements for GateIn, GateOut, StartLoad, EndLoad... times and Dates) | |
| source | <element name="Activity">  <annotation>  <documentation>Activity Date (contains repeating elements for GateIn, GateOut, StartLoad, EndLoad... times and Dates)</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:ActivityType"/>  <element ref="pidx:ActivityDate">  <annotation>  <documentation>Date and Time of Activity</documentation>  </annotation>  </element>  </sequence>  </complexType> </element> |

element **ActivityDate**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **dateTime** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Activity**](#Link07275478) | |
| annotation | |  | | --- | | documentation | | Activity Date Information exclude time zone | |
| source | <element name="ActivityDate" type="dateTime">  <annotation>  <documentation>Activity Date Information exclude time zone</documentation>  </annotation> </element> |

element **ActivityType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:ActivityTypeEnum**](#Link0724F530) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Activity**](#Link07275478) | |
| facets | |  |  | | --- | --- | | enumeration | ArchiveDate | | enumeration | BookStart | | enumeration | BookEnd | | enumeration | BayIn | | enumeration | BayOut | | enumeration | DocPrint | | enumeration | EndLoad | | enumeration | EstDeliveryStart | | enumeration | EstDeliveryEnd | | enumeration | EstPickupDate | | enumeration | EstStartLoad | | enumeration | ExpireDate | | enumeration | GateIn | | enumeration | GateOut | | enumeration | Staging | | enumeration | StartLoad | | enumeration | ValidDate | | enumeration | WeighIn | | enumeration | WeightOut | |
| annotation | |  | | --- | | documentation | | Activity Type (see Enums) | |
| source | <element name="ActivityType" type="pidx:ActivityTypeEnum">  <annotation>  <documentation>Activity Type (see Enums)</documentation>  </annotation> </element> |

element **AddressLine**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Location**](#Link0725A208) | | complexType | [**PartnerInformation**](#Link0725D980) | |
| annotation | |  | | --- | | documentation | | Address information | |
| source | <element name="AddressLine" type="string">  <annotation>  <documentation>Address information</documentation>  </annotation> </element> |

element **Agency**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Location**](#Link0725A208) | | complexType | [**PartnerInformation**](#Link0725D980) | |
| annotation | |  | | --- | | documentation | | Agency Owning Partner ID | |
| source | <element name="Agency" type="string">  <annotation>  <documentation>Agency Owning Partner ID</documentation>  </annotation> </element> |

element **Agent**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:AgentType**](#Link07276670)[**pidx:DriverLicense**](#Link07230F50)[**pidx:DriverIdentifier**](#Link071710D0)[**pidx:DriverCardNo**](#Link07171198)[**pidx:DriverName**](#Link07230E88) |
| used by | |  |  | | --- | --- | | elements | [**AuthTransport**](#Link0726DF68)[**TruckDefinition/Agents**](#Link071742D0)[**Transport**](#Link07170C20) | | complexType | [**LoadPlanInfo**](#Link07185FE0) | |
| annotation | |  | | --- | | documentation | | Complex Type for Driver Information | |
| source | <element name="Agent">  <annotation>  <documentation>Complex Type for Driver Information</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:AgentType" minOccurs="0"/>  <element ref="pidx:DriverLicense" minOccurs="0"/>  <element ref="pidx:DriverIdentifier" minOccurs="0">  <annotation>  <documentation>Terminal DriverID</documentation>  </annotation>  </element>  <element ref="pidx:DriverCardNo" minOccurs="0">  <annotation>  <documentation>Driver Card No or Badge</documentation>  </annotation>  </element>  <element ref="pidx:DriverName" minOccurs="0"/>  </sequence>  </complexType> </element> |

element **AgentDocument**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:AgentData**](#Link07166568) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:DocumentType**](#Link07230B68)[**pidx:DocumentIdentifier**](#Link0714CB50)[**pidx:DocumentName**](#Link07230AA0)[**pidx:IssuingAgency**](#Link07276990)[**pidx:RenewalDate**](#Link072768C8)[**pidx:ExpireDate**](#Link07276738)[**pidx:IssueDate**](#Link07276800) |
| used by | |  |  | | --- | --- | | element | [**AgentDocuments**](#Link07276418) | |
| annotation | |  | | --- | | documentation | | Driver Training and License Data | |
| source | <element name="AgentDocument" type="pidx:AgentData">  <annotation>  <documentation>Driver Training and License Data </documentation>  </annotation> </element> |

element **AgentDocuments**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:AgentDocument**](#Link072765A8) |
| annotation | |  | | --- | | documentation | | Driver Training and License Data | |
| source | <element name="AgentDocuments">  <annotation>  <documentation>Driver Training and License Data</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:AgentDocument" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **AgentType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:AgentTypeEnum**](#Link0724F3D8) |
| properties | |  |  | | --- | --- | | content | simple | | default | LoadingAgent | |
| used by | |  |  | | --- | --- | | element | [**Agent**](#Link072759F0) | |
| facets | |  |  | | --- | --- | | enumeration | DeliveryAgent | | enumeration | LoadingAgent | |
| annotation | |  | | --- | | documentation | | Loading | |
| source | <element name="AgentType" type="pidx:AgentTypeEnum" default="LoadingAgent">  <annotation>  <documentation>Loading</documentation>  </annotation> </element> |

element **AllocationReserve**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:YesNo**](#Link070ADCE8) |
| properties | |  |  | | --- | --- | | content | simple | | default | No | |
| used by | |  |  | | --- | --- | | element | [**AuthorizationSetting**](#Link072776D8) | |
| facets | |  |  | | --- | --- | | enumeration | Yes | | enumeration | No | |
| annotation | |  | | --- | | documentation | | PreAuthorize Load | |
| source | <element name="AllocationReserve" type="pidx:YesNo" default="No">  <annotation>  <documentation>PreAuthorize Load</documentation>  </annotation> </element> |

element **annotation**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| annotation | |  | | --- | | documentation | | Documentation Annotation for XML document | |
| source | <element name="annotation" type="string">  <annotation>  <documentation>Documentation Annotation for XML document</documentation>  </annotation> </element> |

element **Authorization**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:AuthorizationData**](#Link07268B68) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:AuthorizedLoad**](#Link0726DEA0)[**pidx:AuthorizingSystem**](#Link0726B6C8)[**pidx:AuthorizationNo**](#Link0726DDD8) |
| used by | |  |  | | --- | --- | | elements | [**AuthorizationSetting**](#Link072776D8)[**DocumentLineItem**](#Link074050C0) | | complexTypes | [**PMResponseSucessData**](#Link07269678)[**PostingData**](#Link07176FE0) | |
| annotation | |  | | --- | | documentation | | Header Level Authorizations | |
| source | <element name="Authorization" type="pidx:AuthorizationData">  <annotation>  <documentation>Header Level Authorizations</documentation>  </annotation> </element> |

element **AuthorizationNo**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**ResponseInfo**](#Link0716AC80) | | complexType | [**AuthorizationData**](#Link07268B68) | |
| annotation | |  | | --- | | documentation | | Authorization Number for Posting | |
| source | <element name="AuthorizationNo" type="string">  <annotation>  <documentation>Authorization Number for Posting</documentation>  </annotation> </element> |

element **AuthorizationSetting**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:RightToLiftCheck**](#Link07402B40)[**pidx:AllocationReserve**](#Link0726B600)[**pidx:Authorization**](#Link0726B218) |
| used by | |  |  | | --- | --- | | element | [**DocumentHeader**](#Link0714B250) | |
| annotation | |  | | --- | | documentation | | Setting for Authorizations | |
| source | <element name="AuthorizationSetting">  <annotation>  <documentation>Setting for Authorizations</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:RightToLiftCheck" minOccurs="0"/>  <element ref="pidx:AllocationReserve" minOccurs="0"/>  <element ref="pidx:Authorization" minOccurs="0"/>  </sequence>  </complexType> </element> |

element **AuthorizedLoad**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| properties | |  |  | | --- | --- | | content | simple | | default | Authorized | |
| used by | |  |  | | --- | --- | | complexType | [**AuthorizationData**](#Link07268B68) | |
| facets | |  |  | | --- | --- | | enumeration | Authorized | | enumeration | UnAuthorized | | enumeration | NoLoad | |
| annotation | |  | | --- | | documentation | | Flag Indicating if Load was Authorized | |
| source | <element name="AuthorizedLoad" default="Authorized">  <annotation>  <documentation>Flag Indicating if Load was Authorized</documentation>  </annotation>  <simpleType>  <restriction base="string">  <enumeration value="Authorized"/>  <enumeration value="UnAuthorized"/>  <enumeration value="NoLoad">  <annotation>  <documentation>NoLoad indicates a cancellation of an authorized load. The NoLoad flag will cause all hold amounts to be removed.</documentation>  </annotation>  </enumeration>  </restriction>  </simpleType> </element> |

element **AuthorizingSystem**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**ResponseInfo**](#Link0716AC80) | | complexType | [**AuthorizationData**](#Link07268B68) | |
| annotation | |  | | --- | | documentation | | Authorization System issuing AuthorizationNo -TAS specific Value | |
| source | <element name="AuthorizingSystem" type="string">  <annotation>  <documentation>Authorization System issuing AuthorizationNo -TAS specific Value</documentation>  </annotation> </element> |

element **AuthParties**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:SellerNum**](#Link0716F0C8)[**pidx:FinalShipper**](#Link0722E6B8)[**pidx:Consignee**](#Link0714A508)[**pidx:ThirdParty**](#Link0716F190)[**pidx:ThirdPartyConsignee**](#Link0716F258)[**pidx:AuthSequence**](#Link07277228) |
| used by | |  |  | | --- | --- | | complexTypes | [**AuthRequestData**](#Link07166AF0)[**AuthResponseData**](#Link072687B8) | |
| annotation | |  | | --- | | documentation | | Authorization Parties for Auth Request and Response Msgs | |
| source | <element name="AuthParties">  <annotation>  <documentation>Authorization Parties for Auth Request and Response Msgs</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:SellerNum"/>  <element ref="pidx:FinalShipper"/>  <element ref="pidx:Consignee"/>  <element ref="pidx:ThirdParty" minOccurs="0"/>  <element ref="pidx:ThirdPartyConsignee" minOccurs="0"/>  <element ref="pidx:AuthSequence"/>  </sequence>  </complexType> </element> |

element **AuthRequests**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:AuthRequestData**](#Link07166AF0) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:AuthParties**](#Link0726E288)[**pidx:AuthTransport**](#Link0726DF68)[**pidx:Location**](#Link0725A208)[**pidx:PlannedLifting**](#Link07242398) |
| annotation | |  | | --- | | documentation | | AuthRequest Data | |
| source | <element name="AuthRequests" type="pidx:AuthRequestData">  <annotation>  <documentation>AuthRequest Data</documentation>  </annotation> </element> |

element **AuthResponses**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:AuthResponseData**](#Link072687B8) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:AuthParties**](#Link0726E288)[**pidx:ResponseInfo**](#Link0716AC80)[**pidx:ProductList**](#Link07243C98)[**pidx:OrderInfo**](#Link07232780) |
| annotation | |  | | --- | | documentation | | AuthResponse Data | |
| source | <element name="AuthResponses" type="pidx:AuthResponseData">  <annotation>  <documentation>AuthResponse Data</documentation>  </annotation> </element> |

element **AuthSequence**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **integer** |
| properties | |  |  | | --- | --- | | content | simple | | default | 1 | |
| used by | |  |  | | --- | --- | | element | [**AuthParties**](#Link0726E288) | |
| annotation | |  | | --- | | documentation | | Sequence to process multiple requests, AuthSequence will be returned on corresponding Response. | |
| source | <element name="AuthSequence" type="integer" default="1">  <annotation>  <documentation>Sequence to process multiple requests, AuthSequence will be returned on corresponding Response.</documentation>  </annotation> </element> |

element **AuthTransport**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Company**](#Link0726EA58)[**pidx:Agent**](#Link072759F0)[**pidx:MOTinfo**](#Link072322D0) |
| used by | |  |  | | --- | --- | | complexType | [**AuthRequestData**](#Link07166AF0) | |
| annotation | |  | | --- | | documentation | | Complex Type for Auth Transport Elements | |
| source | <element name="AuthTransport">  <annotation>  <documentation>Complex Type for Auth Transport Elements</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:Company"/>  <element ref="pidx:Agent"/>  <element ref="pidx:MOTinfo"/>  </sequence>  </complexType> </element> |

element **BeginPeriod**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **date** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**QuantityScheduleType**](#Link07186AF0) | |
| source | <element name="BeginPeriod" type="date"/> |

element **BlendAlteration**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| properties | |  |  | | --- | --- | | content | simple | | default | 00 | |
| used by | |  |  | | --- | --- | | element | [**Product**](#Link072438B0) | |
| facets | |  |  | | --- | --- | | enumeration | 00 | | enumeration | 01 | | enumeration | 02 | | enumeration | 03 | | enumeration | 04 | | enumeration | 05 | |
| annotation | |  | | --- | | documentation | | Indicates if Product was Blended. | |
| source | <element name="BlendAlteration" default="00">  <annotation>  <documentation>Indicates if Product was Blended.</documentation>  </annotation>  <simpleType>  <restriction base="string">  <enumeration value="00">  <annotation>  <documentation>Unused - Additives specified in Recipes Section</documentation>  </annotation>  </enumeration>  <enumeration value="01">  <annotation>  <documentation>Product was Truck Blended with another product </documentation>  </annotation>  </enumeration>  <enumeration value="02">  <annotation>  <documentation>Product contains Additive </documentation>  </annotation>  </enumeration>  <enumeration value="03">  <annotation>  <documentation>Product was Blended and contain Additive </documentation>  </annotation>  </enumeration>  <enumeration value="04">  <annotation>  <documentation>Product contains Detergent Additive</documentation>  </annotation>  </enumeration>  <enumeration value="05">  <annotation>  <documentation>Product was Blended and contains Detergent Additive</documentation>  </annotation>  </enumeration>  </restriction>  </simpleType> </element> |

element **BlockIndicator**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:BlockValues**](#Link0724F280) |
| properties | |  |  | | --- | --- | | content | simple | | default | Unblocked | |
| used by | |  |  | | --- | --- | | elements | [**DocumentHeader**](#Link0714B250)[**DocumentLineItem**](#Link074050C0) | |
| facets | |  |  | | --- | --- | | enumeration | Blocked | | enumeration | Unblocked | |
| annotation | |  | | --- | | documentation | | indicates Blocked or UnBlocked - Default is Unblocked. | |
| source | <element name="BlockIndicator" type="pidx:BlockValues" default="Unblocked">  <annotation>  <documentation>indicates Blocked or UnBlocked - Default is Unblocked.</documentation>  </annotation> </element> |

element **Body**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Posting**](#Link07242B68) |
| annotation | |  | | --- | | documentation | | Body of Loading Delivery Receipt which contains Posting Data | |
| source | <element name="Body">  <annotation>  <documentation>Body of Loading Delivery Receipt which contains Posting Data</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:Posting" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **BOLRespErrorCode**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**BOLResponse**](#Link071737E0) | |
| annotation | |  | | --- | | documentation | | BOL Response Error Code | |
| source | <element name="BOLRespErrorCode" type="string">  <annotation>  <documentation>BOL Response Error Code</documentation>  </annotation> </element> |

element **BOLRespErrorDescription**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**BOLResponse**](#Link071737E0) | |
| annotation | |  | | --- | | documentation | | Description of Error Code | |
| source | <element name="BOLRespErrorDescription" type="string">  <annotation>  <documentation>Description of Error Code</documentation>  </annotation> </element> |

element **BOLResponse**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:BOLStoredSucessfully**](#Link07173B00)[**pidx:BOLRespErrorDescription**](#Link07173C90)[**pidx:BOLRespErrorCode**](#Link07173BC8) |
| annotation | |  | | --- | | documentation | | Response to PIDXBOL Transaction | |
| source | <element name="BOLResponse">  <annotation>  <documentation>Response to PIDXBOL Transaction</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:BOLStoredSucessfully"/>  <element ref="pidx:BOLRespErrorDescription" minOccurs="0"/>  <element ref="pidx:BOLRespErrorCode" minOccurs="0"/>  </sequence>  </complexType> </element> |

element **BOLStoredSucessfully**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**BOLResponse**](#Link071737E0) | |
| facets | |  |  | | --- | --- | | enumeration | Yes | | enumeration | No | |
| annotation | |  | | --- | | documentation | | Indicates BOL was stored successfully for Seller indicated on BOL (Yes/No) | |
| source | <element name="BOLStoredSucessfully">  <annotation>  <documentation>Indicates BOL was stored successfully for Seller indicated on BOL (Yes/No)</documentation>  </annotation>  <simpleType>  <restriction base="string">  <enumeration value="Yes"/>  <enumeration value="No"/>  </restriction>  </simpleType> </element> |

element **BOLType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:BOLTypeEnum**](#Link072ED4B8) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**DocumentData**](#Link07262188) | |
| facets | |  |  | | --- | --- | | enumeration | Product | | enumeration | Compartment | | enumeration | Delivery | |
| annotation | |  | | --- | | documentation | | indicates Product/Compartment/Delivery Level BOL Data. | |
| source | <element name="BOLType" type="pidx:BOLTypeEnum">  <annotation>  <documentation>indicates Product/Compartment/Delivery Level BOL Data.</documentation>  </annotation> </element> |

element **CarrierIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| annotation | |  | | --- | | documentation | | Should be DUNS Number or SCAC - Would prefer DUNS | |
| source | <element name="CarrierIdentifier" type="string">  <annotation>  <documentation>Should be DUNS Number or SCAC - Would prefer DUNS</documentation>  </annotation> </element> |

element **CityName**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Location**](#Link0725A208) | | complexType | [**PartnerInformation**](#Link0725D980) | |
| annotation | |  | | --- | | documentation | | Name of City for Address | |
| source | <element name="CityName" type="string">  <annotation>  <documentation>Name of City for Address</documentation>  </annotation> </element> |

element **Company**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | extension of [**pidx:PartnerInformation**](#Link0725D980) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:PartnerName**](#Link07233B08)[**pidx:PartnerIdentifier**](#Link07232AA0)[**pidx:Agency**](#Link07275928)[**pidx:ContactName**](#Link0714A698)[**pidx:ContactNumber**](#Link0714A760)[**pidx:ContactEmail**](#Link0714A5D0)[**pidx:AddressLine**](#Link07275860)[**pidx:CityName**](#Link0726E990)[**pidx:County**](#Link0714AC10)[**pidx:StateOrProvince**](#Link0716F708)[**pidx:PostalCode**](#Link072429D8)[**pidx:PostalCountry**](#Link07242AA0)[**pidx:URL**](#Link07171008)[**pidx:SalesOrganization**](#Link07233D60)[**pidx:SalesDivision**](#Link07241FB0)[**pidx:DistributionChannel**](#Link07233E28)[**pidx:PartnerExciseNumber**](#Link07242140)[**pidx:PartnerVATNumber**](#Link07242078)[**pidx:PartnerLocation**](#Link07233A40)[**pidx:TransportSecondaryIdentifier**](#Link07171260) |
| used by | |  |  | | --- | --- | | elements | [**AuthTransport**](#Link0726DF68)[**Transport**](#Link07170C20) | | complexType | [**LoadPlanInfo**](#Link07185FE0) | |
| annotation | |  | | --- | | documentation | | Transport Company Information | |
| source | <element name="Company">  <annotation>  <documentation>Transport Company Information</documentation>  </annotation>  <complexType>  <complexContent>  <extension base="pidx:PartnerInformation">  <sequence>  <element ref="pidx:TransportSecondaryIdentifier" minOccurs="0" maxOccurs="unbounded"/>  </sequence>  </extension>  </complexContent>  </complexType> </element> |

element **Compartment**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:CompartmentNumber**](#Link07149A18)[**pidx:PostingReferenceDetail**](#Link07243658)[**pidx:Seals**](#Link0716ECE0)[**pidx:DetailPostingReference**](#Link0714AF30)[**pidx:DetailAuthorization**](#Link0726B2E0)[**pidx:Reference**](#Link0716A3E8)[**pidx:DetailPartners**](#Link0714B0C0)[**pidx:Product**](#Link072438B0)[**pidx:Tax**](#Link0716FBB8)[**pidx:MeasurementInformation**](#Link0725AF50)[**pidx:PriorToLoad**](#Link07404CD8) |
| used by | |  |  | | --- | --- | | elements | [**Compartments**](#Link07149888)[**Content**](#Link0714AA80) | |
| annotation | |  | | --- | | documentation | | Complex Type Containing Compartment Detail | |
| source | <element name="Compartment">  <annotation>  <documentation>Complex Type Containing Compartment Detail</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:CompartmentNumber" minOccurs="0"/>  <element ref="pidx:PostingReferenceDetail" minOccurs="0">  <annotation>  <documentation>Line Item Number</documentation>  </annotation>  </element>  <element ref="pidx:Seals" minOccurs="0"/>  <element ref="pidx:DetailPostingReference" minOccurs="0"/>  <element ref="pidx:DetailAuthorization" minOccurs="0"/>  <element ref="pidx:Reference" minOccurs="0" maxOccurs="unbounded"/>  <element ref="pidx:DetailPartners" minOccurs="0">  <annotation>  <documentation>Add to higher level also</documentation>  </annotation>  </element>  <element ref="pidx:Product"/>  <element ref="pidx:Tax" minOccurs="0"/>  <element ref="pidx:MeasurementInformation"/>  <element ref="pidx:PriorToLoad" minOccurs="0"/>  </sequence>  </complexType> </element> |

element **CompartmentNumber**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | elements | [**Compartment**](#Link0726EBE8)[**LoadCompartment**](#Link07403C70)[**ProductList**](#Link07243C98) | | complexType | [**TankDeliveryData**](#Link0718A390) | |
| annotation | |  | | --- | | documentation | | Compartment Number for Container | |
| source | <element name="CompartmentNumber" type="string">  <annotation>  <documentation>Compartment Number for Container</documentation>  </annotation> </element> |

element **CompartmentQuantity**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:PMQuantity**](#Link07185E08) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Volume**](#Link07275158)[**pidx:ProductWeight**](#Link07274E38)[**pidx:NoQuantity**](#Link07275220) |
| used by | |  |  | | --- | --- | | element | [**LoadCompartment**](#Link07403C70) | |
| annotation | |  | | --- | | documentation | | Comparment Quantity to be loaded | |
| source | <element name="CompartmentQuantity" type="pidx:PMQuantity">  <annotation>  <documentation>Comparment Quantity to be loaded</documentation>  </annotation> </element> |

element **Compartments**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Compartment**](#Link0726EBE8) |
| used by | |  |  | | --- | --- | | element | [**LoadingPart**](#Link0722FC98) | |
| source | <element name="Compartments">  <complexType>  <sequence>  <element ref="pidx:Compartment" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **CompartmentSpecification**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:MaxFillLevels**](#Link0725C360) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:MaxVolume**](#Link0722E140)[**pidx:VolumeUnit**](#Link0722E208)[**pidx:MaxWeight**](#Link0722E2D0)[**pidx:WeightUnit**](#Link0722E398) |
| used by | |  |  | | --- | --- | | element | [**LoadCompartment**](#Link07403C70) | |
| source | <element name="CompartmentSpecification" type="pidx:MaxFillLevels"/> |

element **ComplementaryInfLanguage**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**EMCS**](#Link07407000) | |
| annotation | |  | | --- | | documentation | | EMCS Data for Europe v5.02 | |
| source | <element name="ComplementaryInfLanguage" type="string">  <annotation>  <documentation>EMCS Data for Europe v5.02</documentation>  </annotation> </element> |

element **ComplementaryInformation**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**EMCS**](#Link07407000) | |
| annotation | |  | | --- | | documentation | | EMCS Data for Europe v5.02 | |
| source | <element name="ComplementaryInformation" type="string">  <annotation>  <documentation>EMCS Data for Europe v5.02</documentation>  </annotation> </element> |

element **Component**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:ProductData**](#Link0717B390) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:ProductIdentifierType**](#Link07172C28)[**pidx:ProductText**](#Link07172CF0)[**pidx:ProductIdentifer**](#Link07173010) |
| used by | |  |  | | --- | --- | | element | [**Recipe**](#Link071698F8) | |
| annotation | |  | | --- | | documentation | | Component Identifiers | |
| source | <element name="Component" type="pidx:ProductData">  <annotation>  <documentation>Component Identifiers</documentation>  </annotation> </element> |

element **ComponentContract**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Recipe**](#Link071698F8) | |
| annotation | |  | | --- | | documentation | | Contract for the Component Product being Lifted (seller's contract number) | |
| source | <element name="ComponentContract" type="string">  <annotation>  <documentation>Contract for the Component Product being Lifted (seller's contract number)</documentation>  </annotation> </element> |

element **ComponentId**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| annotation | |  | | --- | | documentation | | Recipe Component Id | |
| source | <element name="ComponentId" type="string">  <annotation>  <documentation>Recipe Component Id</documentation>  </annotation> </element> |

element **ComponentText**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| annotation | |  | | --- | | documentation | | Text Description of Recipe Component | |
| source | <element name="ComponentText" type="string">  <annotation>  <documentation>Text Description of Recipe Component</documentation>  </annotation> </element> |

element **ComponentType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Recipe**](#Link071698F8) | |
| facets | |  |  | | --- | --- | | enumeration | BaseProduct | | enumeration | BioComponent | | enumeration | Additive | | enumeration | Dye | | enumeration | Other | |
| annotation | |  | | --- | | documentation | | Component Type - See Enum Values | |
| source | <element name="ComponentType">  <annotation>  <documentation>Component Type - See Enum Values</documentation>  </annotation>  <simpleType>  <restriction base="string">  <enumeration value="BaseProduct">  <annotation>  <documentation>Recipe Base Product</documentation>  </annotation>  </enumeration>  <enumeration value="BioComponent"/>  <enumeration value="Additive">  <annotation>  <documentation>Recipe Additive</documentation>  </annotation>  </enumeration>  <enumeration value="Dye">  <annotation>  <documentation>Recipe Dye</documentation>  </annotation>  </enumeration>  <enumeration value="Other">  <annotation>  <documentation>Recipe Other - Partner Agreed upon definition</documentation>  </annotation>  </enumeration>  </restriction>  </simpleType> </element> |

element **ConfiguredVehicle**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:VehicleIdentifier**](#Link07149D38)[**pidx:EquipmentSpecification**](#Link0722E5F0)[**pidx:Shift**](#Link0716FA28)[**pidx:ShiftSeq**](#Link0716FAF0)[**pidx:SealString**](#Link0716EE70)[**pidx:ConfiguredVehicleParts**](#Link07174528) |
| used by | |  |  | | --- | --- | | elements | [**ConfiguredVehicles**](#Link07149E00)[**ModeOfTransport**](#Link0725BC98) | | complexType | [**LoadPlanInfo**](#Link07185FE0) | |
| annotation | |  | | --- | | documentation | | Reference Number to Configuration of the entire vehicle. | |
| source | <element name="ConfiguredVehicle">  <annotation>  <documentation>Reference Number to Configuration of the entire vehicle.</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:VehicleIdentifier" minOccurs="0"/>  <element ref="pidx:EquipmentSpecification" minOccurs="0"/>  <element ref="pidx:Shift" minOccurs="0"/>  <element ref="pidx:ShiftSeq" minOccurs="0"/>  <element ref="pidx:SealString" minOccurs="0"/>  <element ref="pidx:ConfiguredVehicleParts" minOccurs="0"/>  </sequence>  </complexType> </element> |

element **ConfiguredVehicleParts**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:LoadPartIdentification**](#Link0722F7E8) |
| used by | |  |  | | --- | --- | | element | [**ConfiguredVehicle**](#Link07149F90) | |
| source | <element name="ConfiguredVehicleParts">  <complexType>  <sequence>  <element ref="pidx:LoadPartIdentification" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **ConfiguredVehicles**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:ConfiguredVehicle**](#Link07149F90) |
| used by | |  |  | | --- | --- | | complexType | [**TruckDefinition**](#Link0717C078) | |
| annotation | |  | | --- | | documentation | | Container used for listing muliple configured vehicles | |
| source | <element name="ConfiguredVehicles">  <annotation>  <documentation>Container used for listing muliple configured vehicles</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:ConfiguredVehicle" maxOccurs="10"/>  </sequence>  </complexType> </element> |

element **ConnectingTrack**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**RailDefinition**](#Link0717C600) | |
| source | <element name="ConnectingTrack" type="string"/> |

element **Consignee**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**AuthParties**](#Link0726E288) | |
| annotation | |  | | --- | | documentation | | Consignee Number assigned by Supplier | |
| source | <element name="Consignee" type="string">  <annotation>  <documentation>Consignee Number assigned by Supplier</documentation>  </annotation> </element> |

element **ConsigneeCountry**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**EMCS**](#Link07407000) | |
| annotation | |  | | --- | | documentation | | EMCS Data for Europe v5.02 | |
| source | <element name="ConsigneeCountry" type="string">  <annotation>  <documentation>EMCS Data for Europe v5.02</documentation>  </annotation> </element> |

element **ConsigneeLanguage**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**EMCS**](#Link07407000) | |
| annotation | |  | | --- | | documentation | | EMCS Data for Europe v5.02 | |
| source | <element name="ConsigneeLanguage" type="string">  <annotation>  <documentation>EMCS Data for Europe v5.02</documentation>  </annotation> </element> |

element **ConsigneeReleaseNumber**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**EMCS**](#Link07407000) | |
| source | <element name="ConsigneeReleaseNumber" type="string"/> |

element **ContactEmail**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Location**](#Link0725A208) | | complexType | [**PartnerInformation**](#Link0725D980) | |
| annotation | |  | | --- | | documentation | | Partner Contact Email | |
| source | <element name="ContactEmail" type="string">  <annotation>  <documentation>Partner Contact Email</documentation>  </annotation> </element> |

element **ContactName**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Location**](#Link0725A208) | | complexType | [**PartnerInformation**](#Link0725D980) | |
| annotation | |  | | --- | | documentation | | Partner Contact Name | |
| source | <element name="ContactName" type="string">  <annotation>  <documentation>Partner Contact Name</documentation>  </annotation> </element> |

element **ContactNumber**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Location**](#Link0725A208) | | complexType | [**PartnerInformation**](#Link0725D980) | |
| annotation | |  | | --- | | documentation | | Partner Contact Phone Number | |
| source | <element name="ContactNumber" type="string">  <annotation>  <documentation>Partner Contact Phone Number</documentation>  </annotation> </element> |

element **ContainerSize**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Measurement**](#Link0725B590) |
| used by | |  |  | | --- | --- | | element | [**MOTinfo**](#Link072322D0) | |
| annotation | |  | | --- | | documentation | | Defines Size of Container for Auths if Full truck authorization required by Seller | |
| source | <element name="ContainerSize">  <annotation>  <documentation>Defines Size of Container for Auths if Full truck authorization required by Seller</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:Measurement" minOccurs="0"/>  </sequence>  </complexType> </element> |

element **Content**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Compartment**](#Link0726EBE8) |
| annotation | |  | | --- | | documentation | | Complex Type for Loading Part | |
| source | <element name="Content">  <annotation>  <documentation>Complex Type for Loading Part</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:Compartment" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **County**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Location**](#Link0725A208) | | complexType | [**PartnerInformation**](#Link0725D980) | |
| annotation | |  | | --- | | documentation | | Partner County information for US | |
| source | <element name="County" type="string">  <annotation>  <documentation>Partner County information for US</documentation>  </annotation> </element> |

element **Currency**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**TaxDetail**](#Link0716FFA0) | |
| annotation | |  | | --- | | documentation | | Currency of Tax Rate | |
| source | <element name="Currency" type="string">  <annotation>  <documentation>Currency of Tax Rate </documentation>  </annotation> </element> |

element **DateTime**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **dateTime** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Header**](#Link0722EE88) | |
| annotation | |  | | --- | | documentation | | Creation Date Time used in Loading Delivery Receipt Header | |
| source | <element name="DateTime" type="dateTime">  <annotation>  <documentation>Creation Date Time used in Loading Delivery Receipt Header</documentation>  </annotation> </element> |

element **Density**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:DensityType**](#Link07277DE0) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:MeasurementType**](#Link072739E8)[**pidx:MeasurementQualifier**](#Link0725B720)[**pidx:MeasurementReference**](#Link0725B7E8)[**pidx:Quantity**](#Link0725B978)[**pidx:Unit**](#Link07273D08) |
| source | <element name="Density" type="pidx:DensityType"/> |

element **DenyCode**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**ResponseInfo**](#Link0716AC80) | |
| annotation | |  | | --- | | documentation | | Legacy Response Codes | |
| source | <element name="DenyCode">  <annotation>  <documentation>Legacy Response Codes</documentation>  </annotation>  <simpleType>  <restriction base="string"/>  </simpleType> </element> |

element **DenyDescription**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**ResponseInfo**](#Link0716AC80) | |
| annotation | |  | | --- | | documentation | | Response Descriptions - Should be capable of extended characters sets for multilingual support. | |
| source | <element name="DenyDescription" type="string">  <annotation>  <documentation>Response Descriptions - Should be capable of extended characters sets for multilingual support. </documentation>  </annotation> </element> |

element **DenySellerMsg**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**ResponseInfo**](#Link0716AC80) | |
| annotation | |  | | --- | | documentation | | Deny Message From Seller, related to Deny Code indicating an Action to be taken. | |
| source | <element name="DenySellerMsg" type="string">  <annotation>  <documentation>Deny Message From Seller, related to Deny Code indicating an Action to be taken.</documentation>  </annotation> </element> |

element **DestinationIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**ProductList**](#Link07243C98) | |
| annotation | |  | | --- | | documentation | | Destination ID for Product | |
| source | <element name="DestinationIdentifier" type="string">  <annotation>  <documentation>Destination ID for Product</documentation>  </annotation> </element> |

element **DestinationLanguage**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**EMCS**](#Link07407000) | |
| annotation | |  | | --- | | documentation | | EMCS Data for Europe v5.02 | |
| source | <element name="DestinationLanguage" type="string">  <annotation>  <documentation>EMCS Data for Europe v5.02</documentation>  </annotation> </element> |

element **DestinationTypeCode**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:EMCSDestinationEnum**](#Link070AEE60) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**EMCS**](#Link07407000) | |
| facets | |  |  | | --- | --- | | enumeration | 1 | | enumeration | 2 | | enumeration | 3 | | enumeration | 4 | | enumeration | 5 | | enumeration | 6 | | enumeration | 8 | |
| annotation | |  | | --- | | documentation | | EMCS Data for Europe v5.02 | |
| source | <element name="DestinationTypeCode" type="pidx:EMCSDestinationEnum">  <annotation>  <documentation>EMCS Data for Europe v5.02</documentation>  </annotation> </element> |

element **DetailAuthorization**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:AuthorizationData**](#Link07268B68) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:AuthorizedLoad**](#Link0726DEA0)[**pidx:AuthorizingSystem**](#Link0726B6C8)[**pidx:AuthorizationNo**](#Link0726DDD8) |
| used by | |  |  | | --- | --- | | element | [**Compartment**](#Link0726EBE8) | |
| annotation | |  | | --- | | documentation | | Authorization at Detail Level used for Batch Loading | |
| source | <element name="DetailAuthorization" type="pidx:AuthorizationData">  <annotation>  <documentation>Authorization at Detail Level used for Batch Loading</documentation>  </annotation> </element> |

element **DetailDates**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Activity**](#Link07275478) |
| used by | |  |  | | --- | --- | | element | [**DocumentLineItem**](#Link074050C0) | |
| source | <element name="DetailDates">  <complexType>  <sequence>  <element ref="pidx:Activity" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **DetailPartners**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Party**](#Link07242208) |
| used by | |  |  | | --- | --- | | elements | [**Compartment**](#Link0726EBE8)[**DocumentLineItem**](#Link074050C0) | |
| annotation | |  | | --- | | documentation | | Complex Type for Party | |
| source | <element name="DetailPartners">  <annotation>  <documentation>Complex Type for Party</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:Party" minOccurs="0" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **DetailPostingReference**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:DocumentData**](#Link07262188) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:DocumentIdentifier**](#Link0714CB50)[**pidx:DocumentType**](#Link07230B68)[**pidx:DocumentName**](#Link07230AA0)[**pidx:IssuedDate**](#Link0722F4C8)[**pidx:RevisionNumber**](#Link0716E9C0)[**pidx:PostingSegment**](#Link07243720)[**pidx:BOLType**](#Link0714CCE0)[**pidx:VersionConversion**](#Link0714CC18) |
| used by | |  |  | | --- | --- | | element | [**Compartment**](#Link0726EBE8) | |
| annotation | |  | | --- | | documentation | | Used for BatchLoading should contain BOL Numbers for Batch Loading otherwise unused | |
| source | <element name="DetailPostingReference" type="pidx:DocumentData">  <annotation>  <documentation>Used for BatchLoading should contain BOL Numbers for Batch Loading otherwise unused</documentation>  </annotation> </element> |

element **DetailReferences**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Reference**](#Link0716A3E8) |
| used by | |  |  | | --- | --- | | elements | [**DocumentLineItem**](#Link074050C0)[**LoadCompartment**](#Link07403C70) | |
| source | <element name="DetailReferences">  <complexType>  <sequence>  <element ref="pidx:Reference" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **DisplayList**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:YesNo**](#Link070ADCE8) |
| properties | |  |  | | --- | --- | | content | simple | | default | No | |
| used by | |  |  | | --- | --- | | complexType | [**SecondaryLoadReferenceCT**](#Link0717CB88) | |
| facets | |  |  | | --- | --- | | enumeration | Yes | | enumeration | No | |
| annotation | |  | | --- | | documentation | | TAS system should display valid list of references attached to LoadID | |
| source | <element name="DisplayList" type="pidx:YesNo" default="No">  <annotation>  <documentation>TAS system should display valid list of references attached to LoadID</documentation>  </annotation> </element> |

element **DistributionChannel**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**PartnerInformation**](#Link0725D980) | |
| annotation | |  | | --- | | documentation | | Distribution Channel | |
| source | <element name="DistributionChannel" type="string">  <annotation>  <documentation>Distribution Channel</documentation>  </annotation> </element> |

element **Document**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:LoadDocumentType**](#Link07261DD8) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:DocumentHeader**](#Link0714B250)[**pidx:DocumentLineItems**](#Link07404F30)[**pidx:LoadPlan**](#Link07409AF8) |
| used by | |  |  | | --- | --- | | elements | [**Documents**](#Link0714C060)[**OrderInfo**](#Link07232780) | |
| source | <element name="Document" type="pidx:LoadDocumentType"/> |

element **DocumentDate**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **dateTime** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**MeasurementInformation**](#Link0725AF50) | |
| annotation | |  | | --- | | documentation | | Measurements Meter Calibration Date | |
| source | <element name="DocumentDate" type="dateTime">  <annotation>  <documentation>Measurements Meter Calibration Date</documentation>  </annotation> </element> |

element **DocumentDates**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Activity**](#Link07275478) |
| used by | |  |  | | --- | --- | | element | [**DocumentHeader**](#Link0714B250) | |
| annotation | |  | | --- | | documentation | | Specify ValidDate, ExpireDate, CleanUpDate | |
| source | <element name="DocumentDates">  <annotation>  <documentation>Specify ValidDate, ExpireDate, CleanUpDate</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:Activity" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **DocumentHeader**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:MovementType**](#Link0722E078)[**pidx:DocumentOriginator**](#Link0714C1F0)[**pidx:DocumentIdentifier**](#Link0714CB50)[**pidx:DriverDocumentIdentifier**](#Link0714BF98)[**pidx:DocumentStatus**](#Link0714C510)[**pidx:BlockIndicator**](#Link0714C5D8)[**pidx:DocumentType**](#Link07230B68)[**pidx:DocumentName**](#Link07230AA0)[**pidx:IssuedDate**](#Link0722F4C8)[**pidx:Revision**](#Link074098A0)[**pidx:Partners**](#Link0714ADA0)[**pidx:AuthorizationSetting**](#Link072776D8)[**pidx:SecondaryLoadReference**](#Link074025C8)[**pidx:References**](#Link0716A258)[**pidx:DocumentDates**](#Link0714C6A0)[**pidx:PlannedModeOfTransport**](#Link07409008) |
| used by | |  |  | | --- | --- | | complexType | [**LoadDocumentType**](#Link07261DD8) | |
| source | <element name="DocumentHeader">  <complexType>  <sequence>  <element ref="pidx:MovementType"/>  <element ref="pidx:DocumentOriginator"/>  <element ref="pidx:DocumentIdentifier"/>  <element ref="pidx:DriverDocumentIdentifier"/>  <element ref="pidx:DocumentStatus"/>  <element ref="pidx:BlockIndicator"/>  <element ref="pidx:DocumentType" minOccurs="0"/>  <element ref="pidx:DocumentName" minOccurs="0"/>  <element ref="pidx:IssuedDate" minOccurs="0"/>  <element ref="pidx:Revision" minOccurs="0"/>  <element ref="pidx:Partners" minOccurs="0">  <annotation>  <documentation>Sales Company, DistributionCompany</documentation>  </annotation>  </element>  <element ref="pidx:AuthorizationSetting" minOccurs="0"/>  <element ref="pidx:SecondaryLoadReference" minOccurs="0"/>  <element ref="pidx:References" minOccurs="0">  <annotation>  <documentation>LoadID, TASLoadID, ThirdPartyLoadID, LIDADDON, LoadProcessingGroup</documentation>  </annotation>  </element>  <element ref="pidx:DocumentDates" minOccurs="0">  <annotation>  <documentation>Specify ValidDate, ExpireDate, ArchiveDate/DeleteMe</documentation>  </annotation>  </element>  <element ref="pidx:PlannedModeOfTransport" minOccurs="0"/>  </sequence>  </complexType> </element> |

element **DocumentIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | elements | [**DocumentHeader**](#Link0714B250)[**DocumentReference**](#Link07230208)[**Header**](#Link0722EE88)[**PlannedLifting**](#Link07242398)[**ResponseInfo**](#Link0716AC80) | | complexTypes | [**AgentData**](#Link07166568)[**DocumentData**](#Link07262188)[**PMResponseBody**](#Link072692C8) | |
| annotation | |  | | --- | | documentation | | Generic Document ID | |
| source | <element name="DocumentIdentifier" type="string">  <annotation>  <documentation>Generic Document ID</documentation>  </annotation> </element> |

element **DocumentLineItem**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:LineItemNumber**](#Link07405F98)[**pidx:LineItemStatus**](#Link07406060)[**pidx:BlockIndicator**](#Link0714C5D8)[**pidx:DocumentType**](#Link07230B68)[**pidx:PlannedModeOfTransport**](#Link07409008)[**pidx:Location**](#Link0725A208)[**pidx:PlannedProduct**](#Link074048F0)[**pidx:PlannedQuantity**](#Link07403180)[**pidx:QuantitySchedules**](#Link074042B0)[**pidx:DetailDates**](#Link07406510)[**pidx:DetailPartners**](#Link0714B0C0)[**pidx:DetailReferences**](#Link07406128)[**pidx:Tax**](#Link0716FBB8)[**pidx:Terms**](#Link074062B8)[**pidx:Export**](#Link074069C0)[**pidx:EMCS**](#Link07407000)[**pidx:Authorization**](#Link0726B218)[**pidx:TankDelivery**](#Link07408E78) |
| used by | |  |  | | --- | --- | | element | [**DocumentLineItems**](#Link07404F30) | |
| source | <element name="DocumentLineItem">  <complexType>  <sequence>  <element ref="pidx:LineItemNumber"/>  <element ref="pidx:LineItemStatus" minOccurs="0"/>  <element ref="pidx:BlockIndicator"/>  <element ref="pidx:DocumentType" minOccurs="0"/>  <element ref="pidx:PlannedModeOfTransport"/>  <element ref="pidx:Location"/>  <element ref="pidx:PlannedProduct"/>  <element ref="pidx:PlannedQuantity"/>  <element ref="pidx:QuantitySchedules" minOccurs="0"/>  <element ref="pidx:DetailDates" minOccurs="0">  <annotation>  <documentation>Specify EstDelivery and StartLoad</documentation>  </annotation>  </element>  <element ref="pidx:DetailPartners" minOccurs="0"/>  <element ref="pidx:DetailReferences" minOccurs="0"/>  <element ref="pidx:Tax" minOccurs="0"/>  <element ref="pidx:Terms" minOccurs="0"/>  <element ref="pidx:Export" minOccurs="0"/>  <element ref="pidx:EMCS" minOccurs="0"/>  <element ref="pidx:Authorization" minOccurs="0"/>  <element ref="pidx:TankDelivery" minOccurs="0"/>  </sequence>  </complexType> </element> |

element **DocumentLineItems**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:DocumentLineItem**](#Link074050C0) |
| used by | |  |  | | --- | --- | | complexType | [**LoadDocumentType**](#Link07261DD8) | |
| source | <element name="DocumentLineItems">  <complexType>  <sequence>  <element ref="pidx:DocumentLineItem" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **DocumentName**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | elements | [**DocumentHeader**](#Link0714B250)[**DocumentReference**](#Link07230208) | | complexTypes | [**AgentData**](#Link07166568)[**DocumentData**](#Link07262188) | |
| annotation | |  | | --- | | documentation | | Document Name | |
| source | <element name="DocumentName" type="string">  <annotation>  <documentation>Document Name </documentation>  </annotation> </element> |

element **DocumentOriginator**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | elements | [**DocumentHeader**](#Link0714B250)[**DocumentReference**](#Link07230208)[**PlannedLifting**](#Link07242398)[**ResponseInfo**](#Link0716AC80) | | complexType | [**PMResponseBody**](#Link072692C8) | |
| annotation | |  | | --- | | documentation | | Contains the PIDX Company Code of the Document Creator/Orignator | |
| source | <element name="DocumentOriginator" type="string">  <annotation>  <documentation>Contains the PIDX Company Code of the Document Creator/Orignator</documentation>  </annotation> </element> |

element **DocumentReference**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:DocumentReferenceType**](#Link07230C30)[**pidx:DocumentIdentifier**](#Link0714CB50)[**pidx:DocumentType**](#Link07230B68)[**pidx:DocumentName**](#Link07230AA0)[**pidx:Shift**](#Link0716FA28)[**pidx:ShiftSeq**](#Link0716FAF0)[**pidx:IssuedDate**](#Link0722F4C8)[**pidx:RevisionNumber**](#Link0716E9C0)[**pidx:DocumentOriginator**](#Link0714C1F0)[**pidx:Revision**](#Link074098A0) |
| used by | |  |  | | --- | --- | | complexType | [**PostingData**](#Link07176FE0) | |
| annotation | |  | | --- | | documentation | | Complex Type for Document Data | |
| source | <element name="DocumentReference">  <annotation>  <documentation>Complex Type for Document Data</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:DocumentReferenceType"/>  <element ref="pidx:DocumentIdentifier">  <annotation>  <documentation>Document ID</documentation>  </annotation>  </element>  <element ref="pidx:DocumentType" minOccurs="0"/>  <element ref="pidx:DocumentName" minOccurs="0"/>  <element ref="pidx:Shift" minOccurs="0"/>  <element ref="pidx:ShiftSeq" minOccurs="0"/>  <element ref="pidx:IssuedDate" minOccurs="0"/>  <element ref="pidx:RevisionNumber" minOccurs="0"/>  <element ref="pidx:DocumentOriginator" minOccurs="0"/>  <element ref="pidx:Revision" minOccurs="0"/>  </sequence>  </complexType> </element> |

element **DocumentReferenceType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | union of ([**pidx:DocumentTypes**](#Link0724EFD0), [**pidx:DriverEnteredData**](#Link0724EE78)) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**DocumentReference**](#Link07230208) | |
| annotation | |  | | --- | | documentation | | Planned Movements Plus CustomerReference Number | |
| source | <element name="DocumentReferenceType">  <annotation>  <documentation>Planned Movements Plus CustomerReference Number</documentation>  </annotation>  <simpleType>  <union memberTypes="pidx:DocumentTypes pidx:DriverEnteredData"/>  </simpleType> </element> |

element **Documents**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Document**](#Link0714C448) |
| source | <element name="Documents">  <complexType>  <sequence>  <element ref="pidx:Document" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **DocumentSequence**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **integer** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Header**](#Link0722EE88) | |
| annotation | |  | | --- | | documentation | | Document Sequence between Partners | |
| source | <element name="DocumentSequence" type="integer">  <annotation>  <documentation>Document Sequence between Partners</documentation>  </annotation> </element> |

element **DocumentStatus**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:StatusCodes**](#Link070ADF98) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**DocumentHeader**](#Link0714B250) | |
| facets | |  |  | | --- | --- | | enumeration | New | | enumeration | Changed | | enumeration | Deleted | |
| source | <element name="DocumentStatus" type="pidx:StatusCodes"/> |

element **DocumentType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | elements | [**DocumentHeader**](#Link0714B250)[**DocumentLineItem**](#Link074050C0)[**DocumentReference**](#Link07230208) | | complexTypes | [**AgentData**](#Link07166568)[**DocumentData**](#Link07262188) | |
| annotation | |  | | --- | | documentation | | Seller Document Type Defined On Origination Document | |
| source | <element name="DocumentType" type="string">  <annotation>  <documentation>Seller Document Type Defined On Origination Document</documentation>  </annotation> </element> |

element **DriverCardNo**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Agent**](#Link072759F0) | |
| annotation | |  | | --- | | documentation | | Driver Card No assigned at Terminal | |
| source | <element name="DriverCardNo" type="string">  <annotation>  <documentation>Driver Card No assigned at Terminal</documentation>  </annotation> </element> |

element **DriverDocumentIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | elements | [**DocumentHeader**](#Link0714B250)[**PlannedLifting**](#Link07242398)[**ResponseInfo**](#Link0716AC80) | |
| annotation | |  | | --- | | documentation | | Document Identifier that the driver types in at the TAS. | |
| source | <element name="DriverDocumentIdentifier" type="string">  <annotation>  <documentation>Document Identifier that the driver types in at the TAS.</documentation>  </annotation> </element> |

element **DriverIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Agent**](#Link072759F0) | |
| annotation | |  | | --- | | documentation | | DriverID assigned at Terminal | |
| source | <element name="DriverIdentifier" type="string">  <annotation>  <documentation>DriverID assigned at Terminal</documentation>  </annotation> </element> |

element **DriverLicense**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Agent**](#Link072759F0) | |
| annotation | |  | | --- | | documentation | | Driver License Number | |
| source | <element name="DriverLicense" type="string">  <annotation>  <documentation>Driver License Number</documentation>  </annotation> </element> |

element **DriverName**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Agent**](#Link072759F0) | |
| annotation | |  | | --- | | documentation | | Agent Driver Name | |
| source | <element name="DriverName" type="string">  <annotation>  <documentation>Agent Driver Name</documentation>  </annotation> </element> |

element **EMCS**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:SubmissionMessageType**](#Link07407E10)[**pidx:DestinationTypeCode**](#Link07407AF0)[**pidx:TransportArrangerCode**](#Link07407BB8)[**pidx:GuarantorTypeCode**](#Link07407C80)[**pidx:TransportModeCode**](#Link07407D48)[**pidx:JourneyTime**](#Link07407ED8)[**pidx:ConsigneeCountry**](#Link07407FA0)[**pidx:ConsigneeReleaseNumber**](#Link07408068)[**pidx:ConsigneeLanguage**](#Link07408130)[**pidx:DestinationLanguage**](#Link074081F8)[**pidx:ComplementaryInformation**](#Link074082C0)[**pidx:ComplementaryInfLanguage**](#Link07408388)[**pidx:Guarantors**](#Link07408450) |
| used by | |  |  | | --- | --- | | element | [**DocumentLineItem**](#Link074050C0) | |
| annotation | |  | | --- | | documentation | | EMCS Data for Europe v5.02 | |
| source | <element name="EMCS">  <annotation>  <documentation>EMCS Data for Europe v5.02</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:SubmissionMessageType"/>  <element ref="pidx:DestinationTypeCode"/>  <element ref="pidx:TransportArrangerCode"/>  <element ref="pidx:GuarantorTypeCode"/>  <element ref="pidx:TransportModeCode"/>  <element ref="pidx:JourneyTime"/>  <element ref="pidx:ConsigneeCountry" minOccurs="0"/>  <element ref="pidx:ConsigneeReleaseNumber" minOccurs="0"/>  <element ref="pidx:ConsigneeLanguage" minOccurs="0"/>  <element ref="pidx:DestinationLanguage" minOccurs="0"/>  <element ref="pidx:ComplementaryInformation" minOccurs="0"/>  <element ref="pidx:ComplementaryInfLanguage" minOccurs="0"/>  <element ref="pidx:Guarantors" minOccurs="0"/>  </sequence>  </complexType> </element> |

element **EndPeriod**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **date** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**QuantityScheduleType**](#Link07186AF0) | |
| source | <element name="EndPeriod" type="date"/> |

element **Engine**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:TpuIdentifierCard**](#Link071709C8)[**pidx:TpuType**](#Link07170B58)[**pidx:TpuLicense**](#Link07170A90)[**pidx:UnladenWeight**](#Link0722E460)[**pidx:WeightUnit**](#Link0722E398)[**pidx:EngineSecondaryIdentifier**](#Link07171648) |
| used by | |  |  | | --- | --- | | element | [**ModeOfTransport**](#Link0725BC98) | | complexType | [**LoadPlanInfo**](#Link07185FE0) | |
| annotation | |  | | --- | | documentation | | Complex Type Used to Define Engine | |
| source | <element name="Engine">  <annotation>  <documentation>Complex Type Used to Define Engine</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:TpuIdentifierCard" minOccurs="0">  <annotation>  <documentation>Transportation Unit Card ID </documentation>  </annotation>  </element>  <element ref="pidx:TpuType" minOccurs="0"/>  <element ref="pidx:TpuLicense" minOccurs="0"/>  <element ref="pidx:UnladenWeight" minOccurs="0"/>  <element ref="pidx:WeightUnit" minOccurs="0"/>  <element ref="pidx:EngineSecondaryIdentifier" minOccurs="0" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **EngineIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**EngineSecondaryIdentifier**](#Link07171648) | |
| annotation | |  | | --- | | documentation | | Engine ID Numbers | |
| source | <element name="EngineIdentifier" type="string">  <annotation>  <documentation>Engine ID Numbers</documentation>  </annotation> </element> |

element **EngineIdentifierType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**EngineSecondaryIdentifier**](#Link07171648) | |
| facets | |  |  | | --- | --- | | enumeration | PartnerEngineID | | enumeration | FederalAssignedID | | enumeration | ElectronicID | |
| annotation | |  | | --- | | documentation | | Engine ID Types (See Enums) | |
| source | <element name="EngineIdentifierType">  <annotation>  <documentation>Engine ID Types (See Enums)</documentation>  </annotation>  <simpleType>  <restriction base="string">  <enumeration value="PartnerEngineID"/>  <enumeration value="FederalAssignedID"/>  <enumeration value="ElectronicID"/>  </restriction>  </simpleType> </element> |

element **EngineSecondaryIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:EngineIdentifierType**](#Link071718A0)[**pidx:EngineIdentifier**](#Link07171968) |
| used by | |  |  | | --- | --- | | element | [**Engine**](#Link07231018) | |
| annotation | |  | | --- | | documentation | | Engine Secondary Ids (For Example: Partner, Federal, Electronic assigned IDs). | |
| source | <element name="EngineSecondaryIdentifier">  <annotation>  <documentation>Engine Secondary Ids (For Example: Partner, Federal, Electronic assigned IDs).</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:EngineIdentifierType"/>  <element ref="pidx:EngineIdentifier"/>  </sequence>  </complexType> </element> |

element **EoriNumber**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Export**](#Link074069C0) | |
| annotation | |  | | --- | | documentation | | V5.02 | |
| source | <element name="EoriNumber" type="string">  <annotation>  <documentation>V5.02</documentation>  </annotation> </element> |

element **EquipmentSpecification**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:VechicleSpecificationData**](#Link0725BFB0) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:MaxAmounts**](#Link072317E8)[**pidx:UnladenWeight**](#Link0722E460)[**pidx:WeightUnit**](#Link0722E398) |
| used by | |  |  | | --- | --- | | elements | [**ConfiguredVehicle**](#Link07149F90)[**LoadPartSpecification**](#Link072318B0) | |
| source | <element name="EquipmentSpecification" type="pidx:VechicleSpecificationData"/> |

element **ErrorClass**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:ErrorClaseEnum**](#Link072ED610) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**PMResponseFailedData**](#Link07269850) | |
| facets | |  |  | | --- | --- | | enumeration | Communications | | enumeration | MasterData | | enumeration | AuthorizationFailed | | enumeration | DocumentRestriction | |
| annotation | |  | | --- | | documentation | | Error Class allows for resending without reprocessing if Error is related to communications. | |
| source | <element name="ErrorClass" type="pidx:ErrorClaseEnum">  <annotation>  <documentation>Error Class allows for resending without reprocessing if Error is related to communications.</documentation>  </annotation> </element> |

element **ErrorIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**LineItemErrors/pidxLineItemError**](#Link0726CF00) | | complexType | [**PMResponseFailedData**](#Link07269850) | |
| annotation | |  | | --- | | documentation | | Error Code for Terminal, can be helpful for determining where the failure occurred if necessary. | |
| source | <element name="ErrorIdentifier" type="string">  <annotation>  <documentation>Error Code for Terminal, can be helpful for determining where the failure occurred if necessary.</documentation>  </annotation> </element> |

element **ExpireDate**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **date** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**AgentData**](#Link07166568) | |
| annotation | |  | | --- | | documentation | | Expiration Date | |
| source | <element name="ExpireDate" type="date">  <annotation>  <documentation>Expiration Date</documentation>  </annotation> </element> |

element **Export**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:ExportPartners**](#Link07406830)[**pidx:ExportInfo**](#Link07406DA8)[**pidx:EoriNumber**](#Link07406E70)[**pidx:ForeignTariffRegulation**](#Link07406F38) |
| used by | |  |  | | --- | --- | | element | [**DocumentLineItem**](#Link074050C0) | |
| annotation | |  | | --- | | documentation | | Export Structure v5.02 | |
| source | <element name="Export">  <annotation>  <documentation>Export Structure v5.02</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:ExportPartners"/>  <element ref="pidx:ExportInfo"/>  <element ref="pidx:EoriNumber"/>  <element ref="pidx:ForeignTariffRegulation"/>  </sequence>  </complexType> </element> |

element **Exporter**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | extension of [**pidx:PartnerInformation**](#Link0725D980) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:PartnerName**](#Link07233B08)[**pidx:PartnerIdentifier**](#Link07232AA0)[**pidx:Agency**](#Link07275928)[**pidx:ContactName**](#Link0714A698)[**pidx:ContactNumber**](#Link0714A760)[**pidx:ContactEmail**](#Link0714A5D0)[**pidx:AddressLine**](#Link07275860)[**pidx:CityName**](#Link0726E990)[**pidx:County**](#Link0714AC10)[**pidx:StateOrProvince**](#Link0716F708)[**pidx:PostalCode**](#Link072429D8)[**pidx:PostalCountry**](#Link07242AA0)[**pidx:URL**](#Link07171008)[**pidx:SalesOrganization**](#Link07233D60)[**pidx:SalesDivision**](#Link07241FB0)[**pidx:DistributionChannel**](#Link07233E28)[**pidx:PartnerExciseNumber**](#Link07242140)[**pidx:PartnerVATNumber**](#Link07242078)[**pidx:PartnerLocation**](#Link07233A40)[**pidx:PartnerRoleIndicator**](#Link07406768) |
| used by | |  |  | | --- | --- | | element | [**ExportPartners**](#Link07406830) | |
| annotation | |  | | --- | | documentation | | Defines Exporter v5.02 | |
| source | <element name="Exporter">  <annotation>  <documentation>Defines Exporter v5.02</documentation>  </annotation>  <complexType>  <complexContent>  <extension base="pidx:PartnerInformation">  <sequence>  <element name="PartnerRoleIndicator" type="pidx:CustomsRoleEnum"/>  </sequence>  </extension>  </complexContent>  </complexType> </element> |

element **Exporter/PartnerRoleIndicator**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:CustomsRoleEnum**](#Link070AE650) |
| properties | |  |  | | --- | --- | | isRef | 0 | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**PartnerRoleInformation**](#Link0725DB58) | |
| facets | |  |  | | --- | --- | | enumeration | BorderCrossingPoint | | enumeration | CustomsOffice | | enumeration | Exporter | |
| source | <element name="PartnerRoleIndicator" type="pidx:CustomsRoleEnum"/> |

element **ExportInfo**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Export**](#Link074069C0) | |
| annotation | |  | | --- | | documentation | | V5.02 | |
| source | <element name="ExportInfo" type="string">  <annotation>  <documentation>V5.02</documentation>  </annotation> </element> |

element **ExportPartners**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Exporter**](#Link074066A0) |
| used by | |  |  | | --- | --- | | element | [**Export**](#Link074069C0) | |
| source | <element name="ExportPartners">  <complexType>  <sequence>  <element ref="pidx:Exporter" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **Failed**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:PMResponseFailedData**](#Link07269850) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:FromSeller**](#Link0726D9F0)[**pidx:ErrorIdentifier**](#Link0726CBE0)[**pidx:ErrorClass**](#Link0726CB18)[**pidx:Message**](#Link0726CCA8)[**pidx:LineItemResponses**](#Link0726D860) |
| used by | |  |  | | --- | --- | | element | [**ResponseResult**](#Link0726BAB0) | |
| annotation | |  | | --- | | documentation | | Failed Data Elements | |
| source | <element name="Failed" type="pidx:PMResponseFailedData">  <annotation>  <documentation>Failed Data Elements</documentation>  </annotation> </element> |

element **FinalShipper**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**AuthParties**](#Link0726E288) | |
| annotation | |  | | --- | | documentation | | Final Shipper Seller Number - Used for Chained Equity to indicate Stockowner | |
| source | <element name="FinalShipper" type="string">  <annotation>  <documentation>Final Shipper Seller Number - Used for Chained Equity to indicate Stockowner</documentation>  </annotation> </element> |

element **FinalShipperDocumentSequence**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **integer** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**ShipperData**](#Link07276B20) | |
| annotation | |  | | --- | | documentation | | Final Shipper BOL Sequence - Sequence used for each BOL going to stockowner | |
| source | <element name="FinalShipperDocumentSequence" type="integer">  <annotation>  <documentation>Final Shipper BOL Sequence - Sequence used for each BOL going to stockowner</documentation>  </annotation> </element> |

element **ForeignTariffRegulation**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Export**](#Link074069C0) | |
| annotation | |  | | --- | | documentation | | V5.02 | |
| source | <element name="ForeignTariffRegulation" type="string">  <annotation>  <documentation>V5.02</documentation>  </annotation> </element> |

element **From**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:PartnerRoleInformation**](#Link0725DB58) |
| properties | |  |  | | --- | --- | | content | complex | | mixed | false | |
| children | [**pidx:PartnerName**](#Link07233B08)[**pidx:PartnerIdentifier**](#Link07232AA0)[**pidx:Agency**](#Link07275928)[**pidx:ContactName**](#Link0714A698)[**pidx:ContactNumber**](#Link0714A760)[**pidx:ContactEmail**](#Link0714A5D0)[**pidx:AddressLine**](#Link07275860)[**pidx:CityName**](#Link0726E990)[**pidx:County**](#Link0714AC10)[**pidx:StateOrProvince**](#Link0716F708)[**pidx:PostalCode**](#Link072429D8)[**pidx:PostalCountry**](#Link07242AA0)[**pidx:URL**](#Link07171008)[**pidx:SalesOrganization**](#Link07233D60)[**pidx:SalesDivision**](#Link07241FB0)[**pidx:DistributionChannel**](#Link07233E28)[**pidx:PartnerExciseNumber**](#Link07242140)[**pidx:PartnerVATNumber**](#Link07242078)[**pidx:PartnerLocation**](#Link07233A40)[**pidx:PartnerRoleIndicator**](#Link07233BD0) |
| used by | |  |  | | --- | --- | | element | [**Header**](#Link0722EE88) | |
| annotation | |  | | --- | | documentation | | Loading Delivery Recipe From Envelope Information | |
| source | <element name="From" type="pidx:PartnerRoleInformation">  <annotation>  <documentation>Loading Delivery Recipe From Envelope Information</documentation>  </annotation> </element> |

element **FromSeller**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**LineItemResponse**](#Link0726D220) | | complexTypes | [**PIDXPlannedMovementReq**](#Link07177568)[**PMResponseFailedData**](#Link07269850)[**PMResponseSucessData**](#Link07269678) | |
| source | <element name="FromSeller" type="string"/> |

element **GeoFence**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **decimal** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**GeoLocation**](#Link0725C538) | |
| annotation | |  | | --- | | documentation | | Indicates a Fixed Distance around the Lat/Long Specified | |
| source | <element name="GeoFence" type="decimal">  <annotation>  <documentation>Indicates a Fixed Distance around the Lat/Long Specified</documentation>  </annotation> </element> |

element **GeoFenceUnit**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:FenceUnits**](#Link0724ED20) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**GeoLocation**](#Link0725C538) | |
| facets | |  |  | | --- | --- | | enumeration | FT | | enumeration | YD | | enumeration | M | | enumeration | KM | |
| annotation | |  | | --- | | documentation | | Ft or Meters around the fixed distance | |
| source | <element name="GeoFenceUnit" type="pidx:FenceUnits">  <annotation>  <documentation>Ft or Meters around the fixed distance</documentation>  </annotation> </element> |

element **Gravity**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:GravityType**](#Link07277C08) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:MeasurementType**](#Link07273E98)[**pidx:MeasurementReference**](#Link0725B7E8)[**pidx:MeasurementQualifier**](#Link0725B720)[**pidx:Quantity**](#Link0725B978)[**pidx:Unit**](#Link072741B8) |
| source | <element name="Gravity" type="pidx:GravityType"/> |

element **Guarantor**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:PartnerInformation**](#Link0725D980) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:PartnerName**](#Link07233B08)[**pidx:PartnerIdentifier**](#Link07232AA0)[**pidx:Agency**](#Link07275928)[**pidx:ContactName**](#Link0714A698)[**pidx:ContactNumber**](#Link0714A760)[**pidx:ContactEmail**](#Link0714A5D0)[**pidx:AddressLine**](#Link07275860)[**pidx:CityName**](#Link0726E990)[**pidx:County**](#Link0714AC10)[**pidx:StateOrProvince**](#Link0716F708)[**pidx:PostalCode**](#Link072429D8)[**pidx:PostalCountry**](#Link07242AA0)[**pidx:URL**](#Link07171008)[**pidx:SalesOrganization**](#Link07233D60)[**pidx:SalesDivision**](#Link07241FB0)[**pidx:DistributionChannel**](#Link07233E28)[**pidx:PartnerExciseNumber**](#Link07242140)[**pidx:PartnerVATNumber**](#Link07242078)[**pidx:PartnerLocation**](#Link07233A40) |
| used by | |  |  | | --- | --- | | element | [**Guarantors**](#Link07408450) | |
| annotation | |  | | --- | | documentation | | Complex type of Partner Information | |
| source | <element name="Guarantor" type="pidx:PartnerInformation">  <annotation>  <documentation>Complex type of Partner Information</documentation>  </annotation> </element> |

element **Guarantors**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Guarantor**](#Link074085E0) |
| used by | |  |  | | --- | --- | | element | [**EMCS**](#Link07407000) | |
| source | <element name="Guarantors">  <complexType>  <sequence>  <element ref="pidx:Guarantor" maxOccurs="4"/>  </sequence>  </complexType> </element> |

element **GuarantorTypeCode**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:EMCSGuarantorEnum**](#Link0724E108) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**EMCS**](#Link07407000) | |
| facets | |  |  | | --- | --- | | enumeration | 0 | | enumeration | 1 | | enumeration | 2 | | enumeration | 3 | | enumeration | 4 | | enumeration | 12 | | enumeration | 13 | | enumeration | 14 | | enumeration | 23 | | enumeration | 24 | | enumeration | 34 | | enumeration | 123 | | enumeration | 124 | | enumeration | 134 | | enumeration | 234 | | enumeration | 1234 | |
| annotation | |  | | --- | | documentation | | EMCS Data for Europe v5.02 | |
| source | <element name="GuarantorTypeCode" type="pidx:EMCSGuarantorEnum">  <annotation>  <documentation>EMCS Data for Europe v5.02</documentation>  </annotation> </element> |

element **Header**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:DocumentSequence**](#Link07230DC0)[**pidx:NextDocumentSequence**](#Link07230CF8)[**pidx:DocumentIdentifier**](#Link0714CB50)[**pidx:DateTime**](#Link0714ACD8)[**pidx:LastDateTime**](#Link0722F720)[**pidx:From**](#Link0722E780)[**pidx:To**](#Link07170900) |
| used by | |  |  | | --- | --- | | complexType | [**PMResponseComplex**](#Link07268D40) | |
| annotation | |  | | --- | | documentation | | Loading Delivery Receipt Document Header Information | |
| source | <element name="Header">  <annotation>  <documentation>Loading Delivery Receipt Document Header Information</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:DocumentSequence" minOccurs="0"/>  <element ref="pidx:NextDocumentSequence" minOccurs="0"/>  <element ref="pidx:DocumentIdentifier" minOccurs="0"/>  <element ref="pidx:DateTime"/>  <element ref="pidx:LastDateTime" minOccurs="0"/>  <element ref="pidx:From"/>  <element ref="pidx:To"/>  </sequence>  </complexType> </element> |

element **Incoterms**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:IncoTermEnums**](#Link0724EA70) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Terms**](#Link074062B8) | |
| facets | |  |  | | --- | --- | | enumeration | EXW | | enumeration | FCA | | enumeration | CPT | | enumeration | CIP | | enumeration | DAT | | enumeration | DAP | | enumeration | DDP | | enumeration | FAS | | enumeration | FOB | | enumeration | CFR | | enumeration | CIF | | enumeration | DAF | | enumeration | DES | | enumeration | DEQ | | enumeration | DDU | |
| annotation | |  | | --- | | documentation | | Standard International Incoterm list | |
| source | <element name="Incoterms" type="pidx:IncoTermEnums">  <annotation>  <documentation>Standard International Incoterm list</documentation>  </annotation> </element> |

element **IncotermsText**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Terms**](#Link074062B8) | |
| annotation | |  | | --- | | documentation | | Additional text for Incoterm | |
| source | <element name="IncotermsText" type="string">  <annotation>  <documentation>Additional text for Incoterm</documentation>  </annotation> </element> |

element **IssueDate**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **date** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**AgentData**](#Link07166568) | |
| annotation | |  | | --- | | documentation | | Issue Date | |
| source | <element name="IssueDate" type="date">  <annotation>  <documentation>Issue Date</documentation>  </annotation> </element> |

element **IssuedDate**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **dateTime** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | elements | [**DocumentHeader**](#Link0714B250)[**DocumentReference**](#Link07230208) | | complexType | [**DocumentData**](#Link07262188) | |
| annotation | |  | | --- | | documentation | | Document Reference Issue Date | |
| source | <element name="IssuedDate" type="dateTime">  <annotation>  <documentation>Document Reference Issue Date</documentation>  </annotation> </element> |

element **IssuingAgency**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**AgentData**](#Link07166568) | |
| annotation | |  | | --- | | documentation | | Agency responsible for Issuing document. | |
| source | <element name="IssuingAgency" type="string">  <annotation>  <documentation>Agency responsible for Issuing document.</documentation>  </annotation> </element> |

element **JourneyTime**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**EMCS**](#Link07407000) | |
| annotation | |  | | --- | | documentation | | No Type in BP document v5.02 | |
| source | <element name="JourneyTime" type="string">  <annotation>  <documentation>No Type in BP document v5.02</documentation>  </annotation> </element> |

element **LastDateTime**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **dateTime** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Header**](#Link0722EE88) | |
| annotation | |  | | --- | | documentation | | Header Element indicating Last Time Document was sent | |
| source | <element name="LastDateTime" type="dateTime">  <annotation>  <documentation>Header Element indicating Last Time Document was sent</documentation>  </annotation> </element> |

element **LastModified**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **dateTime** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**RevisionData**](#Link0718A918) | |
| source | <element name="LastModified" type="dateTime"/> |

element **Latitude**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **decimal** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**GeoLocation**](#Link0725C538) | |
| annotation | |  | | --- | | documentation | | Geological Latitude | |
| source | <element name="Latitude" type="decimal">  <annotation>  <documentation>Geological Latitude</documentation>  </annotation> </element> |

element **LeftOnBoard**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:OnBoardDefinition**](#Link07186EA0) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:ProductIdentifiers**](#Link07172DB8)[**pidx:Measurements**](#Link0725B400) |
| used by | |  |  | | --- | --- | | element | [**LoadCompartment**](#Link07403C70) | |
| source | <element name="LeftOnBoard" type="pidx:OnBoardDefinition"/> |

element **LineItemError**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| source | <element name="LineItemError"/> |

element **LineItemErrors**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:pidxLineItemError**](#Link0726CF00) |
| annotation | |  | | --- | | documentation | | Repeating Node containing the Line Item Errors. | |
| source | <element name="LineItemErrors">  <annotation>  <documentation>Repeating Node containing the Line Item Errors.</documentation>  </annotation>  <complexType>  <sequence>  <element name="pidxLineItemError" maxOccurs="unbounded">  <complexType>  <sequence>  <element ref="pidx:LineItemNumber"/>  <element ref="pidx:ErrorIdentifier" minOccurs="0"/>  <element ref="pidx:Message" minOccurs="0"/>  </sequence>  </complexType>  </element>  </sequence>  </complexType> </element> |

element **LineItemErrors/pidxLineItemError**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | isRef | 0 | | minOcc | 1 | | maxOcc | unbounded | | content | complex | |
| children | [**pidx:LineItemNumber**](#Link07405F98)[**pidx:ErrorIdentifier**](#Link0726CBE0)[**pidx:Message**](#Link0726CCA8) |
| source | <element name="pidxLineItemError" maxOccurs="unbounded">  <complexType>  <sequence>  <element ref="pidx:LineItemNumber"/>  <element ref="pidx:ErrorIdentifier" minOccurs="0"/>  <element ref="pidx:Message" minOccurs="0"/>  </sequence>  </complexType> </element> |

element **LineItemNumber**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | elements | [**DocumentLineItem**](#Link074050C0)[**LineItemResponse**](#Link0726D220)[**LineItemErrors/pidxLineItemError**](#Link0726CF00) | |
| annotation | |  | | --- | | documentation | | Document Line Item Number | |
| source | <element name="LineItemNumber" type="string">  <annotation>  <documentation>Document Line Item Number</documentation>  </annotation> </element> |

element **LineItemResponse**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:FromSeller**](#Link0726D9F0)[**pidx:LineItemNumber**](#Link07405F98)[**pidx:LineItemResponseType**](#Link0726D6D0)[**pidx:ReasonCode**](#Link0726D798)[**pidx:Message**](#Link0726CCA8) |
| used by | |  |  | | --- | --- | | element | [**LineItemResponses**](#Link0726D860) | |
| source | <element name="LineItemResponse">  <complexType>  <sequence>  <element ref="pidx:FromSeller" minOccurs="0"/>  <element ref="pidx:LineItemNumber"/>  <element ref="pidx:LineItemResponseType"/>  <element ref="pidx:ReasonCode" minOccurs="0">  <annotation>  <documentation>Global Code for Failure - See DenyCodes</documentation>  </annotation>  </element>  <element ref="pidx:Message"/>  </sequence>  </complexType> </element> |

element **LineItemResponses**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:LineItemResponse**](#Link0726D220) |
| used by | |  |  | | --- | --- | | complexTypes | [**PMResponseFailedData**](#Link07269850)[**PMResponseSucessData**](#Link07269678) | |
| source | <element name="LineItemResponses">  <complexType>  <sequence>  <element ref="pidx:LineItemResponse" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **LineItemResponseType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:LineItemResponseEnum**](#Link072ED768) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**LineItemResponse**](#Link0726D220) | |
| facets | |  |  | | --- | --- | | enumeration | Failed | | enumeration | Success | | enumeration | Warning | |
| annotation | |  | | --- | | documentation | | Sucess, Failed, Warning | |
| source | <element name="LineItemResponseType" type="pidx:LineItemResponseEnum">  <annotation>  <documentation>Sucess, Failed, Warning</documentation>  </annotation> </element> |

element **LineItemStatus**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:StatusCodes**](#Link070ADF98) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**DocumentLineItem**](#Link074050C0) | |
| facets | |  |  | | --- | --- | | enumeration | New | | enumeration | Changed | | enumeration | Deleted | |
| annotation | |  | | --- | | documentation | | Document Line Item Status | |
| source | <element name="LineItemStatus" type="pidx:StatusCodes">  <annotation>  <documentation>Document Line Item Status</documentation>  </annotation> </element> |

element **LoadCompartment**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:CompartmentNumber**](#Link07149A18)[**pidx:CompartmentSpecification**](#Link07404E68)[**pidx:PlannedProduct**](#Link074048F0)[**pidx:CompartmentQuantity**](#Link07402FF0)[**pidx:DetailReferences**](#Link07406128)[**pidx:Seals**](#Link0716ECE0)[**pidx:LeftOnBoard**](#Link07404C10) |
| used by | |  |  | | --- | --- | | element | [**LoadCompartments**](#Link07403AE0) | |
| source | <element name="LoadCompartment">  <complexType>  <sequence>  <element ref="pidx:CompartmentNumber"/>  <element ref="pidx:CompartmentSpecification" minOccurs="0"/>  <element ref="pidx:PlannedProduct"/>  <element ref="pidx:CompartmentQuantity"/>  <element ref="pidx:DetailReferences" minOccurs="0"/>  <element ref="pidx:Seals" minOccurs="0"/>  <element ref="pidx:LeftOnBoard" minOccurs="0"/>  </sequence>  </complexType> </element> |

element **LoadCompartments**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:LoadCompartment**](#Link07403C70) |
| used by | |  |  | | --- | --- | | element | [**LoadingPlanPart**](#Link07403630) | |
| source | <element name="LoadCompartments">  <complexType>  <sequence>  <element ref="pidx:LoadCompartment" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **LoadingPart**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:LoadPartIdentification**](#Link0722F7E8)[**pidx:Compartments**](#Link07149888) |
| used by | |  |  | | --- | --- | | element | [**LoadingParts**](#Link07259FB0) | |
| annotation | |  | | --- | | documentation | | Complex Type Containing Posting Information | |
| source | <element name="LoadingPart">  <annotation>  <documentation>Complex Type Containing Posting Information</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:LoadPartIdentification"/>  <element ref="pidx:Compartments" minOccurs="0"/>  </sequence>  </complexType> </element> |

element **LoadingPartIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**LoadingPartSecondaryIdentifier**](#Link07171E18) | |
| annotation | |  | | --- | | documentation | | Loading Part ID | |
| source | <element name="LoadingPartIdentifier" type="string">  <annotation>  <documentation>Loading Part ID</documentation>  </annotation> </element> |

element **LoadingPartIdentifierType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**LoadingPartSecondaryIdentifier**](#Link07171E18) | |
| facets | |  |  | | --- | --- | | enumeration | PartnerEngineID | | enumeration | FederalAssignedID | | enumeration | ElectronicID | |
| annotation | |  | | --- | | documentation | | Loading Part ID Type (See Enums) | |
| source | <element name="LoadingPartIdentifierType">  <annotation>  <documentation>Loading Part ID Type (See Enums)</documentation>  </annotation>  <simpleType>  <restriction base="string">  <enumeration value="PartnerEngineID"/>  <enumeration value="FederalAssignedID"/>  <enumeration value="ElectronicID"/>  </restriction>  </simpleType> </element> |

element **LoadingParts**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:LoadingPart**](#Link0722FC98) |
| used by | |  |  | | --- | --- | | element | [**Transport**](#Link07170C20) | |
| annotation | |  | | --- | | documentation | | Complex Type Containing Loading Part | |
| source | <element name="LoadingParts">  <annotation>  <documentation>Complex Type Containing Loading Part</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:LoadingPart" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **LoadingPartSecondaryIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:LoadingPartIdentifierType**](#Link07172070)[**pidx:LoadingPartIdentifier**](#Link07172138) |
| used by | |  |  | | --- | --- | | element | [**LoadPartIdentification**](#Link0722F7E8) | |
| annotation | |  | | --- | | documentation | | Loading Parts Secondary IDs (container Identifiers, for trucks it should contain trailer secondary ids). | |
| source | <element name="LoadingPartSecondaryIdentifier">  <annotation>  <documentation>Loading Parts Secondary IDs (container Identifiers, for trucks it should contain trailer secondary ids).</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:LoadingPartIdentifierType"/>  <element ref="pidx:LoadingPartIdentifier"/>  </sequence>  </complexType> </element> |

element **LoadingPlanPart**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:LoadPartIdentification**](#Link0722F7E8)[**pidx:LoadPartSpecification**](#Link072318B0)[**pidx:LoadCompartments**](#Link07403AE0) |
| used by | |  |  | | --- | --- | | element | [**LoadingPlanParts**](#Link07403950) | |
| source | <element name="LoadingPlanPart">  <complexType>  <sequence>  <element ref="pidx:LoadPartIdentification"/>  <element ref="pidx:LoadPartSpecification" minOccurs="0"/>  <element ref="pidx:LoadCompartments" minOccurs="0"/>  </sequence>  </complexType> </element> |

element **LoadingPlanParts**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:LoadingPlanPart**](#Link07403630) |
| used by | |  |  | | --- | --- | | complexType | [**LoadPlanInfo**](#Link07185FE0) | |
| source | <element name="LoadingPlanParts">  <complexType>  <sequence>  <element ref="pidx:LoadingPlanPart" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **LoadingRef**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**ProductList**](#Link07243C98) | |
| annotation | |  | | --- | | documentation | | Reference Number stored with Allocation possible Indicating the Contract Line Item for Rack Liftings. Should be returned when sending product data back on BOL. | |
| source | <element name="LoadingRef" type="string">  <annotation>  <documentation>Reference Number stored with Allocation possible Indicating the Contract Line Item for Rack Liftings. Should be returned when sending product data back on BOL.</documentation>  </annotation> </element> |

element **LoadingType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | elements | [**PlannedLifting**](#Link07242398)[**ResponseInfo**](#Link0716AC80) | |
| facets | |  |  | | --- | --- | | enumeration | RackPickup | | enumeration | RealTimeRemoteOrderDownload | | enumeration | LocalTerminalOrder | |
| annotation | |  | | --- | | documentation | | LoadingType Used to during Authorization to determine Clearing House Action | |
| source | <element name="LoadingType">  <annotation>  <documentation>LoadingType Used to during Authorization to determine Clearing House Action</documentation>  </annotation>  <simpleType>  <restriction base="string">  <enumeration value="RackPickup">  <annotation>  <documentation>Used to indicate an unplanned pickup for Authorization. No Product Information is contained at Clearing House for this Authorization. TAS should determine if Order Download is required from Clearing House (configurable option on Consignee) or if user picked a local terminal order.</documentation>  </annotation>  </enumeration>  <enumeration value="RealTimeRemoteOrderDownload">  <annotation>  <documentation>TAS has configured Consignee to execute loading through Remote Orders</documentation>  </annotation>  </enumeration>  <enumeration value="LocalTerminalOrder">  <annotation>  <documentation>Loading Agent Picked an Order at the terminal, Product Amounts and Product ID should be sent in with authorization. Authorization will be run against the product and amounts to determine if the Consignee has available credit and product allocations necessary to Auth the load.</documentation>  </annotation>  </enumeration>  </restriction>  </simpleType> </element> |

element **LoadPartIdentification**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:TpuIdentifierCard**](#Link071709C8)[**pidx:TpuType**](#Link07170B58)[**pidx:TpuLicense**](#Link07170A90)[**pidx:MotItem**](#Link07232528)[**pidx:LoadingPartSecondaryIdentifier**](#Link07171E18) |
| used by | |  |  | | --- | --- | | elements | [**ConfiguredVehicleParts**](#Link07174528)[**LoadingPart**](#Link0722FC98)[**LoadingPlanPart**](#Link07403630) | |
| annotation | |  | | --- | | documentation | | Complex Type Containing Trailer or Container Information | |
| source | <element name="LoadPartIdentification">  <annotation>  <documentation>Complex Type Containing Trailer or Container Information</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:TpuIdentifierCard" minOccurs="0">  <annotation>  <documentation>Transportation Unit Card ID </documentation>  </annotation>  </element>  <element ref="pidx:TpuType" minOccurs="0"/>  <element ref="pidx:TpuLicense"/>  <element ref="pidx:MotItem" minOccurs="0"/>  <element ref="pidx:LoadingPartSecondaryIdentifier" minOccurs="0" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **LoadPartSpecification**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:EquipmentSpecification**](#Link0722E5F0)[**pidx:NumberOfCompartments**](#Link0722E528)[**pidx:Metered**](#Link0725BB08) |
| used by | |  |  | | --- | --- | | element | [**LoadingPlanPart**](#Link07403630) | |
| source | <element name="LoadPartSpecification">  <complexType>  <sequence>  <element ref="pidx:EquipmentSpecification" minOccurs="0"/>  <element ref="pidx:NumberOfCompartments" minOccurs="0"/>  <element ref="pidx:Metered" minOccurs="0"/>  </sequence>  </complexType> </element> |

element **LoadPlan**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:LoadPlanInfo**](#Link07185FE0) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Company**](#Link0726EA58)[**pidx:ConfiguredVehicle**](#Link07149F90)[**pidx:Engine**](#Link07231018)[**pidx:Agent**](#Link072759F0)[**pidx:LoadingPlanParts**](#Link07403950) |
| used by | |  |  | | --- | --- | | complexType | [**LoadDocumentType**](#Link07261DD8) | |
| source | <element name="LoadPlan" type="pidx:LoadPlanInfo"/> |

element **Location**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:PIDXTerminalIdentifier**](#Link07169380)[**pidx:PIDXTerminalOwner**](#Link07169768)[**pidx:PartnerName**](#Link07233B08)[**pidx:Agency**](#Link07275928)[**pidx:ContactName**](#Link0714A698)[**pidx:ContactNumber**](#Link0714A760)[**pidx:ContactEmail**](#Link0714A5D0)[**pidx:AddressLine**](#Link07275860)[**pidx:CityName**](#Link0726E990)[**pidx:County**](#Link0714AC10)[**pidx:StateOrProvince**](#Link0716F708)[**pidx:PostalCode**](#Link072429D8)[**pidx:PostalCountry**](#Link07242AA0)[**pidx:URL**](#Link07171008)[**pidx:PartnerLocation**](#Link07233A40)[**pidx:LocationSecondaryIdentifier**](#Link07171A30) |
| used by | |  |  | | --- | --- | | element | [**DocumentLineItem**](#Link074050C0) | | complexTypes | [**AuthRequestData**](#Link07166AF0)[**PostingData**](#Link07176FE0) | |
| annotation | |  | | --- | | documentation | | Terminal Location identification and contact Information | |
| source | <element name="Location">  <annotation>  <documentation>Terminal Location identification and contact Information</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:PIDXTerminalIdentifier"/>  <element ref="pidx:PIDXTerminalOwner" minOccurs="0"/>  <element ref="pidx:PartnerName" minOccurs="0"/>  <element ref="pidx:Agency" minOccurs="0"/>  <element ref="pidx:ContactName" minOccurs="0"/>  <element ref="pidx:ContactNumber" minOccurs="0"/>  <element ref="pidx:ContactEmail" minOccurs="0"/>  <element ref="pidx:AddressLine" minOccurs="0"/>  <element ref="pidx:CityName" minOccurs="0"/>  <element ref="pidx:County" minOccurs="0"/>  <element ref="pidx:StateOrProvince" minOccurs="0"/>  <element ref="pidx:PostalCode" minOccurs="0"/>  <element ref="pidx:PostalCountry" minOccurs="0"/>  <element ref="pidx:URL" minOccurs="0"/>  <element ref="pidx:PartnerLocation" minOccurs="0"/>  <element ref="pidx:LocationSecondaryIdentifier" minOccurs="0" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **LocationIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**LocationSecondaryIdentifier**](#Link07171A30) | |
| annotation | |  | | --- | | documentation | | Location ID | |
| source | <element name="LocationIdentifier" type="string">  <annotation>  <documentation>Location ID </documentation>  </annotation> </element> |

element **LocationIdentifierType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:LocationSecondaryTypes**](#Link0724E918) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**LocationSecondaryIdentifier**](#Link07171A30) | |
| facets | |  |  | | --- | --- | | enumeration | SPLC | | enumeration | PartnerPlantID | | enumeration | OtherPlantID | |
| annotation | |  | | --- | | documentation | | Location ID Types (see Enums) | |
| source | <element name="LocationIdentifierType" type="pidx:LocationSecondaryTypes">  <annotation>  <documentation>Location ID Types (see Enums)</documentation>  </annotation> </element> |

element **LocationSecondaryIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:LocationIdentifierType**](#Link07171C88)[**pidx:LocationIdentifier**](#Link07171D50) |
| used by | |  |  | | --- | --- | | element | [**Location**](#Link0725A208) | |
| annotation | |  | | --- | | documentation | | Secondary IDs for Pickup Location (For Example - TCN, SPLC, PlantId, OtherPlantID - Look at From Field to determine Other Party) | |
| source | <element name="LocationSecondaryIdentifier">  <annotation>  <documentation>Secondary IDs for Pickup Location (For Example - TCN, SPLC, PlantId, OtherPlantID - Look at From Field to determine Other Party)</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:LocationIdentifierType"/>  <element ref="pidx:LocationIdentifier"/>  </sequence>  </complexType> </element> |

element **Longitude**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **decimal** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**GeoLocation**](#Link0725C538) | |
| annotation | |  | | --- | | documentation | | Geological Longitude | |
| source | <element name="Longitude" type="decimal">  <annotation>  <documentation>Geological Longitude</documentation>  </annotation> </element> |

element **MaxAmounts**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:MaxFillLevels**](#Link0725C360) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:MaxVolume**](#Link0722E140)[**pidx:VolumeUnit**](#Link0722E208)[**pidx:MaxWeight**](#Link0722E2D0)[**pidx:WeightUnit**](#Link0722E398) |
| used by | |  |  | | --- | --- | | complexType | [**VechicleSpecificationData**](#Link0725BFB0) | |
| annotation | |  | | --- | | documentation | | MaxFill Levels for Compartment and used with Vehicle Specication Data | |
| source | <element name="MaxAmounts" type="pidx:MaxFillLevels">  <annotation>  <documentation>MaxFill Levels for Compartment and used with Vehicle Specication Data</documentation>  </annotation> </element> |

element **MaxVolume**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **double** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**MaxFillLevels**](#Link0725C360) | |
| annotation | |  | | --- | | documentation | | Max Volume for a compartment or Configured Vehicle. | |
| source | <element name="MaxVolume" type="double">  <annotation>  <documentation>Max Volume for a compartment or Configured Vehicle.</documentation>  </annotation> </element> |

element **MaxWeight**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **double** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**MaxFillLevels**](#Link0725C360) | |
| annotation | |  | | --- | | documentation | | Max Weight for a Compartment or Configured vehicle | |
| source | <element name="MaxWeight" type="double">  <annotation>  <documentation>Max Weight for a Compartment or Configured vehicle</documentation>  </annotation> </element> |

element **Measurement**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:MeasurementComplexType**](#Link07277FB8) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:MeasurementType**](#Link0725B658)[**pidx:MeasurementReference**](#Link0725B7E8)[**pidx:MeasurementQualifier**](#Link0725B720)[**pidx:UnitQualifier**](#Link0725B8B0)[**pidx:Quantity**](#Link0725B978)[**pidx:Unit**](#Link0725BA40) |
| used by | |  |  | | --- | --- | | elements | [**ContainerSize**](#Link0714A828)[**Measurements**](#Link0725B400)[**ProductList**](#Link07243C98) | |
| annotation | |  | | --- | | documentation | | Complex Type containing a Measurement | |
| source | <element name="Measurement" type="pidx:MeasurementComplexType">  <annotation>  <documentation>Complex Type containing a Measurement</documentation>  </annotation> </element> |

element **MeasurementInformation**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Measurements**](#Link0725B400)[**pidx:Recipes**](#Link0716A0C8)[**pidx:Source**](#Link0716F578)[**pidx:SourceDocument**](#Link0716F640)[**pidx:DocumentDate**](#Link0714CA88) |
| used by | |  |  | | --- | --- | | element | [**Compartment**](#Link0726EBE8) | |
| annotation | |  | | --- | | documentation | | Complex Type containing Measurement Information for Finished Product and Recipe | |
| source | <element name="MeasurementInformation">  <annotation>  <documentation>Complex Type containing Measurement Information for Finished Product and Recipe</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:Measurements"/>  <element ref="pidx:Recipes" minOccurs="0"/>  <element ref="pidx:Source" minOccurs="0">  <annotation>  <documentation>Meter Calibration Company</documentation>  </annotation>  </element>  <element ref="pidx:SourceDocument" minOccurs="0"/>  <element ref="pidx:DocumentDate" minOccurs="0"/>  </sequence>  </complexType> </element> |

element **MeasurementQualifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | union of ([**pidx:MeasurementQualifierEnum**](#Link0724E668), [**pidx:MeasurementQualifierEnumDeprecated**](#Link0724E510)) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexTypes | [**DensityType**](#Link07277DE0)[**GravityType**](#Link07277C08)[**MeasurementComplexType**](#Link07277FB8)[**PressureType**](#Link0730B988)[**TemperatureType**](#Link07277A30) | |
| annotation | |  | | --- | | documentation | | Indicates Type of Measurement at fixed or transactional temperatures | |
| source | <element name="MeasurementQualifier">  <annotation>  <documentation>Indicates Type of Measurement at fixed or transactional temperatures</documentation>  </annotation>  <simpleType>  <union memberTypes="pidx:MeasurementQualifierEnum pidx:MeasurementQualifierEnumDeprecated"/>  </simpleType> </element> |

element **MeasurementReference**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexTypes | [**DensityType**](#Link07277DE0)[**GravityType**](#Link07277C08)[**MeasurementComplexType**](#Link07277FB8) | |
| annotation | |  | | --- | | documentation | | Used for Measurement references like a Table Lookup Name | |
| source | <element name="MeasurementReference" type="string">  <annotation>  <documentation>Used for Measurement references like a Table Lookup Name</documentation>  </annotation> </element> |

element **Measurements**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Measurement**](#Link0725B590) |
| used by | |  |  | | --- | --- | | elements | [**MeasurementInformation**](#Link0725AF50)[**Recipe**](#Link071698F8) | | complexType | [**OnBoardDefinition**](#Link07186EA0) | |
| annotation | |  | | --- | | documentation | | Complex Type Containing Multiple Measurements | |
| source | <element name="Measurements">  <annotation>  <documentation>Complex Type Containing Multiple Measurements</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:Measurement" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **MeasurementType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | union of ([**pidx:MeasurementTypeEnum**](#Link072ED360)) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**MeasurementComplexType**](#Link07277FB8) | |
| source | <element name="MeasurementType">  <simpleType>  <union memberTypes="pidx:MeasurementTypeEnum"/>  </simpleType> </element> |

element **Message**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | elements | [**LineItemResponse**](#Link0726D220)[**LineItemErrors/pidxLineItemError**](#Link0726CF00) | | complexTypes | [**PMResponseFailedData**](#Link07269850)[**PMResponseSucessData**](#Link07269678) | |
| annotation | |  | | --- | | documentation | | Message From Terminal | |
| source | <element name="Message" type="string">  <annotation>  <documentation>Message From Terminal</documentation>  </annotation> </element> |

element **Metered**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:YesNo**](#Link070ADCE8) |
| properties | |  |  | | --- | --- | | content | simple | | default | No | |
| used by | |  |  | | --- | --- | | element | [**LoadPartSpecification**](#Link072318B0) | |
| facets | |  |  | | --- | --- | | enumeration | Yes | | enumeration | No | |
| annotation | |  | | --- | | documentation | | Boolean Value specifing if the Truck is Metered, default value is No. | |
| source | <element name="Metered" type="pidx:YesNo" default="No">  <annotation>  <documentation>Boolean Value specifing if the Truck is Metered, default value is No.</documentation>  </annotation> </element> |

element **MeterIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | elements | [**Product**](#Link072438B0)[**Recipe**](#Link071698F8) | |
| annotation | |  | | --- | | documentation | | MeterID on Measuring Device | |
| source | <element name="MeterIdentifier" type="string">  <annotation>  <documentation>MeterID on Measuring Device</documentation>  </annotation> </element> |

element **MixPercentage**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:MixPercentageType**](#Link07277858) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:MeasurementType**](#Link07274668)[**pidx:Quantity**](#Link0725B978)[**pidx:Unit**](#Link072747F8) |
| source | <element name="MixPercentage" type="pidx:MixPercentageType"/> |

element **ModeOfTransport**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:MotType**](#Link072325F0)[**pidx:MotSubType**](#Link072326B8)[**pidx:SealString**](#Link0716EE70)[**pidx:ScheduleType**](#Link074093F0)[**pidx:ConfiguredVehicle**](#Link07149F90)[**pidx:Engine**](#Link07231018) |
| used by | |  |  | | --- | --- | | elements | [**MOTinfo**](#Link072322D0)[**Transport**](#Link07170C20) | |
| annotation | |  | | --- | | documentation | | Complex Type Definition Mode of Transportation | |
| source | <element name="ModeOfTransport">  <annotation>  <documentation>Complex Type Definition Mode of Transportation</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:MotType"/>  <element ref="pidx:MotSubType" minOccurs="0"/>  <element ref="pidx:SealString" minOccurs="0"/>  <element ref="pidx:ScheduleType" minOccurs="0"/>  <element ref="pidx:ConfiguredVehicle" minOccurs="0"/>  <element ref="pidx:Engine" minOccurs="0"/>  </sequence>  </complexType> </element> |

element **MOTinfo**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:ModeOfTransport**](#Link0725BC98)[**pidx:ContainerSize**](#Link0714A828) |
| used by | |  |  | | --- | --- | | element | [**AuthTransport**](#Link0726DF68) | |
| annotation | |  | | --- | | documentation | | Complex Type Mode of Transportation for Authorization and Response | |
| source | <element name="MOTinfo">  <annotation>  <documentation>Complex Type Mode of Transportation for Authorization and Response</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:ModeOfTransport"/>  <element ref="pidx:ContainerSize" minOccurs="0"/>  </sequence>  </complexType> </element> |

element **MotItem**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **integer** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | elements | [**LoadPartIdentification**](#Link0722F7E8)[**ProductList**](#Link07243C98) | |
| annotation | |  | | --- | | documentation | | Item Number of MOT | |
| source | <element name="MotItem" type="integer">  <annotation>  <documentation>Item Number of MOT</documentation>  </annotation> </element> |

element **MotSubType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**ModeOfTransport**](#Link0725BC98) | | complexType | [**PMMOT**](#Link0718A740) | |
| annotation | |  | | --- | | documentation | | Mode of Transportation Subtype | |
| source | <element name="MotSubType" type="string">  <annotation>  <documentation>Mode of Transportation Subtype</documentation>  </annotation> </element> |

element **MotType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:MOTTypeEnum**](#Link070AEBB0) |
| properties | |  |  | | --- | --- | | content | simple | | default | Truck | |
| used by | |  |  | | --- | --- | | element | [**ModeOfTransport**](#Link0725BC98) | | complexType | [**PMMOT**](#Link0718A740) | |
| facets | |  |  | | --- | --- | | enumeration | Truck | | enumeration | Rail | | enumeration | Barge | | enumeration | Pipeline | | enumeration | StorageTank | | enumeration | Vessel | | enumeration | BookTransfer | | enumeration | Container | |
| annotation | |  | | --- | | documentation | | Type of Mode of Transportation - See Enums | |
| source | <element name="MotType" type="pidx:MOTTypeEnum" default="Truck">  <annotation>  <documentation>Type of Mode of Transportation - See Enums</documentation>  </annotation> </element> |

element **MovementType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:MovementTypes**](#Link0724F128) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | elements | [**DocumentHeader**](#Link0714B250)[**PlannedLifting**](#Link07242398)[**ResponseInfo**](#Link0716AC80) | | complexTypes | [**PIDXPlannedMovementReq**](#Link07177568)[**PMResponseBody**](#Link072692C8) | |
| facets | |  |  | | --- | --- | | enumeration | LoadID | | enumeration | Nomination | | enumeration | Contract | | enumeration | Order | | enumeration | Shipment | |
| source | <element name="MovementType" type="pidx:MovementTypes"/> |

element **NextDocumentSequence**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **integer** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Header**](#Link0722EE88) | |
| annotation | |  | | --- | | documentation | | From Partner should place next document sequence in this Element. Allows for Wrapping of Sequence IDs without generating errors. | |
| source | <element name="NextDocumentSequence" type="integer">  <annotation>  <documentation>From Partner should place next document sequence in this Element. Allows for Wrapping of Sequence IDs without generating errors.</documentation>  </annotation> </element> |

element **NoQuantity**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:NoQuantityType**](#Link07165FE0) |
| properties | |  |  | | --- | --- | | content | complex | |
| used by | |  |  | | --- | --- | | complexType | [**PMQuantity**](#Link07185E08) | |
| annotation | |  | | --- | | documentation | | Use NoQuantity when specifying LoadID data, otherwise a real quantity should be specified. | |
| source | <element name="NoQuantity" type="pidx:NoQuantityType">  <annotation>  <documentation>Use NoQuantity when specifying LoadID data, otherwise a real quantity should be specified.</documentation>  </annotation> </element> |

element **NumberOfCompartments**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **integer** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**LoadPartSpecification**](#Link072318B0) | |
| annotation | |  | | --- | | documentation | | Number of Compartments for Loading Part | |
| source | <element name="NumberOfCompartments" type="integer">  <annotation>  <documentation>Number of Compartments for Loading Part</documentation>  </annotation> </element> |

element **NumberOfRailCars**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **integer** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**RailDefinition**](#Link0717C600) | |
| source | <element name="NumberOfRailCars" type="integer"/> |

element **OrderInfo**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | extension of [**pidx:DocumentBaseClass**](#Link07261FB0) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Posting**](#Link07242B68)[**pidx:Document**](#Link0714C448) |
| used by | |  |  | | --- | --- | | complexType | [**AuthResponseData**](#Link072687B8) | |
| annotation | |  | | --- | | documentation | | Complex Type for Order information on Auth Response- Will be filled in only on RemoteOrderDownload Requests | |
| source | <element name="OrderInfo">  <annotation>  <documentation>Complex Type for Order information on Auth Response- Will be filled in only on RemoteOrderDownload Requests</documentation>  </annotation>  <complexType>  <complexContent>  <extension base="pidx:DocumentBaseClass">  <choice>  <element ref="pidx:Posting"/>  <element ref="pidx:Document"/>  </choice>  </extension>  </complexContent>  </complexType> </element> |

element **OrderNumber**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**PlannedLifting**](#Link07242398) | |
| annotation | |  | | --- | | documentation | | Order Number on Authorization Request | |
| source | <element name="OrderNumber" type="string">  <annotation>  <documentation>Order Number on Authorization Request</documentation>  </annotation> </element> |

element **OriginalDocumentIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexTypes | [**PMResponseBody**](#Link072692C8)[**RevisionData**](#Link0718A918) | |
| annotation | |  | | --- | | documentation | | System Reference Identifier would be like the IDoc Number, or Submitting system reference number to the document generated (primary used for tracking mods to a Shipment/Order/Contract) | |
| source | <element name="OriginalDocumentIdentifier" type="string">  <annotation>  <documentation>System Reference Identifier would be like the IDoc Number, or Submitting system reference number to the document generated (primary used for tracking mods to a Shipment/Order/Contract)</documentation>  </annotation> </element> |

element **PartnerExciseNumber**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**PartnerInformation**](#Link0725D980) | |
| annotation | |  | | --- | | documentation | | Excise Number | |
| source | <element name="PartnerExciseNumber" type="string">  <annotation>  <documentation>Excise Number</documentation>  </annotation> </element> |

element **PartnerIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**PartnerInformation**](#Link0725D980) | |
| annotation | |  | | --- | | documentation | | Partner Identifier | |
| source | <element name="PartnerIdentifier" type="string">  <annotation>  <documentation>Partner Identifier </documentation>  </annotation> </element> |

element **PartnerLocation**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:GeoLocation**](#Link0725C538) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Latitude**](#Link0722EB68)[**pidx:Longitude**](#Link0722EC30)[**pidx:GeoFence**](#Link0722EDC0)[**pidx:GeoFenceUnit**](#Link0722ECF8) |
| used by | |  |  | | --- | --- | | element | [**Location**](#Link0725A208) | | complexType | [**PartnerInformation**](#Link0725D980) | |
| annotation | |  | | --- | | documentation | | Latitude and Longitude Information | |
| source | <element name="PartnerLocation" type="pidx:GeoLocation">  <annotation>  <documentation>Latitude and Longitude Information</documentation>  </annotation> </element> |

element **PartnerName**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Location**](#Link0725A208) | | complexType | [**PartnerInformation**](#Link0725D980) | |
| annotation | |  | | --- | | documentation | | Partner Name | |
| source | <element name="PartnerName" type="string">  <annotation>  <documentation>Partner Name</documentation>  </annotation> </element> |

element **PartnerRoleIndicator**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | union of ([**pidx:CustomsRoleEnum**](#Link070AE650), [**pidx:PartnerRoleCodes**](#Link070AEA58), [**pidx:RailPartnerRoles**](#Link070AE7A8)) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**PartnerRoleInformation**](#Link0725DB58) | |
| annotation | |  | | --- | | documentation | | Indicates Partner Role In transaction for Party - See Enums | |
| source | <element name="PartnerRoleIndicator">  <annotation>  <documentation>Indicates Partner Role In transaction for Party - See Enums</documentation>  </annotation>  <simpleType>  <union memberTypes="pidx:CustomsRoleEnum pidx:PartnerRoleCodes pidx:RailPartnerRoles"/>  </simpleType> </element> |

element **Partners**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Party**](#Link07242208) |
| used by | |  |  | | --- | --- | | element | [**DocumentHeader**](#Link0714B250) | | complexType | [**PostingData**](#Link07176FE0) | |
| annotation | |  | | --- | | documentation | | Header Partners | |
| source | <element name="Partners">  <annotation>  <documentation>Header Partners</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:Party" minOccurs="0" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **PartnerVATNumber**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**PartnerInformation**](#Link0725D980) | |
| annotation | |  | | --- | | documentation | | VAT Number | |
| source | <element name="PartnerVATNumber" type="string">  <annotation>  <documentation>VAT Number</documentation>  </annotation> </element> |

element **Party**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | extension of [**pidx:PartnerRoleInformation**](#Link0725DB58) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:PartnerName**](#Link07233B08)[**pidx:PartnerIdentifier**](#Link07232AA0)[**pidx:Agency**](#Link07275928)[**pidx:ContactName**](#Link0714A698)[**pidx:ContactNumber**](#Link0714A760)[**pidx:ContactEmail**](#Link0714A5D0)[**pidx:AddressLine**](#Link07275860)[**pidx:CityName**](#Link0726E990)[**pidx:County**](#Link0714AC10)[**pidx:StateOrProvince**](#Link0716F708)[**pidx:PostalCode**](#Link072429D8)[**pidx:PostalCountry**](#Link07242AA0)[**pidx:URL**](#Link07171008)[**pidx:SalesOrganization**](#Link07233D60)[**pidx:SalesDivision**](#Link07241FB0)[**pidx:DistributionChannel**](#Link07233E28)[**pidx:PartnerExciseNumber**](#Link07242140)[**pidx:PartnerVATNumber**](#Link07242078)[**pidx:PartnerLocation**](#Link07233A40)[**pidx:PartnerRoleIndicator**](#Link07233BD0)[**pidx:PartySecondaryIdentifier**](#Link07172200) |
| used by | |  |  | | --- | --- | | elements | [**DetailPartners**](#Link0714B0C0)[**Partners**](#Link0714ADA0) | |
| annotation | |  | | --- | | documentation | | Complex Type of PartnerRoleInformation | |
| source | <element name="Party">  <annotation>  <documentation>Complex Type of PartnerRoleInformation</documentation>  </annotation>  <complexType>  <complexContent>  <extension base="pidx:PartnerRoleInformation">  <sequence>  <element ref="pidx:PartySecondaryIdentifier" minOccurs="0" maxOccurs="unbounded"/>  </sequence>  </extension>  </complexContent>  </complexType> </element> |

element **PartyIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**PartySecondaryIdentifier**](#Link07172200) | |
| annotation | |  | | --- | | documentation | | Party IDentifier | |
| source | <element name="PartyIdentifier" type="string">  <annotation>  <documentation>Party IDentifier</documentation>  </annotation> </element> |

element **PartyIdentifierType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**PartySecondaryIdentifier**](#Link07172200) | |
| annotation | |  | | --- | | documentation | | Party ID Type - Up to trading partners to implement the types since the party information should be ERP Ids related information already. | |
| source | <element name="PartyIdentifierType" type="string">  <annotation>  <documentation>Party ID Type - Up to trading partners to implement the types since the party information should be ERP Ids related information already.</documentation>  </annotation> </element> |

element **PartyOwner**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| annotation | |  | | --- | | documentation | | PIDX Co Code or Seller/Supplier who owns the Partner Identifier | |
| source | <element name="PartyOwner" type="string">  <annotation>  <documentation>PIDX Co Code or Seller/Supplier who owns the Partner Identifier</documentation>  </annotation> </element> |

element **PartySecondaryIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:PartyIdentifierType**](#Link07172458)[**pidx:PartyIdentifier**](#Link071725E8) |
| used by | |  |  | | --- | --- | | element | [**Party**](#Link07242208) | |
| annotation | |  | | --- | | documentation | | Party Secondary ID (contains whatever you want to put in here). | |
| source | <element name="PartySecondaryIdentifier">  <annotation>  <documentation>Party Secondary ID (contains whatever you want to put in here).</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:PartyIdentifierType"/>  <element ref="pidx:PartyIdentifier"/>  </sequence>  </complexType> </element> |

element **PeriodQuantity**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:PMQuantity**](#Link07185E08) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Volume**](#Link07275158)[**pidx:ProductWeight**](#Link07274E38)[**pidx:NoQuantity**](#Link07275220) |
| used by | |  |  | | --- | --- | | complexType | [**QuantityScheduleType**](#Link07186AF0) | |
| annotation | |  | | --- | | documentation | | Quanity for Period Specified | |
| source | <element name="PeriodQuantity" type="pidx:PMQuantity">  <annotation>  <documentation>Quanity for Period Specified</documentation>  </annotation> </element> |

element **PIDXProductID**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| annotation | |  | | --- | | documentation | | PIDX Product Code | |
| source | <element name="PIDXProductID" type="string">  <annotation>  <documentation>PIDX Product Code</documentation>  </annotation> </element> |

element **PIDXTerminalIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Location**](#Link0725A208) | | complexType | [**PIDXPlannedMovementReq**](#Link07177568) | |
| annotation | |  | | --- | | documentation | | Terminal Code assigned by PIDX | |
| source | <element name="PIDXTerminalIdentifier" type="string">  <annotation>  <documentation>Terminal Code assigned by PIDX</documentation>  </annotation> </element> |

element **PIDXTerminalOwner**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Location**](#Link0725A208) | |
| annotation | |  | | --- | | documentation | | PIDX Seller Number identifying terminal owner | |
| source | <element name="PIDXTerminalOwner" type="string">  <annotation>  <documentation>PIDX Seller Number identifying terminal owner</documentation>  </annotation> </element> |

element **PlannedLifting**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:LoadingType**](#Link0725A140)[**pidx:OrderNumber**](#Link072329D8)[**pidx:ProductList**](#Link07243C98)[**pidx:MovementType**](#Link0722E078)[**pidx:DocumentOriginator**](#Link0714C1F0)[**pidx:DocumentIdentifier**](#Link0714CB50)[**pidx:DriverDocumentIdentifier**](#Link0714BF98) |
| used by | |  |  | | --- | --- | | complexType | [**AuthRequestData**](#Link07166AF0) | |
| annotation | |  | | --- | | documentation | | Complex Type for Planned Lifting Elements | |
| source | <element name="PlannedLifting">  <annotation>  <documentation>Complex Type for Planned Lifting Elements</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:LoadingType"/>  <element ref="pidx:OrderNumber" minOccurs="0"/>  <element ref="pidx:ProductList" minOccurs="0" maxOccurs="unbounded"/>  <element ref="pidx:MovementType" minOccurs="0">  <annotation>  <documentation>For Authoirzaitons loaded against PM docs fill this data in instead of Order</documentation>  </annotation>  </element>  <element ref="pidx:DocumentOriginator" minOccurs="0"/>  <element ref="pidx:DocumentIdentifier" minOccurs="0"/>  <element ref="pidx:DriverDocumentIdentifier" minOccurs="0"/>  </sequence>  </complexType> </element> |

element **PlannedModeOfTransport**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:PMMOT**](#Link0718A740) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:ScheduleType**](#Link074093F0)[**pidx:MotType**](#Link072325F0)[**pidx:MotSubType**](#Link072326B8)[**pidx:TransportData**](#Link07173D58) |
| used by | |  |  | | --- | --- | | elements | [**DocumentHeader**](#Link0714B250)[**DocumentLineItem**](#Link074050C0) | |
| source | <element name="PlannedModeOfTransport" type="pidx:PMMOT"/> |

element **PlannedMovementRequest**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:PIDXPlannedMovementReq**](#Link07177568) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:FromSeller**](#Link0726D9F0)[**pidx:PIDXTerminalIdentifier**](#Link07169380)[**pidx:MovementType**](#Link0722E078) |
| attributes | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Name | Type | Use | Default | Fixed | annotation | | [MajorVersion](#Link0709C268) |  | required |  | 05 | |  | | --- | | documentation | | Major Version - Incremented when New Required Elements are added | | | [MinorVersion](#Link0709C158) |  | optional |  | 02 | |  | | --- | | documentation | | Minor Version - Incremented when New non-required elements are added | | | [FixVersion](#Link0709C2F0) |  | optional |  | 01 | |  | | --- | | documentation | | Fix Version - Incremented when Enumeration Values are added | | |
| annotation | |  | | --- | | documentation | | Element of Type PIDXPlannedMovementReq | |
| source | <element name="PlannedMovementRequest" type="pidx:PIDXPlannedMovementReq">  <annotation>  <documentation>Element of Type PIDXPlannedMovementReq</documentation>  </annotation> </element> |

element **PlannedProduct**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:ProductIdentifiers**](#Link07172DB8) |
| used by | |  |  | | --- | --- | | elements | [**DocumentLineItem**](#Link074050C0)[**LoadCompartment**](#Link07403C70) | |
| source | <element name="PlannedProduct">  <complexType>  <sequence>  <element ref="pidx:ProductIdentifiers" maxOccurs="4"/>  </sequence>  </complexType> </element> |

element **PlannedQuantity**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:PMQuantity**](#Link07185E08) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Volume**](#Link07275158)[**pidx:ProductWeight**](#Link07274E38)[**pidx:NoQuantity**](#Link07275220) |
| used by | |  |  | | --- | --- | | element | [**DocumentLineItem**](#Link074050C0) | |
| annotation | |  | | --- | | documentation | | Planned Quanitty for the Document Line Item | |
| source | <element name="PlannedQuantity" type="pidx:PMQuantity">  <annotation>  <documentation>Planned Quanitty for the Document Line Item</documentation>  </annotation> </element> |

element **PMReceivedDateTime**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **dateTime** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**PMResponseBody**](#Link072692C8) | |
| annotation | |  | | --- | | documentation | | Time File was Received | |
| source | <element name="PMReceivedDateTime" type="dateTime">  <annotation>  <documentation>Time File was Received</documentation>  </annotation> </element> |

element **PostalCode**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Location**](#Link0725A208) | | complexType | [**PartnerInformation**](#Link0725D980) | |
| annotation | |  | | --- | | documentation | | Partner Information Postal Code | |
| source | <element name="PostalCode" type="string">  <annotation>  <documentation>Partner Information Postal Code</documentation>  </annotation> </element> |

element **PostalCountry**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Location**](#Link0725A208) | | complexType | [**PartnerInformation**](#Link0725D980) | |
| annotation | |  | | --- | | documentation | | Partner Information Country | |
| source | <element name="PostalCountry" type="string">  <annotation>  <documentation>Partner Information Country</documentation>  </annotation> </element> |

element **Posting**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:PostingData**](#Link07176FE0) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:ActionCode**](#Link072753B0)[**pidx:PostingType**](#Link072437E8)[**pidx:ShipperData**](#Link07276B20)[**pidx:Authorization**](#Link0726B218)[**pidx:SplitLoading**](#Link0716F4B0)[**pidx:PostingReference**](#Link07243590)[**pidx:DocumentReference**](#Link07230208)[**pidx:References**](#Link0716A258)[**pidx:Partners**](#Link0714ADA0)[**pidx:Activity**](#Link07275478)[**pidx:Location**](#Link0725A208)[**pidx:Transport**](#Link07170C20) |
| used by | |  |  | | --- | --- | | elements | [**Body**](#Link0726E800)[**OrderInfo**](#Link07232780) | |
| annotation | |  | | --- | | documentation | | Complex Type of PostingData | |
| source | <element name="Posting" type="pidx:PostingData">  <annotation>  <documentation>Complex Type of PostingData</documentation>  </annotation> </element> |

element **PostingReference**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:DocumentData**](#Link07262188) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:DocumentIdentifier**](#Link0714CB50)[**pidx:DocumentType**](#Link07230B68)[**pidx:DocumentName**](#Link07230AA0)[**pidx:IssuedDate**](#Link0722F4C8)[**pidx:RevisionNumber**](#Link0716E9C0)[**pidx:PostingSegment**](#Link07243720)[**pidx:BOLType**](#Link0714CCE0)[**pidx:VersionConversion**](#Link0714CC18) |
| used by | |  |  | | --- | --- | | complexType | [**PostingData**](#Link07176FE0) | |
| annotation | |  | | --- | | documentation | | ID of Posting | |
| source | <element name="PostingReference" type="pidx:DocumentData">  <annotation>  <documentation>ID of Posting</documentation>  </annotation> </element> |

element **PostingReferenceDetail**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **short** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Compartment**](#Link0726EBE8) | |
| annotation | |  | | --- | | documentation | | Line Item of Posting | |
| source | <element name="PostingReferenceDetail" type="short">  <annotation>  <documentation>Line Item of Posting</documentation>  </annotation> </element> |

element **PostingSegment**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**DocumentData**](#Link07262188) | |
| annotation | |  | | --- | | documentation | | Not Sure?? | |
| source | <element name="PostingSegment" type="string">  <annotation>  <documentation>Not Sure??</documentation>  </annotation> </element> |

element **PostingType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:PostingTypeEnum**](#Link070AE248) |
| properties | |  |  | | --- | --- | | content | simple | | default | 00 | |
| used by | |  |  | | --- | --- | | complexType | [**PostingData**](#Link07176FE0) | |
| facets | |  |  | | --- | --- | | enumeration | 00 | | enumeration | 01 | | enumeration | 02 | | enumeration | 03 | |
| annotation | |  | | --- | | documentation | | Posting Type For Example New, Cancel, Correction | |
| source | <element name="PostingType" type="pidx:PostingTypeEnum" default="00">  <annotation>  <documentation>Posting Type For Example New, Cancel, Correction</documentation>  </annotation> </element> |

element **Pressure**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:PressureType**](#Link0730B988) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:MeasurementQualifier**](#Link0725B720)[**pidx:Quantity**](#Link0725B978)[**pidx:Unit**](#Link07274B18) |
| source | <element name="Pressure" type="pidx:PressureType"/> |

element **PriorToLoad**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:OnBoardDefinition**](#Link07186EA0) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:ProductIdentifiers**](#Link07172DB8)[**pidx:Measurements**](#Link0725B400) |
| used by | |  |  | | --- | --- | | element | [**Compartment**](#Link0726EBE8) | |
| annotation | |  | | --- | | documentation | | Complex Type for Left On Board Amounts | |
| source | <element name="PriorToLoad" type="pidx:OnBoardDefinition">  <annotation>  <documentation>Complex Type for Left On Board Amounts</documentation>  </annotation> </element> |

element **ProcessingCompleteDateTime**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **dateTime** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**PMResponseBody**](#Link072692C8) | |
| annotation | |  | | --- | | documentation | | DateTime processing completed | |
| source | <element name="ProcessingCompleteDateTime" type="dateTime">  <annotation>  <documentation>DateTime processing completed</documentation>  </annotation> </element> |

element **Product**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:BlendAlteration**](#Link07169830)[**pidx:StorageLocation**](#Link0716F898)[**pidx:MeterIdentifier**](#Link0725BBD0)[**pidx:ProductIdentifers**](#Link07172E80) |
| used by | |  |  | | --- | --- | | elements | [**Compartment**](#Link0726EBE8)[**ProductList**](#Link07243C98) | |
| annotation | |  | | --- | | documentation | | Complex Type for Product | |
| source | <element name="Product">  <annotation>  <documentation>Complex Type for Product</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:BlendAlteration" minOccurs="0"/>  <element ref="pidx:StorageLocation" minOccurs="0"/>  <element ref="pidx:MeterIdentifier" minOccurs="0"/>  <element ref="pidx:ProductIdentifers" maxOccurs="unbounded">  <annotation>  <documentation>Specify Product IDs in this structure</documentation>  </annotation>  </element>  </sequence>  </complexType> </element> |

element **ProductIdentifer**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**ProductData**](#Link0717B390) | |
| annotation | |  | | --- | | documentation | | Product ID Number related to type | |
| source | <element name="ProductIdentifer" type="string">  <annotation>  <documentation>Product ID Number related to type</documentation>  </annotation> </element> |

element **ProductIdentifers**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:ProductData**](#Link0717B390) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:ProductIdentifierType**](#Link07172C28)[**pidx:ProductText**](#Link07172CF0)[**pidx:ProductIdentifer**](#Link07173010) |
| used by | |  |  | | --- | --- | | element | [**Product**](#Link072438B0) | |
| annotation | |  | | --- | | documentation | | Product Secondary Ids (for example - terminal product Code, material Code, price material codes, Descriptions, tiered product code) | |
| source | <element name="ProductIdentifers" type="pidx:ProductData">  <annotation>  <documentation>Product Secondary Ids (for example - terminal product Code, material Code, price material codes, Descriptions, tiered product code)</documentation>  </annotation> </element> |

element **ProductIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**ProductDataV1**](#Link0717B568) | |
| annotation | |  | | --- | | documentation | | Fixed Spelling | |
| source | <element name="ProductIdentifier" type="string">  <annotation>  <documentation>Fixed Spelling</documentation>  </annotation> </element> |

element **ProductIdentifiers**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:ProductDataV1**](#Link0717B568) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:ProductIdentifierType**](#Link07172C28)[**pidx:ProductText**](#Link07172CF0)[**pidx:ProductIdentifier**](#Link07172F48) |
| used by | |  |  | | --- | --- | | element | [**PlannedProduct**](#Link074048F0) | | complexType | [**OnBoardDefinition**](#Link07186EA0) | |
| annotation | |  | | --- | | documentation | | Product Secondary Ids (for example - terminal product Code, material Code, price material codes, Descriptions, tiered product code) | |
| source | <element name="ProductIdentifiers" type="pidx:ProductDataV1">  <annotation>  <documentation>Product Secondary Ids (for example - terminal product Code, material Code, price material codes, Descriptions, tiered product code)</documentation>  </annotation> </element> |

element **ProductIdentifierType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:ProductIdentifierTypes**](#Link070AE3A0) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexTypes | [**ProductData**](#Link0717B390)[**ProductDataV1**](#Link0717B568) | |
| facets | |  |  | | --- | --- | | enumeration | PIDXProductID | | enumeration | TerminalProductID | | enumeration | MaterialCode | | enumeration | GlobalCatalogProduct | |
| annotation | |  | | --- | | documentation | | Product ID Type (see Enums) | |
| source | <element name="ProductIdentifierType" type="pidx:ProductIdentifierTypes">  <annotation>  <documentation>Product ID Type (see Enums)</documentation>  </annotation> </element> |

element **ProductList**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Product**](#Link072438B0)[**pidx:LoadingRef**](#Link07169128)[**pidx:Measurement**](#Link0725B590)[**pidx:MotItem**](#Link07232528)[**pidx:CompartmentNumber**](#Link07149A18)[**pidx:DestinationIdentifier**](#Link07404DA0) |
| used by | |  |  | | --- | --- | | element | [**PlannedLifting**](#Link07242398) | | complexType | [**AuthResponseData**](#Link072687B8) | |
| annotation | |  | | --- | | documentation | | Right to Lift Product List, Used for Sending in Local Terminal Order products and quantities and in Response for sending down Product List and Quantities. | |
| source | <element name="ProductList">  <annotation>  <documentation>Right to Lift Product List, Used for Sending in Local Terminal Order products and quantities and in Response for sending down Product List and Quantities.</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:Product"/>  <element ref="pidx:LoadingRef" minOccurs="0"/>  <element ref="pidx:Measurement" minOccurs="0"/>  <element ref="pidx:MotItem" minOccurs="0"/>  <element ref="pidx:CompartmentNumber" minOccurs="0"/>  <element ref="pidx:DestinationIdentifier" minOccurs="0"/>  </sequence>  </complexType> </element> |

element **ProductText**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexTypes | [**ProductData**](#Link0717B390)[**ProductDataV1**](#Link0717B568) | |
| annotation | |  | | --- | | documentation | | Description of Product | |
| source | <element name="ProductText" type="string">  <annotation>  <documentation>Description of Product</documentation>  </annotation> </element> |

element **ProductWeight**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:ProductWeightType**](#Link0730BB60) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Quantity**](#Link0725B978)[**pidx:Unit**](#Link07274D70) |
| used by | |  |  | | --- | --- | | complexType | [**PMQuantity**](#Link07185E08) | |
| source | <element name="ProductWeight" type="pidx:ProductWeightType"/> |

element **Quantity**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **decimal** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**TaxDetail**](#Link0716FFA0) | | complexTypes | [**DensityType**](#Link07277DE0)[**GravityType**](#Link07277C08)[**MeasurementComplexType**](#Link07277FB8)[**MixPercentageType**](#Link07277858)[**PressureType**](#Link0730B988)[**ProductWeightType**](#Link0730BB60)[**TemperatureType**](#Link07277A30)[**VolumeType**](#Link07165E08) | |
| annotation | |  | | --- | | documentation | | Quantity UOM of Quantity is typically another field | |
| source | <element name="Quantity" type="decimal">  <annotation>  <documentation>Quantity UOM of Quantity is typically another field</documentation>  </annotation> </element> |

element **QuantitySchedule**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:QuantityScheduleType**](#Link07186AF0) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:BeginPeriod**](#Link07404760)[**pidx:EndPeriod**](#Link07404828)[**pidx:PeriodQuantity**](#Link074030B8) |
| used by | |  |  | | --- | --- | | element | [**QuantitySchedules**](#Link074042B0) | |
| source | <element name="QuantitySchedule" type="pidx:QuantityScheduleType"/> |

element **QuantitySchedules**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:QuantitySchedule**](#Link07404440) |
| used by | |  |  | | --- | --- | | element | [**DocumentLineItem**](#Link074050C0) | |
| source | <element name="QuantitySchedules">  <complexType>  <sequence>  <element ref="pidx:QuantitySchedule" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **QuantityUnit**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| annotation | |  | | --- | | documentation | | Tax Quantity Unit (not sure if we should us same Units Enum list as specified in Measurements??) | |
| source | <element name="QuantityUnit" type="string">  <annotation>  <documentation>Tax Quantity Unit (not sure if we should us same Units Enum list as specified in Measurements??)</documentation>  </annotation> </element> |

element **Rail**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:RailDefinition**](#Link0717C600) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:RailPartners**](#Link07173FB0)[**pidx:NumberOfRailCars**](#Link071751A8)[**pidx:RailCarType**](#Link07175270)[**pidx:RailCarTypeText**](#Link07175338)[**pidx:RailCarIdentifier**](#Link07175400)[**pidx:ServiceAgreementType**](#Link071754C8)[**pidx:ServiceAgreementNumber**](#Link07175590)[**pidx:Tariff**](#Link07175658)[**pidx:RoutingCodes**](#Link07175720)[**pidx:TrackClass**](#Link071757E8)[**pidx:ConnectingTrack**](#Link071758B0)[**pidx:RailReferences**](#Link07175978) |
| used by | |  |  | | --- | --- | | element | [**TransportData**](#Link07173D58) | |
| source | <element name="Rail" type="pidx:RailDefinition"/> |

element **RailCarIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**RailDefinition**](#Link0717C600) | |
| source | <element name="RailCarIdentifier" type="string"/> |

element **RailCarType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**RailDefinition**](#Link0717C600) | |
| source | <element name="RailCarType" type="string"/> |

element **RailCarTypeText**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**RailDefinition**](#Link0717C600) | |
| source | <element name="RailCarTypeText" type="string"/> |

element **RailPartners**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:RailParty**](#Link07174140) |
| used by | |  |  | | --- | --- | | complexType | [**RailDefinition**](#Link0717C600) | |
| source | <element name="RailPartners">  <complexType>  <sequence>  <element ref="pidx:RailParty" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **RailParty**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | extension of [**pidx:PartnerInformation**](#Link0725D980) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:PartnerName**](#Link07233B08)[**pidx:PartnerIdentifier**](#Link07232AA0)[**pidx:Agency**](#Link07275928)[**pidx:ContactName**](#Link0714A698)[**pidx:ContactNumber**](#Link0714A760)[**pidx:ContactEmail**](#Link0714A5D0)[**pidx:AddressLine**](#Link07275860)[**pidx:CityName**](#Link0726E990)[**pidx:County**](#Link0714AC10)[**pidx:StateOrProvince**](#Link0716F708)[**pidx:PostalCode**](#Link072429D8)[**pidx:PostalCountry**](#Link07242AA0)[**pidx:URL**](#Link07171008)[**pidx:SalesOrganization**](#Link07233D60)[**pidx:SalesDivision**](#Link07241FB0)[**pidx:DistributionChannel**](#Link07233E28)[**pidx:PartnerExciseNumber**](#Link07242140)[**pidx:PartnerVATNumber**](#Link07242078)[**pidx:PartnerLocation**](#Link07233A40)[**pidx:PartnerRoleIndicator**](#Link07174208) |
| used by | |  |  | | --- | --- | | element | [**RailPartners**](#Link07173FB0) | |
| source | <element name="RailParty">  <complexType>  <complexContent>  <extension base="pidx:PartnerInformation">  <sequence>  <element name="PartnerRoleIndicator" type="pidx:RailPartnerRoles"/>  </sequence>  </extension>  </complexContent>  </complexType> </element> |

element **RailParty/PartnerRoleIndicator**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:RailPartnerRoles**](#Link070AE7A8) |
| properties | |  |  | | --- | --- | | isRef | 0 | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**PartnerRoleInformation**](#Link0725DB58) | |
| facets | |  |  | | --- | --- | | enumeration | AlternateSender | | enumeration | AlternateReceiver | | enumeration | DestinationStation | | enumeration | FreightPayor | | enumeration | RailCarCompany | | enumeration | RailCompany | | enumeration | RailReceiver | | enumeration | RailSender | |
| source | <element name="PartnerRoleIndicator" type="pidx:RailPartnerRoles"/> |

element **RailReference**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:RailReferenceDefinition**](#Link0717C9B0) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:RailTextKey**](#Link07402370)[**pidx:RailTextKeySequence**](#Link07402438)[**pidx:RailTextValue**](#Link07402500) |
| used by | |  |  | | --- | --- | | element | [**RailReferences**](#Link07175978) | |
| source | <element name="RailReference" type="pidx:RailReferenceDefinition"/> |

element **RailReferences**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:RailReference**](#Link07175B08) |
| used by | |  |  | | --- | --- | | complexType | [**RailDefinition**](#Link0717C600) | |
| source | <element name="RailReferences">  <complexType>  <sequence>  <element ref="pidx:RailReference" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **RailTextKey**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**RailReferenceDefinition**](#Link0717C9B0) | |
| source | <element name="RailTextKey" type="string"/> |

element **RailTextKeySequence**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **integer** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**RailReferenceDefinition**](#Link0717C9B0) | |
| source | <element name="RailTextKeySequence" type="integer"/> |

element **RailTextValue**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**RailReferenceDefinition**](#Link0717C9B0) | |
| source | <element name="RailTextValue" type="string"/> |

element **Rate**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **decimal** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**TaxDetail**](#Link0716FFA0) | |
| annotation | |  | | --- | | documentation | | Tax Rate | |
| source | <element name="Rate" type="decimal">  <annotation>  <documentation>Tax Rate</documentation>  </annotation> </element> |

element **ReasonCode**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | | default | 00 | |
| used by | |  |  | | --- | --- | | element | [**LineItemResponse**](#Link0726D220) | |
| annotation | |  | | --- | | documentation | | Error or Success Message ID | |
| source | <element name="ReasonCode" type="string" default="00">  <annotation>  <documentation>Error or Success Message ID</documentation>  </annotation> </element> |

element **Recipe**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:ComponentType**](#Link07149C70)[**pidx:ComponentContract**](#Link0716A000)[**pidx:StockOwner**](#Link07169F38)[**pidx:StorageTankIdentifier**](#Link0716F960)[**pidx:MeterIdentifier**](#Link0725BBD0)[**pidx:Measurements**](#Link0725B400)[**pidx:Component**](#Link071726B0) |
| used by | |  |  | | --- | --- | | element | [**Recipes**](#Link0716A0C8) | |
| annotation | |  | | --- | | documentation | | Recipe of the Product, including Components, Additives, and Dyes. | |
| source | <element name="Recipe">  <annotation>  <documentation>Recipe of the Product, including Components, Additives, and Dyes.</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:ComponentType"/>  <element ref="pidx:ComponentContract" minOccurs="0"/>  <element ref="pidx:StockOwner" minOccurs="0"/>  <element ref="pidx:StorageTankIdentifier" minOccurs="0"/>  <element ref="pidx:MeterIdentifier" minOccurs="0"/>  <element ref="pidx:Measurements"/>  <element ref="pidx:Component" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **Recipes**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Recipe**](#Link071698F8) |
| used by | |  |  | | --- | --- | | element | [**MeasurementInformation**](#Link0725AF50) | |
| annotation | |  | | --- | | documentation | | Container for the repeating Recipe Element | |
| source | <element name="Recipes">  <annotation>  <documentation>Container for the repeating Recipe Element</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:Recipe" minOccurs="0" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **RecipientDocumentIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**PMResponseSucessData**](#Link07269678) | |
| annotation | |  | | --- | | documentation | | Issued during storage of Document at the TAS. | |
| source | <element name="RecipientDocumentIdentifier" type="string">  <annotation>  <documentation>Issued during storage of Document at the TAS.</documentation>  </annotation> </element> |

element **Reference**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:ReferenceOwner**](#Link0716A960)[**pidx:ReferenceQualifier**](#Link0716ABB8)[**pidx:ReferenceType**](#Link0716A898)[**pidx:ReferenceIdentifier**](#Link0716AA28)[**pidx:ReferenceItem**](#Link0716AAF0) |
| used by | |  |  | | --- | --- | | elements | [**Compartment**](#Link0726EBE8)[**DetailReferences**](#Link07406128)[**References**](#Link0716A258) | |
| annotation | |  | | --- | | documentation | | Line Item References | |
| source | <element name="Reference">  <annotation>  <documentation>Line Item References</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:ReferenceOwner" minOccurs="0"/>  <element ref="pidx:ReferenceQualifier"/>  <element ref="pidx:ReferenceType" minOccurs="0"/>  <element ref="pidx:ReferenceIdentifier" minOccurs="0"/>  <element ref="pidx:ReferenceItem" minOccurs="0"/>  </sequence>  </complexType> </element> |

element **ReferenceIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Reference**](#Link0716A3E8) | |
| annotation | |  | | --- | | documentation | | References Number for the line Item References | |
| source | <element name="ReferenceIdentifier" type="string">  <annotation>  <documentation>References Number for the line Item References</documentation>  </annotation> </element> |

element **ReferenceItem**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Reference**](#Link0716A3E8) | |
| annotation | |  | | --- | | documentation | | Line Item Number for the Line Item Reference | |
| source | <element name="ReferenceItem" type="string">  <annotation>  <documentation>Line Item Number for the Line Item Reference</documentation>  </annotation> </element> |

element **ReferenceOwner**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Reference**](#Link0716A3E8) | |
| annotation | |  | | --- | | documentation | | PIDX Owner Code Reference, Should contain a PIDX Company Code or Seller Num | |
| source | <element name="ReferenceOwner" type="string">  <annotation>  <documentation>PIDX Owner Code Reference, Should contain a PIDX Company Code or Seller Num</documentation>  </annotation> </element> |

element **ReferenceQualifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | union of ([**pidx:ReferenceTypes**](#Link070ADE40)) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Reference**](#Link0716A3E8) | |
| annotation | |  | | --- | | documentation | | Document Reference Qualifier | |
| source | <element name="ReferenceQualifier">  <annotation>  <documentation>Document Reference Qualifier</documentation>  </annotation>  <simpleType>  <union memberTypes="pidx:ReferenceTypes"/>  </simpleType> </element> |

element **References**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Reference**](#Link0716A3E8) |
| used by | |  |  | | --- | --- | | element | [**DocumentHeader**](#Link0714B250) | | complexType | [**PostingData**](#Link07176FE0) | |
| annotation | |  | | --- | | documentation | | Container for References | |
| source | <element name="References">  <annotation>  <documentation>Container for References</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:Reference" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **ReferenceType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Reference**](#Link0716A3E8) | |
| annotation | |  | | --- | | documentation | | Reference Type for Document | |
| source | <element name="ReferenceType" type="string">  <annotation>  <documentation>Reference Type for Document</documentation>  </annotation> </element> |

element **RegionCode**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| facets | |  |  | | --- | --- | | enumeration | Africa | | enumeration | Antarctica | | enumeration | Asia | | enumeration | Oceania | | enumeration | Europe | | enumeration | NorthAmerica | | enumeration | SouthAmerica | |
| annotation | |  | | --- | | documentation | | Product Region Code, the region code will be set by terminal location if its not set in the Auth/Response or BOL. | |
| source | <element name="RegionCode">  <annotation>  <documentation>Product Region Code, the region code will be set by terminal location if its not set in the Auth/Response or BOL.</documentation>  </annotation>  <simpleType>  <restriction base="string">  <enumeration value="Africa"/>  <enumeration value="Antarctica"/>  <enumeration value="Asia"/>  <enumeration value="Oceania"/>  <enumeration value="Europe"/>  <enumeration value="NorthAmerica"/>  <enumeration value="SouthAmerica"/>  </restriction>  </simpleType> </element> |

element **RenewalDate**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **date** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**AgentData**](#Link07166568) | |
| annotation | |  | | --- | | documentation | | Should Refresh on this Date | |
| source | <element name="RenewalDate" type="date">  <annotation>  <documentation>Should Refresh on this Date</documentation>  </annotation> </element> |

element **Required**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:YesNo**](#Link070ADCE8) |
| properties | |  |  | | --- | --- | | content | simple | | default | No | |
| used by | |  |  | | --- | --- | | complexType | [**SecondaryLoadReferenceCT**](#Link0717CB88) | |
| facets | |  |  | | --- | --- | | enumeration | Yes | | enumeration | No | |
| annotation | |  | | --- | | documentation | | Driver Must enter a reference Number | |
| source | <element name="Required" type="pidx:YesNo" default="No">  <annotation>  <documentation>Driver Must enter a reference Number</documentation>  </annotation> </element> |

element **Response**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:PMResponseBody**](#Link072692C8) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:OriginalDocumentIdentifier**](#Link074097D8)[**pidx:DocumentOriginator**](#Link0714C1F0)[**pidx:MovementType**](#Link0722E078)[**pidx:DocumentIdentifier**](#Link0714CB50)[**pidx:PMReceivedDateTime**](#Link0726DC48)[**pidx:ProcessingCompleteDateTime**](#Link0726DD10)[**pidx:ResponseResult**](#Link0726BAB0) |
| used by | |  |  | | --- | --- | | element | [**PMResponseComplex/Body**](#Link0726B858) | |
| annotation | |  | | --- | | documentation | | Repeating elements of responses from batch Processing. | |
| source | <element name="Response" type="pidx:PMResponseBody">  <annotation>  <documentation>Repeating elements of responses from batch Processing.</documentation>  </annotation> </element> |

element **ResponseInfo**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:ResponseType**](#Link0716E6A0)[**pidx:LoadingType**](#Link0725A140)[**pidx:DenyCode**](#Link0716E768)[**pidx:DenyDescription**](#Link0716E830)[**pidx:DenySellerMsg**](#Link0716E8F8)[**pidx:AuthorizingSystem**](#Link0726B6C8)[**pidx:AuthorizationNo**](#Link0726DDD8)[**pidx:MovementType**](#Link0722E078)[**pidx:DocumentOriginator**](#Link0714C1F0)[**pidx:DocumentIdentifier**](#Link0714CB50)[**pidx:DriverDocumentIdentifier**](#Link0714BF98) |
| used by | |  |  | | --- | --- | | complexType | [**AuthResponseData**](#Link072687B8) | |
| annotation | |  | | --- | | documentation | | RightToLift Authorization Responses | |
| source | <element name="ResponseInfo">  <annotation>  <documentation>RightToLift Authorization Responses</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:ResponseType"/>  <element ref="pidx:LoadingType">  <annotation>  <documentation>LoadingType Used to during Authorization. Response also sends back LoadingType Preformed in response since all Data Clearing Houses may not support all LoadingTypes</documentation>  </annotation>  </element>  <element ref="pidx:DenyCode" minOccurs="0"/>  <element ref="pidx:DenyDescription" minOccurs="0"/>  <element ref="pidx:DenySellerMsg" minOccurs="0"/>  <element ref="pidx:AuthorizingSystem" minOccurs="0"/>  <element ref="pidx:AuthorizationNo" minOccurs="0"/>  <element ref="pidx:MovementType" minOccurs="0"/>  <element ref="pidx:DocumentOriginator" minOccurs="0"/>  <element ref="pidx:DocumentIdentifier" minOccurs="0"/>  <element ref="pidx:DriverDocumentIdentifier" minOccurs="0"/>  </sequence>  </complexType> </element> |

element **ResponseResult**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | extension of [**pidx:PMResponseBaseClass**](#Link072694A0) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Success**](#Link0726CA50)[**pidx:Failed**](#Link0726DB80) |
| used by | |  |  | | --- | --- | | complexType | [**PMResponseBody**](#Link072692C8) | |
| annotation | |  | | --- | | documentation | | Parent Element for Choice | |
| source | <element name="ResponseResult">  <annotation>  <documentation>Parent Element for Choice</documentation>  </annotation>  <complexType>  <complexContent>  <extension base="pidx:PMResponseBaseClass">  <choice>  <element ref="pidx:Success"/>  <element ref="pidx:Failed"/>  </choice>  </extension>  </complexContent>  </complexType> </element> |

element **ResponseType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**ResponseInfo**](#Link0716AC80) | |
| facets | |  |  | | --- | --- | | enumeration | AUTH | | enumeration | DENY | |
| annotation | |  | | --- | | documentation | | Auth/Deny Response | |
| source | <element name="ResponseType">  <annotation>  <documentation>Auth/Deny Response</documentation>  </annotation>  <simpleType>  <restriction base="string">  <enumeration value="AUTH"/>  <enumeration value="DENY"/>  </restriction>  </simpleType> </element> |

element **Revision**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:RevisionData**](#Link0718A918) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:OriginalDocumentIdentifier**](#Link074097D8)[**pidx:RevisionNumber**](#Link0716E9C0)[**pidx:LastModified**](#Link07409A30)[**pidx:UserName**](#Link07409968) |
| used by | |  |  | | --- | --- | | elements | [**DocumentHeader**](#Link0714B250)[**DocumentReference**](#Link07230208) | |
| annotation | |  | | --- | | documentation | | Contains Revision Information for the Document | |
| source | <element name="Revision" type="pidx:RevisionData">  <annotation>  <documentation>Contains Revision Information for the Document</documentation>  </annotation> </element> |

element **RevisionNumber**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**DocumentReference**](#Link07230208) | | complexTypes | [**DocumentData**](#Link07262188)[**RevisionData**](#Link0718A918) | |
| annotation | |  | | --- | | documentation | | Document Reference Revision Number. | |
| source | <element name="RevisionNumber" type="string">  <annotation>  <documentation>Document Reference Revision Number.</documentation>  </annotation> </element> |

element **RightToLiftCheck**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:RightToLIftEnum**](#Link070ADB90) |
| properties | |  |  | | --- | --- | | content | simple | | default | NotRequired | |
| used by | |  |  | | --- | --- | | element | [**AuthorizationSetting**](#Link072776D8) | |
| facets | |  |  | | --- | --- | | enumeration | AtLiftingTime | | enumeration | OnReceipt | | enumeration | NotRequired | |
| annotation | |  | | --- | | documentation | | Right To Lift Check must be performed for Loadid/Reference entered | |
| source | <element name="RightToLiftCheck" type="pidx:RightToLIftEnum" default="NotRequired">  <annotation>  <documentation>Right To Lift Check must be performed for Loadid/Reference entered</documentation>  </annotation> </element> |

element **RightToLiftSystem**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| annotation | |  | | --- | | documentation | | RTL System | |
| source | <element name="RightToLiftSystem" type="string">  <annotation>  <documentation>RTL System</documentation>  </annotation> </element> |

element **RoutingCodes**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**RailDefinition**](#Link0717C600) | |
| source | <element name="RoutingCodes" type="string"/> |

element **SalesDivision**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**PartnerInformation**](#Link0725D980) | |
| annotation | |  | | --- | | documentation | | Sales Division | |
| source | <element name="SalesDivision" type="string">  <annotation>  <documentation>Sales Division</documentation>  </annotation> </element> |

element **SalesOrganization**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**PartnerInformation**](#Link0725D980) | |
| annotation | |  | | --- | | documentation | | Sales Organization | |
| source | <element name="SalesOrganization" type="string">  <annotation>  <documentation>Sales Organization </documentation>  </annotation> </element> |

element **ScheduleType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:ScheduleTypeEnum**](#Link070AE0F0) |
| properties | |  |  | | --- | --- | | content | simple | | default | Outbound | |
| used by | |  |  | | --- | --- | | element | [**ModeOfTransport**](#Link0725BC98) | | complexType | [**PMMOT**](#Link0718A740) | |
| facets | |  |  | | --- | --- | | enumeration | Inbound | | enumeration | Outbound | | enumeration | Internal | |
| annotation | |  | | --- | | documentation | | indicates Loading or Discharge of product | |
| source | <element name="ScheduleType" type="pidx:ScheduleTypeEnum" default="Outbound">  <annotation>  <documentation>indicates Loading or Discharge of product</documentation>  </annotation> </element> |

element **Seal**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:SealType**](#Link0716EF38)[**pidx:SealNo**](#Link0716F000) |
| used by | |  |  | | --- | --- | | element | [**Seals**](#Link0716ECE0) | |
| annotation | |  | | --- | | documentation | | Seal Information | |
| source | <element name="Seal">  <annotation>  <documentation>Seal Information</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:SealType" minOccurs="0"/>  <element ref="pidx:SealNo"/>  </sequence>  </complexType> </element> |

element **SealNo**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Seal**](#Link0716EA88) | |
| annotation | |  | | --- | | documentation | | Seal Number | |
| source | <element name="SealNo" type="string">  <annotation>  <documentation>Seal Number</documentation>  </annotation> </element> |

element **Seals**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Seal**](#Link0716EA88) |
| used by | |  |  | | --- | --- | | elements | [**Compartment**](#Link0726EBE8)[**LoadCompartment**](#Link07403C70) | |
| annotation | |  | | --- | | documentation | | Seals Information | |
| source | <element name="Seals">  <annotation>  <documentation>Seals Information</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:Seal" minOccurs="0" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **SealString**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | elements | [**ConfiguredVehicle**](#Link07149F90)[**ModeOfTransport**](#Link0725BC98) | |
| annotation | |  | | --- | | documentation | | Seal String Info | |
| source | <element name="SealString" type="string">  <annotation>  <documentation>Seal String Info</documentation>  </annotation> </element> |

element **SealType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Seal**](#Link0716EA88) | |
| annotation | |  | | --- | | documentation | | Seal Type Inlet/Outlet | |
| source | <element name="SealType">  <annotation>  <documentation>Seal Type Inlet/Outlet</documentation>  </annotation>  <simpleType>  <restriction base="string"/>  </simpleType> </element> |

element **SecondaryLoadReference**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:SecondaryLoadReferenceCT**](#Link0717CB88) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Required**](#Link074028E8)[**pidx:Validated**](#Link074029B0)[**pidx:DisplayList**](#Link07402A78) |
| used by | |  |  | | --- | --- | | element | [**DocumentHeader**](#Link0714B250) | |
| source | <element name="SecondaryLoadReference" type="pidx:SecondaryLoadReferenceCT"/> |

element **SellerDocumentSequence**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **integer** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**ShipperData**](#Link07276B20) | |
| annotation | |  | | --- | | documentation | | Sequential Number for Seller BOL from terminal | |
| source | <element name="SellerDocumentSequence" type="integer">  <annotation>  <documentation>Sequential Number for Seller BOL from terminal</documentation>  </annotation> </element> |

element **SellerNum**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**AuthParties**](#Link0726E288) | |
| annotation | |  | | --- | | documentation | | PIDX Seller Number | |
| source | <element name="SellerNum" type="string">  <annotation>  <documentation>PIDX Seller Number</documentation>  </annotation> </element> |

element **ServiceAgreementNumber**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**RailDefinition**](#Link0717C600) | |
| source | <element name="ServiceAgreementNumber" type="string"/> |

element **ServiceAgreementType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**RailDefinition**](#Link0717C600) | |
| source | <element name="ServiceAgreementType" type="string"/> |

element **Shift**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | elements | [**ConfiguredVehicle**](#Link07149F90)[**DocumentReference**](#Link07230208) | |
| annotation | |  | | --- | | documentation | | Indicates Shift of the Trip | |
| source | <element name="Shift" type="string">  <annotation>  <documentation>Indicates Shift of the Trip</documentation>  </annotation> </element> |

element **ShiftSeq**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | elements | [**ConfiguredVehicle**](#Link07149F90)[**DocumentReference**](#Link07230208) | |
| annotation | |  | | --- | | documentation | | Indicates the Shift sequence | |
| source | <element name="ShiftSeq" type="string">  <annotation>  <documentation>Indicates the Shift sequence</documentation>  </annotation> </element> |

element **ShipperData**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:SellerDocumentSequence**](#Link0716F320)[**pidx:FinalShipperDocumentSequence**](#Link07173718)[**pidx:ShipperInfo**](#Link0716F3E8) |
| used by | |  |  | | --- | --- | | complexType | [**PostingData**](#Link07176FE0) | |
| annotation | |  | | --- | | documentation | | Contains Doc Sequences for Final Shipper and Seller and Shipper Info which is just free form text | |
| source | <element name="ShipperData">  <annotation>  <documentation>Contains Doc Sequences for Final Shipper and Seller and Shipper Info which is just free form text</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:SellerDocumentSequence" minOccurs="0"/>  <element ref="pidx:FinalShipperDocumentSequence" minOccurs="0"/>  <element ref="pidx:ShipperInfo" minOccurs="0"/>  </sequence>  </complexType> </element> |

element **ShipperInfo**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**ShipperData**](#Link07276B20) | |
| annotation | |  | | --- | | documentation | | PIDX4 Backward Compatible Shipper Info, Defined in V4 as - Various shipper defined information. | |
| source | <element name="ShipperInfo" type="string">  <annotation>  <documentation>PIDX4 Backward Compatible Shipper Info, Defined in V4 as - Various shipper defined information. </documentation>  </annotation> </element> |

element **SoldToIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| source | <element name="SoldToIdentifier" type="string"/> |

element **Source**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**MeasurementInformation**](#Link0725AF50) | |
| annotation | |  | | --- | | documentation | | Meter Calibration Source (source company??) | |
| source | <element name="Source" type="string">  <annotation>  <documentation>Meter Calibration Source (source company??)</documentation>  </annotation> </element> |

element **SourceDocument**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **integer** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**MeasurementInformation**](#Link0725AF50) | |
| annotation | |  | | --- | | documentation | | Document ID for Meter Calibration | |
| source | <element name="SourceDocument" type="integer">  <annotation>  <documentation>Document ID for Meter Calibration </documentation>  </annotation> </element> |

element **SplitLoading**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:YesNo**](#Link070ADCE8) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**PostingData**](#Link07176FE0) | |
| facets | |  |  | | --- | --- | | enumeration | Yes | | enumeration | No | |
| annotation | |  | | --- | | documentation | | A split load indicates instances where compartments on the same truck are loaded from different lanes at a terminal requiring the driver to card in and card out as he moves from lane to lane to complete a load. | |
| source | <element name="SplitLoading" type="pidx:YesNo">  <annotation>  <documentation>A split load indicates instances where compartments on the same truck are loaded from different lanes at a terminal requiring the driver to card in and card out as he moves from lane to lane to complete a load.</documentation>  </annotation> </element> |

element **StateOrProvince**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Location**](#Link0725A208) | | complexType | [**PartnerInformation**](#Link0725D980) | |
| annotation | |  | | --- | | documentation | | PartnerInfo State or Province Information | |
| source | <element name="StateOrProvince" type="string">  <annotation>  <documentation>PartnerInfo State or Province Information</documentation>  </annotation> </element> |

element **StockOwner**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Recipe**](#Link071698F8) | |
| annotation | |  | | --- | | documentation | | StockOwner of the Component Product (Should be a PIDX SellerNum). | |
| source | <element name="StockOwner" type="string">  <annotation>  <documentation>StockOwner of the Component Product (Should be a PIDX SellerNum).</documentation>  </annotation> </element> |

element **StockStatus**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Tax**](#Link0716FBB8) | |
| facets | |  |  | | --- | --- | | enumeration | TAXED | | enumeration | UNTAXED | |
| annotation | |  | | --- | | documentation | | Stock Taxing Status - Taxed/Untaxed | |
| source | <element name="StockStatus">  <annotation>  <documentation>Stock Taxing Status - Taxed/Untaxed</documentation>  </annotation>  <simpleType>  <restriction base="string">  <enumeration value="TAXED"/>  <enumeration value="UNTAXED"/>  </restriction>  </simpleType> </element> |

element **StorageLocation**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Product**](#Link072438B0) | |
| annotation | |  | | --- | | documentation | | Storage Location for Finished Product | |
| source | <element name="StorageLocation" type="string">  <annotation>  <documentation>Storage Location for Finished Product </documentation>  </annotation> </element> |

element **StorageTankIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Recipe**](#Link071698F8) | |
| annotation | |  | | --- | | documentation | | StorageTankID where product was lifted from. | |
| source | <element name="StorageTankIdentifier" type="string">  <annotation>  <documentation>StorageTankID where product was lifted from.</documentation>  </annotation> </element> |

element **SubmissionMessageType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:EMCSSubmissionMessageEnum**](#Link070AED08) |
| properties | |  |  | | --- | --- | | content | simple | | default | 1 | |
| used by | |  |  | | --- | --- | | element | [**EMCS**](#Link07407000) | |
| facets | |  |  | | --- | --- | | enumeration | 1 | | enumeration | 2 | |
| annotation | |  | | --- | | documentation | | EMCS Data for Europe v5.02 | |
| source | <element name="SubmissionMessageType" type="pidx:EMCSSubmissionMessageEnum" default="1">  <annotation>  <documentation>EMCS Data for Europe v5.02</documentation>  </annotation> </element> |

element **Success**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:PMResponseSucessData**](#Link07269678) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:FromSeller**](#Link0726D9F0)[**pidx:Message**](#Link0726CCA8)[**pidx:RecipientDocumentIdentifier**](#Link0726DAB8)[**pidx:Authorization**](#Link0726B218)[**pidx:LineItemResponses**](#Link0726D860) |
| used by | |  |  | | --- | --- | | element | [**ResponseResult**](#Link0726BAB0) | |
| annotation | |  | | --- | | documentation | | Success Flag Element | |
| source | <element name="Success" type="pidx:PMResponseSucessData">  <annotation>  <documentation>Success Flag Element</documentation>  </annotation> </element> |

element **TankCapacity**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **double** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**TankDeliveryData**](#Link0718A390) | |
| source | <element name="TankCapacity" type="double"/> |

element **TankDelivery**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:TankDeliveryDetail**](#Link07408DB0) |
| used by | |  |  | | --- | --- | | element | [**DocumentLineItem**](#Link074050C0) | |
| source | <element name="TankDelivery">  <complexType>  <sequence>  <element ref="pidx:TankDeliveryDetail" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **TankDeliveryDetail**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:TankDeliveryData**](#Link0718A390) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:TpuLicense**](#Link07170A90)[**pidx:CompartmentNumber**](#Link07149A18)[**pidx:TankDeliveryQuantity**](#Link07402F28)[**pidx:TankIdentifier**](#Link07408C20)[**pidx:TankCapacity**](#Link07408B58)[**pidx:TankUnit**](#Link07408CE8) |
| used by | |  |  | | --- | --- | | element | [**TankDelivery**](#Link07408E78) | |
| source | <element name="TankDeliveryDetail" type="pidx:TankDeliveryData"/> |

element **TankDeliveryQuantity**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:PMQuantity**](#Link07185E08) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Volume**](#Link07275158)[**pidx:ProductWeight**](#Link07274E38)[**pidx:NoQuantity**](#Link07275220) |
| used by | |  |  | | --- | --- | | complexType | [**TankDeliveryData**](#Link0718A390) | |
| annotation | |  | | --- | | documentation | | Tank Delivery Quantity | |
| source | <element name="TankDeliveryQuantity" type="pidx:PMQuantity">  <annotation>  <documentation>Tank Delivery Quantity</documentation>  </annotation> </element> |

element **TankIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**TankDeliveryData**](#Link0718A390) | |
| source | <element name="TankIdentifier" type="string"/> |

element **TankUnit**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:VolumeUnits**](#Link070ADA38) |
| properties | |  |  | | --- | --- | | content | simple | | default | LTR | |
| used by | |  |  | | --- | --- | | complexType | [**TankDeliveryData**](#Link0718A390) | |
| facets | |  |  | | --- | --- | | enumeration | LTR | | enumeration | ML | | enumeration | OZ | | enumeration | GAL | | enumeration | IGL | | enumeration | BBL | | enumeration | KB | | enumeration | CBM | | enumeration | HLT | |
| source | <element name="TankUnit" type="pidx:VolumeUnits" default="LTR"/> |

element **Tariff**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**RailDefinition**](#Link0717C600) | |
| source | <element name="Tariff" type="string"/> |

element **Tax**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:StockStatus**](#Link0716F7D0)[**pidx:TaxMovemtCode**](#Link07170770)[**pidx:TaxMovemtDesc**](#Link07170838)[**pidx:TaxDetail**](#Link0716FFA0) |
| used by | |  |  | | --- | --- | | elements | [**Compartment**](#Link0726EBE8)[**DocumentLineItem**](#Link074050C0) | |
| annotation | |  | | --- | | documentation | | Complex Type for Product Tax Information | |
| source | <element name="Tax">  <annotation>  <documentation>Complex Type for Product Tax Information</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:StockStatus" minOccurs="0"/>  <element ref="pidx:TaxMovemtCode" minOccurs="0"/>  <element ref="pidx:TaxMovemtDesc" minOccurs="0"/>  <element ref="pidx:TaxDetail" minOccurs="0" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

element **TaxCode**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**TaxDetail**](#Link0716FFA0) | |
| annotation | |  | | --- | | documentation | | Common abbreviation of the tax type | |
| source | <element name="TaxCode" type="string">  <annotation>  <documentation>Common abbreviation of the tax type  </documentation>  </annotation> </element> |

element **TaxDetail**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:TaxType**](#Link071730D8)[**pidx:TaxCode**](#Link071731A0)[**pidx:TaxLicenseIdentifier**](#Link07173330)[**pidx:TaxDutyIdentifier**](#Link071733F8)[**pidx:TaxLevel**](#Link07173268)[**pidx:Rate**](#Link071734C0)[**pidx:Currency**](#Link07173588)[**pidx:Quantity**](#Link0725B978)[**pidx:Unit**](#Link0725BA40) |
| used by | |  |  | | --- | --- | | element | [**Tax**](#Link0716FBB8) | |
| annotation | |  | | --- | | documentation | | Repeating Tax Detail Element | |
| source | <element name="TaxDetail">  <annotation>  <documentation>Repeating Tax Detail Element</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:TaxType" minOccurs="0"/>  <element ref="pidx:TaxCode" minOccurs="0"/>  <element ref="pidx:TaxLicenseIdentifier" minOccurs="0"/>  <element ref="pidx:TaxDutyIdentifier" minOccurs="0"/>  <element ref="pidx:TaxLevel" minOccurs="0"/>  <element ref="pidx:Rate" minOccurs="0"/>  <element ref="pidx:Currency" minOccurs="0"/>  <element ref="pidx:Quantity" minOccurs="0"/>  <element ref="pidx:Unit" minOccurs="0"/>  </sequence>  </complexType> </element> |

element **TaxDutyIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**TaxDetail**](#Link0716FFA0) | |
| source | <element name="TaxDutyIdentifier" type="string"/> |

element **TaxLevel**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**TaxDetail**](#Link0716FFA0) | |
| annotation | |  | | --- | | documentation | | The level at which the tax rate is valid | |
| source | <element name="TaxLevel" type="string">  <annotation>  <documentation>The level at which the tax rate is valid </documentation>  </annotation> </element> |

element **TaxLicenseIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**TaxDetail**](#Link0716FFA0) | |
| source | <element name="TaxLicenseIdentifier" type="string"/> |

element **TaxMovemtCode**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Tax**](#Link0716FBB8) | |
| annotation | |  | | --- | | documentation | | Tax Movement Code(Excise Duty Handling Type) | |
| source | <element name="TaxMovemtCode" type="string">  <annotation>  <documentation>Tax Movement Code(Excise Duty Handling Type)</documentation>  </annotation> </element> |

element **TaxMovemtDesc**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Tax**](#Link0716FBB8) | |
| annotation | |  | | --- | | documentation | | Description of Tax Movement Code(Excise Duty Handling Type) | |
| source | <element name="TaxMovemtDesc" type="string">  <annotation>  <documentation>Description of Tax Movement Code(Excise Duty Handling Type)</documentation>  </annotation> </element> |

element **TaxType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**TaxDetail**](#Link0716FFA0) | |
| annotation | |  | | --- | | documentation | | Describes the type of tax. Eg: “Energy Tax”, “CO2 Tax”, “Oil Spill Fee”, “Sulphur Tax”, "VAT", "Duty", "Excise" | |
| source | <element name="TaxType" type="string">  <annotation>  <documentation>Describes the type of tax. Eg: “Energy Tax”, “CO2 Tax”, “Oil Spill Fee”, “Sulphur Tax”, "VAT", "Duty", "Excise"</documentation>  </annotation> </element> |

element **Temperature**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:TemperatureType**](#Link07277A30) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:MeasurementQualifier**](#Link0725B720)[**pidx:Quantity**](#Link0725B978)[**pidx:Unit**](#Link072744D8) |
| source | <element name="Temperature" type="pidx:TemperatureType"/> |

element **Terms**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Incoterms**](#Link0722F590)[**pidx:IncotermsText**](#Link0722F658) |
| used by | |  |  | | --- | --- | | element | [**DocumentLineItem**](#Link074050C0) | |
| annotation | |  | | --- | | documentation | | Specifies Incoterms | |
| source | <element name="Terms">  <annotation>  <documentation>Specifies Incoterms</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:Incoterms"/>  <element ref="pidx:IncotermsText" minOccurs="0"/>  </sequence>  </complexType> </element> |

element **ThirdParty**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**AuthParties**](#Link0726E288) | |
| annotation | |  | | --- | | documentation | | PIDX Seller Number for Supply Partner | |
| source | <element name="ThirdParty" type="string">  <annotation>  <documentation>PIDX Seller Number for Supply Partner</documentation>  </annotation> </element> |

element **ThirdPartyConsignee**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**AuthParties**](#Link0726E288) | |
| annotation | |  | | --- | | documentation | | Consignee Number to use for finding exchange agreement if, not specified assume there is only one trading contract with Supply Partner | |
| source | <element name="ThirdPartyConsignee" type="string">  <annotation>  <documentation>Consignee Number to use for finding exchange agreement if, not specified assume there is only one trading contract with Supply Partner</documentation>  </annotation> </element> |

element **To**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:PartnerRoleInformation**](#Link0725DB58) |
| properties | |  |  | | --- | --- | | content | complex | | mixed | false | |
| children | [**pidx:PartnerName**](#Link07233B08)[**pidx:PartnerIdentifier**](#Link07232AA0)[**pidx:Agency**](#Link07275928)[**pidx:ContactName**](#Link0714A698)[**pidx:ContactNumber**](#Link0714A760)[**pidx:ContactEmail**](#Link0714A5D0)[**pidx:AddressLine**](#Link07275860)[**pidx:CityName**](#Link0726E990)[**pidx:County**](#Link0714AC10)[**pidx:StateOrProvince**](#Link0716F708)[**pidx:PostalCode**](#Link072429D8)[**pidx:PostalCountry**](#Link07242AA0)[**pidx:URL**](#Link07171008)[**pidx:SalesOrganization**](#Link07233D60)[**pidx:SalesDivision**](#Link07241FB0)[**pidx:DistributionChannel**](#Link07233E28)[**pidx:PartnerExciseNumber**](#Link07242140)[**pidx:PartnerVATNumber**](#Link07242078)[**pidx:PartnerLocation**](#Link07233A40)[**pidx:PartnerRoleIndicator**](#Link07233BD0) |
| used by | |  |  | | --- | --- | | element | [**Header**](#Link0722EE88) | |
| annotation | |  | | --- | | documentation | | LoadingDeliveryReceipt Header "To" Information | |
| source | <element name="To" type="pidx:PartnerRoleInformation">  <annotation>  <documentation>LoadingDeliveryReceipt Header "To" Information</documentation>  </annotation> </element> |

element **TpuIdentifierCard**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | elements | [**Engine**](#Link07231018)[**LoadPartIdentification**](#Link0722F7E8) | |
| annotation | |  | | --- | | documentation | | Transportation Unit Card ID assigned by Terminal?? | |
| source | <element name="TpuIdentifierCard" type="string">  <annotation>  <documentation>Transportation Unit Card ID assigned by Terminal??</documentation>  </annotation> </element> |

element **TpuLicense**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | elements | [**Engine**](#Link07231018)[**LoadPartIdentification**](#Link0722F7E8) | | complexType | [**TankDeliveryData**](#Link0718A390) | |
| annotation | |  | | --- | | documentation | | Transportation Unit License Plate Number | |
| source | <element name="TpuLicense" type="string">  <annotation>  <documentation>Transportation Unit License Plate Number</documentation>  </annotation> </element> |

element **TpuType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | elements | [**Engine**](#Link07231018)[**LoadPartIdentification**](#Link0722F7E8) | |
| annotation | |  | | --- | | documentation | | Transportation Unit Type - Currently free form. | |
| source | <element name="TpuType" type="string">  <annotation>  <documentation>Transportation Unit Type - Currently free form.</documentation>  </annotation> </element> |

element **TrackClass**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**RailDefinition**](#Link0717C600) | |
| source | <element name="TrackClass" type="string"/> |

element **Transport**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Company**](#Link0726EA58)[**pidx:Agent**](#Link072759F0)[**pidx:ModeOfTransport**](#Link0725BC98)[**pidx:LoadingParts**](#Link07259FB0) |
| used by | |  |  | | --- | --- | | complexType | [**PostingData**](#Link07176FE0) | |
| annotation | |  | | --- | | documentation | | Contains information on Transport of the product like MOT, Transport Company, Agent, as well as Products loaded on Transport | |
| source | <element name="Transport">  <annotation>  <documentation>Contains information on Transport of the product like MOT, Transport Company, Agent, as well as Products loaded on Transport</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:Company" minOccurs="0"/>  <element ref="pidx:Agent" minOccurs="0" maxOccurs="unbounded"/>  <element ref="pidx:ModeOfTransport"/>  <element ref="pidx:LoadingParts" minOccurs="0"/>  </sequence>  </complexType> </element> |

element **TransportArrangerCode**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:EMCSTransportArrangerEnum**](#Link0724E3B8) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**EMCS**](#Link07407000) | |
| facets | |  |  | | --- | --- | | enumeration | 1 | | enumeration | 2 | | enumeration | 3 | | enumeration | 4 | |
| annotation | |  | | --- | | documentation | | EMCS Data for Europe v5.02 | |
| source | <element name="TransportArrangerCode" type="pidx:EMCSTransportArrangerEnum">  <annotation>  <documentation>EMCS Data for Europe v5.02</documentation>  </annotation> </element> |

element **TransportData**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Rail**](#Link071750E0)[**pidx:Truck**](#Link071746B8) |
| used by | |  |  | | --- | --- | | complexType | [**PMMOT**](#Link0718A740) | |
| annotation | |  | | --- | | documentation | | Information for the MOT selected above | |
| source | <element name="TransportData">  <annotation>  <documentation>Information for the MOT selected above</documentation>  </annotation>  <complexType>  <choice>  <element ref="pidx:Rail"/>  <element ref="pidx:Truck"/>  </choice>  </complexType> </element> |

element **TransportIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**TransportSecondaryIdentifier**](#Link07171260) | |
| annotation | |  | | --- | | documentation | | Transport ID Numbers | |
| source | <element name="TransportIdentifier" type="string">  <annotation>  <documentation>Transport ID Numbers</documentation>  </annotation> </element> |

element **TransportIdentifierType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:TransportSecondaryTypes**](#Link0724EBC8) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**TransportSecondaryIdentifier**](#Link07171260) | |
| facets | |  |  | | --- | --- | | enumeration | DUNSNumber | | enumeration | PartnerHaulierID | | enumeration | TerminalHaulierID | | enumeration | CarrierFEIN | | enumeration | SCAC | |
| annotation | |  | | --- | | documentation | | Transport ID Types (see Enums) | |
| source | <element name="TransportIdentifierType" type="pidx:TransportSecondaryTypes">  <annotation>  <documentation>Transport ID Types (see Enums)</documentation>  </annotation> </element> |

element **TransportModeCode**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:EMCSTransportEnum**](#Link0724E260) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**EMCS**](#Link07407000) | |
| facets | |  |  | | --- | --- | | enumeration | 0 | | enumeration | 1 | | enumeration | 2 | | enumeration | 3 | | enumeration | 4 | | enumeration | 5 | | enumeration | 7 | | enumeration | 8 | |
| annotation | |  | | --- | | documentation | | EMCS Data for Europe v5.02 | |
| source | <element name="TransportModeCode" type="pidx:EMCSTransportEnum">  <annotation>  <documentation>EMCS Data for Europe v5.02</documentation>  </annotation> </element> |

element **TransportSecondaryIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:TransportIdentifierType**](#Link071714B8)[**pidx:TransportIdentifier**](#Link07171580) |
| used by | |  |  | | --- | --- | | element | [**Company**](#Link0726EA58) | |
| annotation | |  | | --- | | documentation | | Secondary IDs for Transport (Carrier FEIN, SCAC, TerminalHaulier, and SupplierHauiler Info) | |
| source | <element name="TransportSecondaryIdentifier">  <annotation>  <documentation>Secondary IDs for Transport (Carrier FEIN, SCAC, TerminalHaulier, and SupplierHauiler Info)</documentation>  </annotation>  <complexType>  <sequence>  <element ref="pidx:TransportIdentifierType"/>  <element ref="pidx:TransportIdentifier"/>  </sequence>  </complexType> </element> |

element **Truck**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:TruckDefinition**](#Link0717C078) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:Agents**](#Link071742D0)[**pidx:ConfiguredVehicles**](#Link07149E00) |
| used by | |  |  | | --- | --- | | element | [**TransportData**](#Link07173D58) | |
| source | <element name="Truck" type="pidx:TruckDefinition"/> |

element **Unit**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | union of ([**pidx:VolumeUnits**](#Link070ADA38), [**pidx:WeightUnits**](#Link070AD8E0), [**pidx:TemperatureUnits**](#Link070AD630), [**pidx:PressureUnits**](#Link072ECF58), [**pidx:GravityUnits**](#Link072ED0B0), [**pidx:RatioUnits**](#Link072ED208), [**pidx:DensityUnits**](#Link070AD788), [**pidx:EnergyContentUnits**](#Link072ECE00)) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**TaxDetail**](#Link0716FFA0) | | complexType | [**MeasurementComplexType**](#Link07277FB8) | |
| annotation | |  | | --- | | documentation | | Unit of Measure | |
| source | <element name="Unit">  <annotation>  <documentation>Unit of Measure</documentation>  </annotation>  <simpleType>  <union memberTypes="pidx:VolumeUnits pidx:WeightUnits pidx:TemperatureUnits pidx:PressureUnits pidx:GravityUnits pidx:RatioUnits pidx:DensityUnits pidx:EnergyContentUnits"/>  </simpleType> </element> |

element **UnitQualifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:MeasurementUnitQualf**](#Link0724DFB0) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**MeasurementComplexType**](#Link07277FB8) | |
| facets | |  |  | | --- | --- | | enumeration | Volume | | enumeration | Temperature | | enumeration | Pressure | | enumeration | Gravity | | enumeration | TareWeight | | enumeration | GrossWeight | | enumeration | ProductWeight | | enumeration | Density | | enumeration | MixPercentage | | enumeration | EnergyContent | |
| annotation | |  | | --- | | documentation | | Type of Unit - See Enums | |
| source | <element name="UnitQualifier" type="pidx:MeasurementUnitQualf">  <annotation>  <documentation>Type of Unit - See Enums</documentation>  </annotation> </element> |

element **UnladenWeight**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **double** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Engine**](#Link07231018) | | complexType | [**VechicleSpecificationData**](#Link0725BFB0) | |
| annotation | |  | | --- | | documentation | | Unladen Weight | |
| source | <element name="UnladenWeight" type="double">  <annotation>  <documentation>Unladen Weight</documentation>  </annotation> </element> |

element **URL**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Location**](#Link0725A208) | | complexType | [**PartnerInformation**](#Link0725D980) | |
| annotation | |  | | --- | | documentation | | Partner URL info | |
| source | <element name="URL" type="string">  <annotation>  <documentation>Partner URL info</documentation>  </annotation> </element> |

element **UserName**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**RevisionData**](#Link0718A918) | |
| source | <element name="UserName" type="string"/> |

element **Validated**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:YesNo**](#Link070ADCE8) |
| properties | |  |  | | --- | --- | | content | simple | | default | No | |
| used by | |  |  | | --- | --- | | complexType | [**SecondaryLoadReferenceCT**](#Link0717CB88) | |
| facets | |  |  | | --- | --- | | enumeration | Yes | | enumeration | No | |
| annotation | |  | | --- | | documentation | | TAS system Must Validate the Reference Entered before Lifting Occurs | |
| source | <element name="Validated" type="pidx:YesNo" default="No">  <annotation>  <documentation>TAS system Must Validate the Reference Entered before Lifting Occurs</documentation>  </annotation> </element> |

element **VehicleIdentifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**ConfiguredVehicle**](#Link07149F90) | |
| annotation | |  | | --- | | documentation | | Partner Reference for the Configured Vehicle. | |
| source | <element name="VehicleIdentifier" type="string">  <annotation>  <documentation>Partner Reference for the Configured Vehicle.</documentation>  </annotation> </element> |

element **VersionConversion**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | **string** |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**DocumentData**](#Link07262188) | |
| annotation | |  | | --- | | documentation | | From Version Conversion | |
| source | <element name="VersionConversion" type="string">  <annotation>  <documentation>From Version Conversion</documentation>  </annotation> </element> |

element **Volume**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:VolumeType**](#Link07165E08) |
| properties | |  |  | | --- | --- | | content | complex | |
| children | [**pidx:MeasurementQualifier**](#Link07274F00)[**pidx:Quantity**](#Link0725B978)[**pidx:Unit**](#Link07275090) |
| used by | |  |  | | --- | --- | | complexType | [**PMQuantity**](#Link07185E08) | |
| source | <element name="Volume" type="pidx:VolumeType"/> |

element **VolumeUnit**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:VolumeUnits**](#Link070ADA38) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**MaxFillLevels**](#Link0725C360) | |
| facets | |  |  | | --- | --- | | enumeration | LTR | | enumeration | ML | | enumeration | OZ | | enumeration | GAL | | enumeration | IGL | | enumeration | BBL | | enumeration | KB | | enumeration | CBM | | enumeration | HLT | |
| annotation | |  | | --- | | documentation | | Need to Select Volume UOM | |
| source | <element name="VolumeUnit" type="pidx:VolumeUnits">  <annotation>  <documentation>Need to Select Volume UOM</documentation>  </annotation> </element> |

element **WeightUnit**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:WeightUnits**](#Link070AD8E0) |
| properties | |  |  | | --- | --- | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**Engine**](#Link07231018) | | complexTypes | [**MaxFillLevels**](#Link0725C360)[**VechicleSpecificationData**](#Link0725BFB0) | |
| facets | |  |  | | --- | --- | | enumeration | LBS | | enumeration | MG | | enumeration | KGS | | enumeration | TON | | enumeration | MTN | | enumeration | LTN | |
| annotation | |  | | --- | | documentation | | Need to Select a Weight UOM | |
| source | <element name="WeightUnit" type="pidx:WeightUnits">  <annotation>  <documentation>Need to Select a Weight UOM</documentation>  </annotation> </element> |

complexType **AgentData**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| children | [**pidx:DocumentType**](#Link07230B68)[**pidx:DocumentIdentifier**](#Link0714CB50)[**pidx:DocumentName**](#Link07230AA0)[**pidx:IssuingAgency**](#Link07276990)[**pidx:RenewalDate**](#Link072768C8)[**pidx:ExpireDate**](#Link07276738)[**pidx:IssueDate**](#Link07276800) |
| used by | |  |  | | --- | --- | | element | [**AgentDocument**](#Link072765A8) | |
| annotation | |  | | --- | | documentation | | Complex Type for Driver Training and License Data | |
| source | <complexType name="AgentData">  <annotation>  <documentation>Complex Type for Driver Training and License Data</documentation>  </annotation>  <sequence>  <element ref="pidx:DocumentType" minOccurs="0">  <annotation>  <documentation>Document Type</documentation>  </annotation>  </element>  <element ref="pidx:DocumentIdentifier"/>  <element ref="pidx:DocumentName" minOccurs="0"/>  <element ref="pidx:IssuingAgency" minOccurs="0"/>  <element ref="pidx:RenewalDate" minOccurs="0"/>  <element ref="pidx:ExpireDate" minOccurs="0"/>  <element ref="pidx:IssueDate" minOccurs="0"/>  </sequence> </complexType> |

complexType **AuthorizationData**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| children | [**pidx:AuthorizedLoad**](#Link0726DEA0)[**pidx:AuthorizingSystem**](#Link0726B6C8)[**pidx:AuthorizationNo**](#Link0726DDD8) |
| used by | |  |  | | --- | --- | | elements | [**Authorization**](#Link0726B218)[**DetailAuthorization**](#Link0726B2E0) | |
| annotation | |  | | --- | | documentation | | Authorization Structure | |
| source | <complexType name="AuthorizationData">  <annotation>  <documentation>Authorization Structure</documentation>  </annotation>  <sequence>  <element ref="pidx:AuthorizedLoad"/>  <element ref="pidx:AuthorizingSystem" minOccurs="0"/>  <element ref="pidx:AuthorizationNo" minOccurs="0"/>  </sequence> </complexType> |

complexType **AuthRequestData**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| children | [**pidx:AuthParties**](#Link0726E288)[**pidx:AuthTransport**](#Link0726DF68)[**pidx:Location**](#Link0725A208)[**pidx:PlannedLifting**](#Link07242398) |
| used by | |  |  | | --- | --- | | element | [**AuthRequests**](#Link07276E40) | |
| annotation | |  | | --- | | documentation | | Container for Authorization Request | |
| source | <complexType name="AuthRequestData">  <annotation>  <documentation>Container for Authorization Request</documentation>  </annotation>  <sequence>  <element ref="pidx:AuthParties"/>  <element ref="pidx:AuthTransport"/>  <element ref="pidx:Location"/>  <element ref="pidx:PlannedLifting"/>  </sequence> </complexType> |

complexType **AuthResponseData**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| children | [**pidx:AuthParties**](#Link0726E288)[**pidx:ResponseInfo**](#Link0716AC80)[**pidx:ProductList**](#Link07243C98)[**pidx:OrderInfo**](#Link07232780) |
| used by | |  |  | | --- | --- | | element | [**AuthResponses**](#Link072772F0) | |
| annotation | |  | | --- | | documentation | | Container for Authorization Responses | |
| source | <complexType name="AuthResponseData">  <annotation>  <documentation>Container for Authorization Responses</documentation>  </annotation>  <sequence>  <element ref="pidx:AuthParties"/>  <element ref="pidx:ResponseInfo"/>  <element ref="pidx:ProductList" minOccurs="0" maxOccurs="unbounded"/>  <element ref="pidx:OrderInfo" minOccurs="0"/>  </sequence> </complexType> |

complexType **DensityType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | extension of [**pidx:MeasurementBaseClass**](#Link07278190) |
| properties | |  |  | | --- | --- | | base | pidx:MeasurementBaseClass | |
| children | [**pidx:MeasurementType**](#Link072739E8)[**pidx:MeasurementQualifier**](#Link0725B720)[**pidx:MeasurementReference**](#Link0725B7E8)[**pidx:Quantity**](#Link0725B978)[**pidx:Unit**](#Link07273D08) |
| used by | |  |  | | --- | --- | | element | [**Density**](#Link07273DD0) | |
| source | <complexType name="DensityType">  <complexContent>  <extension base="pidx:MeasurementBaseClass">  <sequence>  <element name="MeasurementType" type="pidx:MeasurementTypeEnum"/>  <element ref="pidx:MeasurementQualifier"/>  <element ref="pidx:MeasurementReference" minOccurs="0"/>  <element ref="pidx:Quantity"/>  <element name="Unit" type="pidx:DensityUnits"/>  </sequence>  </extension>  </complexContent> </complexType> |

element **DensityType/MeasurementType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:MeasurementTypeEnum**](#Link072ED360) |
| properties | |  |  | | --- | --- | | isRef | 0 | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**MeasurementComplexType**](#Link07277FB8) | |
| facets | |  |  | | --- | --- | | enumeration | MeasuredinAir | | enumeration | MeasuredInVacuum | | enumeration | Calculated | | enumeration | Ordered | | enumeration | TableLookup | |
| source | <element name="MeasurementType" type="pidx:MeasurementTypeEnum"/> |

element **DensityType/Unit**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:DensityUnits**](#Link070AD788) |
| properties | |  |  | | --- | --- | | isRef | 0 | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**TaxDetail**](#Link0716FFA0) | | complexType | [**MeasurementComplexType**](#Link07277FB8) | |
| facets | |  |  | | --- | --- | | enumeration | KGL | | enumeration | KGM | | enumeration | PGA | |
| source | <element name="Unit" type="pidx:DensityUnits"/> |

complexType **DocumentBaseClass**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| used by | |  |  | | --- | --- | | element | [**OrderInfo**](#Link07232780) | | complexTypes | [**LoadDocumentType**](#Link07261DD8)[**PostingData**](#Link07176FE0) | |
| annotation | |  | | --- | | documentation | | Represents the Base Class for RTL Response of Posting or PM Doc | |
| source | <complexType name="DocumentBaseClass">  <annotation>  <documentation>Represents the Base Class for RTL Response of Posting or PM Doc</documentation>  </annotation> </complexType> |

complexType **DocumentData**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| children | [**pidx:DocumentIdentifier**](#Link0714CB50)[**pidx:DocumentType**](#Link07230B68)[**pidx:DocumentName**](#Link07230AA0)[**pidx:IssuedDate**](#Link0722F4C8)[**pidx:RevisionNumber**](#Link0716E9C0)[**pidx:PostingSegment**](#Link07243720)[**pidx:BOLType**](#Link0714CCE0)[**pidx:VersionConversion**](#Link0714CC18) |
| used by | |  |  | | --- | --- | | elements | [**DetailPostingReference**](#Link0714AF30)[**PostingReference**](#Link07243590) | |
| annotation | |  | | --- | | documentation | | Document Data | |
| source | <complexType name="DocumentData">  <annotation>  <documentation>Document Data</documentation>  </annotation>  <sequence>  <element ref="pidx:DocumentIdentifier"/>  <element ref="pidx:DocumentType" minOccurs="0"/>  <element ref="pidx:DocumentName" minOccurs="0"/>  <element ref="pidx:IssuedDate" minOccurs="0"/>  <element ref="pidx:RevisionNumber" minOccurs="0"/>  <element ref="pidx:PostingSegment" minOccurs="0"/>  <element ref="pidx:BOLType" minOccurs="0"/>  <element ref="pidx:VersionConversion" minOccurs="0">  <annotation>  <documentation>Converted From PIDX Version Indicated in string</documentation>  </annotation>  </element>  </sequence> </complexType> |

complexType **EquipmentData**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| used by | |  |  | | --- | --- | | complexTypes | [**RailDefinition**](#Link0717C600)[**TruckDefinition**](#Link0717C078) | |
| source | <complexType name="EquipmentData"/> |

complexType **GeoLocation**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| children | [**pidx:Latitude**](#Link0722EB68)[**pidx:Longitude**](#Link0722EC30)[**pidx:GeoFence**](#Link0722EDC0)[**pidx:GeoFenceUnit**](#Link0722ECF8) |
| used by | |  |  | | --- | --- | | element | [**PartnerLocation**](#Link07233A40) | |
| annotation | |  | | --- | | documentation | | Structure for Point Location Data | |
| source | <complexType name="GeoLocation">  <annotation>  <documentation>Structure for Point Location Data</documentation>  </annotation>  <sequence>  <element ref="pidx:Latitude"/>  <element ref="pidx:Longitude"/>  <element ref="pidx:GeoFence" minOccurs="0"/>  <element ref="pidx:GeoFenceUnit" minOccurs="0"/>  </sequence> </complexType> |

complexType **GravityType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | extension of [**pidx:MeasurementBaseClass**](#Link07278190) |
| properties | |  |  | | --- | --- | | base | pidx:MeasurementBaseClass | |
| children | [**pidx:MeasurementType**](#Link07273E98)[**pidx:MeasurementReference**](#Link0725B7E8)[**pidx:MeasurementQualifier**](#Link0725B720)[**pidx:Quantity**](#Link0725B978)[**pidx:Unit**](#Link072741B8) |
| used by | |  |  | | --- | --- | | element | [**Gravity**](#Link07274280) | |
| source | <complexType name="GravityType">  <complexContent>  <extension base="pidx:MeasurementBaseClass">  <sequence>  <element name="MeasurementType" type="pidx:MeasurementTypeEnum"/>  <element ref="pidx:MeasurementReference" minOccurs="0"/>  <element ref="pidx:MeasurementQualifier"/>  <element ref="pidx:Quantity"/>  <element name="Unit" type="pidx:GravityUnits"/>  </sequence>  </extension>  </complexContent> </complexType> |

element **GravityType/MeasurementType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:MeasurementTypeEnum**](#Link072ED360) |
| properties | |  |  | | --- | --- | | isRef | 0 | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**MeasurementComplexType**](#Link07277FB8) | |
| facets | |  |  | | --- | --- | | enumeration | MeasuredinAir | | enumeration | MeasuredInVacuum | | enumeration | Calculated | | enumeration | Ordered | | enumeration | TableLookup | |
| source | <element name="MeasurementType" type="pidx:MeasurementTypeEnum"/> |

element **GravityType/Unit**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:GravityUnits**](#Link072ED0B0) |
| properties | |  |  | | --- | --- | | isRef | 0 | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**TaxDetail**](#Link0716FFA0) | | complexType | [**MeasurementComplexType**](#Link07277FB8) | |
| facets | |  |  | | --- | --- | | enumeration | API | | enumeration | SG | |
| source | <element name="Unit" type="pidx:GravityUnits"/> |

complexType **LoadDocumentType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | extension of [**pidx:DocumentBaseClass**](#Link07261FB0) |
| properties | |  |  | | --- | --- | | base | pidx:DocumentBaseClass | |
| children | [**pidx:DocumentHeader**](#Link0714B250)[**pidx:DocumentLineItems**](#Link07404F30)[**pidx:LoadPlan**](#Link07409AF8) |
| used by | |  |  | | --- | --- | | element | [**Document**](#Link0714C448) | |
| annotation | |  | | --- | | documentation | | Complex Class for Planned Movement | |
| source | <complexType name="LoadDocumentType">  <annotation>  <documentation>Complex Class for Planned Movement</documentation>  </annotation>  <complexContent>  <extension base="pidx:DocumentBaseClass">  <annotation>  <documentation>Complex Class for Planned Movement</documentation>  </annotation>  <sequence>  <element ref="pidx:DocumentHeader"/>  <element ref="pidx:DocumentLineItems" minOccurs="0"/>  <element ref="pidx:LoadPlan" minOccurs="0"/>  </sequence>  </extension>  </complexContent> </complexType> |

complexType **LoadPlanInfo**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| children | [**pidx:Company**](#Link0726EA58)[**pidx:ConfiguredVehicle**](#Link07149F90)[**pidx:Engine**](#Link07231018)[**pidx:Agent**](#Link072759F0)[**pidx:LoadingPlanParts**](#Link07403950) |
| used by | |  |  | | --- | --- | | element | [**LoadPlan**](#Link07409AF8) | |
| source | <complexType name="LoadPlanInfo">  <sequence>  <element ref="pidx:Company" minOccurs="0"/>  <element ref="pidx:ConfiguredVehicle" minOccurs="0"/>  <element ref="pidx:Engine" minOccurs="0"/>  <element ref="pidx:Agent" minOccurs="0" maxOccurs="4"/>  <element ref="pidx:LoadingPlanParts" minOccurs="0"/>  </sequence> </complexType> |

complexType **MaxFillLevels**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| children | [**pidx:MaxVolume**](#Link0722E140)[**pidx:VolumeUnit**](#Link0722E208)[**pidx:MaxWeight**](#Link0722E2D0)[**pidx:WeightUnit**](#Link0722E398) |
| used by | |  |  | | --- | --- | | elements | [**CompartmentSpecification**](#Link07404E68)[**MaxAmounts**](#Link072317E8) | |
| annotation | |  | | --- | | documentation | | Used to specify Max Fill levels for a compartment or loadingPart or Configured vehicle. | |
| source | <complexType name="MaxFillLevels">  <annotation>  <documentation>Used to specify Max Fill levels for a compartment or loadingPart or Configured vehicle.</documentation>  </annotation>  <sequence>  <element ref="pidx:MaxVolume" minOccurs="0"/>  <element ref="pidx:VolumeUnit" minOccurs="0"/>  <element ref="pidx:MaxWeight" minOccurs="0"/>  <element ref="pidx:WeightUnit" minOccurs="0"/>  </sequence> </complexType> |

complexType **MeasurementBaseClass**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| used by | |  |  | | --- | --- | | complexTypes | [**DensityType**](#Link07277DE0)[**GravityType**](#Link07277C08)[**MeasurementComplexType**](#Link07277FB8)[**MixPercentageType**](#Link07277858)[**NoQuantityType**](#Link07165FE0)[**PressureType**](#Link0730B988)[**ProductWeightType**](#Link0730BB60)[**TemperatureType**](#Link07277A30)[**VolumeType**](#Link07165E08) | |
| annotation | |  | | --- | | documentation | | Base class from which to derive all others. Just a reference class, nothing is in it. | |
| source | <complexType name="MeasurementBaseClass">  <annotation>  <documentation>Base class from which to derive all others. Just a reference class, nothing is in it.</documentation>  </annotation> </complexType> |

complexType **MeasurementComplexType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | extension of [**pidx:MeasurementBaseClass**](#Link07278190) |
| properties | |  |  | | --- | --- | | base | pidx:MeasurementBaseClass | |
| children | [**pidx:MeasurementType**](#Link0725B658)[**pidx:MeasurementReference**](#Link0725B7E8)[**pidx:MeasurementQualifier**](#Link0725B720)[**pidx:UnitQualifier**](#Link0725B8B0)[**pidx:Quantity**](#Link0725B978)[**pidx:Unit**](#Link0725BA40) |
| used by | |  |  | | --- | --- | | element | [**Measurement**](#Link0725B590) | |
| source | <complexType name="MeasurementComplexType">  <complexContent>  <extension base="pidx:MeasurementBaseClass">  <sequence>  <element ref="pidx:MeasurementType"/>  <element ref="pidx:MeasurementReference" minOccurs="0"/>  <element ref="pidx:MeasurementQualifier"/>  <element ref="pidx:UnitQualifier"/>  <element ref="pidx:Quantity"/>  <element ref="pidx:Unit"/>  </sequence>  </extension>  </complexContent> </complexType> |

complexType **MixPercentageType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | extension of [**pidx:MeasurementBaseClass**](#Link07278190) |
| properties | |  |  | | --- | --- | | base | pidx:MeasurementBaseClass | |
| children | [**pidx:MeasurementType**](#Link07274668)[**pidx:Quantity**](#Link0725B978)[**pidx:Unit**](#Link072747F8) |
| used by | |  |  | | --- | --- | | element | [**MixPercentage**](#Link072748C0) | |
| source | <complexType name="MixPercentageType">  <complexContent>  <extension base="pidx:MeasurementBaseClass">  <sequence>  <element name="MeasurementType" type="pidx:MeasurementTypeEnum"/>  <element ref="pidx:Quantity"/>  <element name="Unit" type="pidx:RatioUnits"/>  </sequence>  </extension>  </complexContent> </complexType> |

element **MixPercentageType/MeasurementType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:MeasurementTypeEnum**](#Link072ED360) |
| properties | |  |  | | --- | --- | | isRef | 0 | | content | simple | |
| used by | |  |  | | --- | --- | | complexType | [**MeasurementComplexType**](#Link07277FB8) | |
| facets | |  |  | | --- | --- | | enumeration | MeasuredinAir | | enumeration | MeasuredInVacuum | | enumeration | Calculated | | enumeration | Ordered | | enumeration | TableLookup | |
| source | <element name="MeasurementType" type="pidx:MeasurementTypeEnum"/> |

element **MixPercentageType/Unit**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:RatioUnits**](#Link072ED208) |
| properties | |  |  | | --- | --- | | isRef | 0 | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**TaxDetail**](#Link0716FFA0) | | complexType | [**MeasurementComplexType**](#Link07277FB8) | |
| facets | |  |  | | --- | --- | | enumeration | EA | | enumeration | RAT | | enumeration | PPM | |
| source | <element name="Unit" type="pidx:RatioUnits"/> |

complexType **MOTBaseClass**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| annotation | |  | | --- | | documentation | | Base Clase for Mot Data | |
| source | <complexType name="MOTBaseClass">  <annotation>  <documentation>Base Clase for Mot Data</documentation>  </annotation> </complexType> |

complexType **NoQuantityType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | extension of [**pidx:MeasurementBaseClass**](#Link07278190) |
| properties | |  |  | | --- | --- | | base | pidx:MeasurementBaseClass | |
| used by | |  |  | | --- | --- | | element | [**NoQuantity**](#Link07275220) | |
| annotation | |  | | --- | | documentation | | Complex Type derived from MeasurementBaseClass | |
| source | <complexType name="NoQuantityType">  <annotation>  <documentation>Complex Type derived from MeasurementBaseClass</documentation>  </annotation>  <complexContent>  <extension base="pidx:MeasurementBaseClass"/>  </complexContent> </complexType> |

complexType **OnBoardDefinition**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| children | [**pidx:ProductIdentifiers**](#Link07172DB8)[**pidx:Measurements**](#Link0725B400) |
| used by | |  |  | | --- | --- | | elements | [**LeftOnBoard**](#Link07404C10)[**PriorToLoad**](#Link07404CD8) | |
| source | <complexType name="OnBoardDefinition">  <sequence>  <element ref="pidx:ProductIdentifiers" minOccurs="0" maxOccurs="unbounded"/>  <element ref="pidx:Measurements" minOccurs="0"/>  </sequence> </complexType> |

complexType **PartnerInformation**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| children | [**pidx:PartnerName**](#Link07233B08)[**pidx:PartnerIdentifier**](#Link07232AA0)[**pidx:Agency**](#Link07275928)[**pidx:ContactName**](#Link0714A698)[**pidx:ContactNumber**](#Link0714A760)[**pidx:ContactEmail**](#Link0714A5D0)[**pidx:AddressLine**](#Link07275860)[**pidx:CityName**](#Link0726E990)[**pidx:County**](#Link0714AC10)[**pidx:StateOrProvince**](#Link0716F708)[**pidx:PostalCode**](#Link072429D8)[**pidx:PostalCountry**](#Link07242AA0)[**pidx:URL**](#Link07171008)[**pidx:SalesOrganization**](#Link07233D60)[**pidx:SalesDivision**](#Link07241FB0)[**pidx:DistributionChannel**](#Link07233E28)[**pidx:PartnerExciseNumber**](#Link07242140)[**pidx:PartnerVATNumber**](#Link07242078)[**pidx:PartnerLocation**](#Link07233A40) |
| used by | |  |  | | --- | --- | | elements | [**Company**](#Link0726EA58)[**Exporter**](#Link074066A0)[**Guarantor**](#Link074085E0)[**RailParty**](#Link07174140) | | complexType | [**PartnerRoleInformation**](#Link0725DB58) | |
| annotation | |  | | --- | | documentation | | Complex Type Containing Information on a Partner | |
| source | <complexType name="PartnerInformation">  <annotation>  <documentation>Complex Type Containing Information on a Partner</documentation>  </annotation>  <sequence>  <element ref="pidx:PartnerName" minOccurs="0"/>  <element ref="pidx:PartnerIdentifier" minOccurs="0"/>  <element ref="pidx:Agency" minOccurs="0">  <annotation>  <documentation>Agency Owning Partner ID - For Customer Reference Data this is PIDX Co Code, for Market Master its the ID Issuer.</documentation>  </annotation>  </element>  <element ref="pidx:ContactName" minOccurs="0"/>  <element ref="pidx:ContactNumber" minOccurs="0"/>  <element ref="pidx:ContactEmail" minOccurs="0"/>  <element ref="pidx:AddressLine" minOccurs="0"/>  <element ref="pidx:CityName" minOccurs="0"/>  <element ref="pidx:County" minOccurs="0"/>  <element ref="pidx:StateOrProvince" minOccurs="0"/>  <element ref="pidx:PostalCode" minOccurs="0"/>  <element ref="pidx:PostalCountry" minOccurs="0"/>  <element ref="pidx:URL" minOccurs="0"/>  <element ref="pidx:SalesOrganization" minOccurs="0"/>  <element ref="pidx:SalesDivision" minOccurs="0"/>  <element ref="pidx:DistributionChannel" minOccurs="0"/>  <element ref="pidx:PartnerExciseNumber" minOccurs="0"/>  <element ref="pidx:PartnerVATNumber" minOccurs="0"/>  <element ref="pidx:PartnerLocation" minOccurs="0"/>  </sequence> </complexType> |

complexType **PartnerRoleInformation**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | extension of [**pidx:PartnerInformation**](#Link0725D980) |
| properties | |  |  | | --- | --- | | base | pidx:PartnerInformation | | mixed | false | |
| children | [**pidx:PartnerName**](#Link07233B08)[**pidx:PartnerIdentifier**](#Link07232AA0)[**pidx:Agency**](#Link07275928)[**pidx:ContactName**](#Link0714A698)[**pidx:ContactNumber**](#Link0714A760)[**pidx:ContactEmail**](#Link0714A5D0)[**pidx:AddressLine**](#Link07275860)[**pidx:CityName**](#Link0726E990)[**pidx:County**](#Link0714AC10)[**pidx:StateOrProvince**](#Link0716F708)[**pidx:PostalCode**](#Link072429D8)[**pidx:PostalCountry**](#Link07242AA0)[**pidx:URL**](#Link07171008)[**pidx:SalesOrganization**](#Link07233D60)[**pidx:SalesDivision**](#Link07241FB0)[**pidx:DistributionChannel**](#Link07233E28)[**pidx:PartnerExciseNumber**](#Link07242140)[**pidx:PartnerVATNumber**](#Link07242078)[**pidx:PartnerLocation**](#Link07233A40)[**pidx:PartnerRoleIndicator**](#Link07233BD0) |
| used by | |  |  | | --- | --- | | elements | [**From**](#Link0722E780)[**Party**](#Link07242208)[**To**](#Link07170900) | |
| annotation | |  | | --- | | documentation | | Complex Type containing Partner Information and PartnerRoleIndicator | |
| source | <complexType name="PartnerRoleInformation" mixed="false">  <annotation>  <documentation>Complex Type containing Partner Information and PartnerRoleIndicator</documentation>  </annotation>  <complexContent mixed="false">  <extension base="pidx:PartnerInformation">  <sequence>  <element ref="pidx:PartnerRoleIndicator" minOccurs="0"/>  </sequence>  </extension>  </complexContent> </complexType> |

complexType **PIDXPlannedMovementReq**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| children | [**pidx:FromSeller**](#Link0726D9F0)[**pidx:PIDXTerminalIdentifier**](#Link07169380)[**pidx:MovementType**](#Link0722E078) |
| used by | |  |  | | --- | --- | | element | [**PlannedMovementRequest**](#Link07169448) | |
| attributes | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Name | Type | Use | Default | Fixed | annotation | | [MajorVersion](#Link0709C268) |  | required |  | 05 | |  | | --- | | documentation | | Major Version - Incremented when New Required Elements are added | | | [MinorVersion](#Link0709C158) |  | optional |  | 02 | |  | | --- | | documentation | | Minor Version - Incremented when New non-required elements are added | | | [FixVersion](#Link0709C2F0) |  | optional |  | 01 | |  | | --- | | documentation | | Fix Version - Incremented when Enumeration Values are added | | |
| annotation | |  | | --- | | documentation | | Contains Request Paramters for Planned Movement Request | |
| source | <complexType name="PIDXPlannedMovementReq">  <annotation>  <documentation>Contains Request Paramters for Planned Movement Request</documentation>  </annotation>  <sequence>  <element ref="pidx:FromSeller" minOccurs="0"/>  <element ref="pidx:PIDXTerminalIdentifier" minOccurs="0"/>  <element ref="pidx:MovementType" minOccurs="0"/>  </sequence>  <attributeGroup ref="pidx:PIDXVersion"/> </complexType> |

complexType **PMMOT**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| children | [**pidx:ScheduleType**](#Link074093F0)[**pidx:MotType**](#Link072325F0)[**pidx:MotSubType**](#Link072326B8)[**pidx:TransportData**](#Link07173D58) |
| used by | |  |  | | --- | --- | | element | [**PlannedModeOfTransport**](#Link07409008) | |
| source | <complexType name="PMMOT">  <sequence>  <element ref="pidx:ScheduleType"/>  <element ref="pidx:MotType"/>  <element ref="pidx:MotSubType" minOccurs="0"/>  <element ref="pidx:TransportData" minOccurs="0">  <annotation>  <documentation>Additional Load Specific Data for MOTType</documentation>  </annotation>  </element>  </sequence> </complexType> |

complexType **PMQuantity**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| children | [**pidx:Volume**](#Link07275158)[**pidx:ProductWeight**](#Link07274E38)[**pidx:NoQuantity**](#Link07275220) |
| used by | |  |  | | --- | --- | | elements | [**CompartmentQuantity**](#Link07402FF0)[**PeriodQuantity**](#Link074030B8)[**PlannedQuantity**](#Link07403180)[**TankDeliveryQuantity**](#Link07402F28) | |
| annotation | |  | | --- | | documentation | | Planned Quantity Complex Type | |
| source | <complexType name="PMQuantity">  <annotation>  <documentation>Planned Quantity Complex Type</documentation>  </annotation>  <choice>  <element ref="pidx:Volume"/>  <element ref="pidx:ProductWeight"/>  <element ref="pidx:NoQuantity"/>  </choice> </complexType> |

complexType **PMResponseBaseClass**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| used by | |  |  | | --- | --- | | element | [**ResponseResult**](#Link0726BAB0) | | complexTypes | [**PMResponseFailedData**](#Link07269850)[**PMResponseSucessData**](#Link07269678) | |
| annotation | |  | | --- | | documentation | | Base Class for Response Data | |
| source | <complexType name="PMResponseBaseClass">  <annotation>  <documentation>Base Class for Response Data</documentation>  </annotation> </complexType> |

complexType **PMResponseBody**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| children | [**pidx:OriginalDocumentIdentifier**](#Link074097D8)[**pidx:DocumentOriginator**](#Link0714C1F0)[**pidx:MovementType**](#Link0722E078)[**pidx:DocumentIdentifier**](#Link0714CB50)[**pidx:PMReceivedDateTime**](#Link0726DC48)[**pidx:ProcessingCompleteDateTime**](#Link0726DD10)[**pidx:ResponseResult**](#Link0726BAB0) |
| used by | |  |  | | --- | --- | | element | [**Response**](#Link0726B9E8) | |
| source | <complexType name="PMResponseBody">  <sequence>  <element ref="pidx:OriginalDocumentIdentifier"/>  <element ref="pidx:DocumentOriginator"/>  <element ref="pidx:MovementType"/>  <element ref="pidx:DocumentIdentifier"/>  <element ref="pidx:PMReceivedDateTime" minOccurs="0"/>  <element ref="pidx:ProcessingCompleteDateTime" minOccurs="0"/>  <element ref="pidx:ResponseResult"/>  </sequence> </complexType> |

complexType **PMResponseComplex**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| children | [**pidx:Header**](#Link0722EE88)[**pidx:Body**](#Link0726B858) |
| attributes | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Name | Type | Use | Default | Fixed | annotation | | [MajorVersion](#Link0709C268) |  | required |  | 05 | |  | | --- | | documentation | | Major Version - Incremented when New Required Elements are added | | | [MinorVersion](#Link0709C158) |  | optional |  | 02 | |  | | --- | | documentation | | Minor Version - Incremented when New non-required elements are added | | | [FixVersion](#Link0709C2F0) |  | optional |  | 01 | |  | | --- | | documentation | | Fix Version - Incremented when Enumeration Values are added | | |
| annotation | |  | | --- | | documentation | | Complex Type Containing Response to Planned Movement Message | |
| source | <complexType name="PMResponseComplex">  <annotation>  <documentation>Complex Type Containing Response to Planned Movement Message</documentation>  </annotation>  <sequence>  <element ref="pidx:Header"/>  <element name="Body">  <complexType>  <sequence>  <element ref="pidx:Response" maxOccurs="unbounded"/>  </sequence>  </complexType>  </element>  </sequence>  <attributeGroup ref="pidx:PIDXVersion"/> </complexType> |

element **PMResponseComplex/Body**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | isRef | 0 | | content | complex | |
| children | [**pidx:Response**](#Link0726B9E8) |
| source | <element name="Body">  <complexType>  <sequence>  <element ref="pidx:Response" maxOccurs="unbounded"/>  </sequence>  </complexType> </element> |

complexType **PMResponseFailedData**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | extension of [**pidx:PMResponseBaseClass**](#Link072694A0) |
| properties | |  |  | | --- | --- | | base | pidx:PMResponseBaseClass | |
| children | [**pidx:FromSeller**](#Link0726D9F0)[**pidx:ErrorIdentifier**](#Link0726CBE0)[**pidx:ErrorClass**](#Link0726CB18)[**pidx:Message**](#Link0726CCA8)[**pidx:LineItemResponses**](#Link0726D860) |
| used by | |  |  | | --- | --- | | element | [**Failed**](#Link0726DB80) | |
| annotation | |  | | --- | | documentation | | Response structure for Failed | |
| source | <complexType name="PMResponseFailedData">  <annotation>  <documentation>Response structure for Failed</documentation>  </annotation>  <complexContent>  <extension base="pidx:PMResponseBaseClass">  <sequence>  <element ref="pidx:FromSeller" minOccurs="0"/>  <element ref="pidx:ErrorIdentifier" minOccurs="0"/>  <element ref="pidx:ErrorClass"/>  <element ref="pidx:Message"/>  <element ref="pidx:LineItemResponses" minOccurs="0"/>  </sequence>  </extension>  </complexContent> </complexType> |

complexType **PMResponseSucessData**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | extension of [**pidx:PMResponseBaseClass**](#Link072694A0) |
| properties | |  |  | | --- | --- | | base | pidx:PMResponseBaseClass | |
| children | [**pidx:FromSeller**](#Link0726D9F0)[**pidx:Message**](#Link0726CCA8)[**pidx:RecipientDocumentIdentifier**](#Link0726DAB8)[**pidx:Authorization**](#Link0726B218)[**pidx:LineItemResponses**](#Link0726D860) |
| used by | |  |  | | --- | --- | | element | [**Success**](#Link0726CA50) | |
| annotation | |  | | --- | | documentation | | Contains structure for Success Response. | |
| source | <complexType name="PMResponseSucessData">  <annotation>  <documentation>Contains structure for Success Response.</documentation>  </annotation>  <complexContent>  <extension base="pidx:PMResponseBaseClass">  <sequence>  <element ref="pidx:FromSeller" minOccurs="0"/>  <element ref="pidx:Message" minOccurs="0"/>  <element ref="pidx:RecipientDocumentIdentifier" minOccurs="0"/>  <element ref="pidx:Authorization" minOccurs="0"/>  <element ref="pidx:LineItemResponses" minOccurs="0"/>  </sequence>  </extension>  </complexContent> </complexType> |

complexType **PostingData**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | extension of [**pidx:DocumentBaseClass**](#Link07261FB0) |
| properties | |  |  | | --- | --- | | base | pidx:DocumentBaseClass | |
| children | [**pidx:ActionCode**](#Link072753B0)[**pidx:PostingType**](#Link072437E8)[**pidx:ShipperData**](#Link07276B20)[**pidx:Authorization**](#Link0726B218)[**pidx:SplitLoading**](#Link0716F4B0)[**pidx:PostingReference**](#Link07243590)[**pidx:DocumentReference**](#Link07230208)[**pidx:References**](#Link0716A258)[**pidx:Partners**](#Link0714ADA0)[**pidx:Activity**](#Link07275478)[**pidx:Location**](#Link0725A208)[**pidx:Transport**](#Link07170C20) |
| used by | |  |  | | --- | --- | | element | [**Posting**](#Link07242B68) | |
| source | <complexType name="PostingData">  <complexContent>  <extension base="pidx:DocumentBaseClass">  <annotation>  <documentation>Complex Type for Posting</documentation>  </annotation>  <sequence>  <element ref="pidx:ActionCode"/>  <element ref="pidx:PostingType">  <annotation>  <documentation>00 - Normal, 01 - Reversal, 02 - Correction, 03 - Return </documentation>  </annotation>  </element>  <element ref="pidx:ShipperData" minOccurs="0"/>  <element ref="pidx:Authorization" minOccurs="0"/>  <element ref="pidx:SplitLoading" minOccurs="0"/>  <element ref="pidx:PostingReference">  <annotation>  <documentation>Data Related to Action Code for BOL Number for Batch Loading a BatchLoading Number will be specified.</documentation>  </annotation>  </element>  <element ref="pidx:DocumentReference" minOccurs="0" maxOccurs="unbounded"/>  <element ref="pidx:References" minOccurs="0"/>  <element ref="pidx:Partners" minOccurs="0"/>  <element ref="pidx:Activity" maxOccurs="unbounded"/>  <element ref="pidx:Location"/>  <element ref="pidx:Transport" minOccurs="0"/>  </sequence>  </extension>  </complexContent> </complexType> |

complexType **PressureType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | extension of [**pidx:MeasurementBaseClass**](#Link07278190) |
| properties | |  |  | | --- | --- | | base | pidx:MeasurementBaseClass | |
| children | [**pidx:MeasurementQualifier**](#Link0725B720)[**pidx:Quantity**](#Link0725B978)[**pidx:Unit**](#Link07274B18) |
| used by | |  |  | | --- | --- | | element | [**Pressure**](#Link07274BE0) | |
| source | <complexType name="PressureType">  <complexContent>  <extension base="pidx:MeasurementBaseClass">  <sequence>  <element ref="pidx:MeasurementQualifier"/>  <element ref="pidx:Quantity"/>  <element name="Unit" type="pidx:PressureUnits"/>  </sequence>  </extension>  </complexContent> </complexType> |

element **PressureType/Unit**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:PressureUnits**](#Link072ECF58) |
| properties | |  |  | | --- | --- | | isRef | 0 | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**TaxDetail**](#Link0716FFA0) | | complexType | [**MeasurementComplexType**](#Link07277FB8) | |
| facets | |  |  | | --- | --- | | enumeration | KPA | | enumeration | BAR | | enumeration | PSI | |
| source | <element name="Unit" type="pidx:PressureUnits"/> |

complexType **ProductData**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| children | [**pidx:ProductIdentifierType**](#Link07172C28)[**pidx:ProductText**](#Link07172CF0)[**pidx:ProductIdentifer**](#Link07173010) |
| used by | |  |  | | --- | --- | | elements | [**Component**](#Link071726B0)[**ProductIdentifers**](#Link07172E80) | |
| annotation | |  | | --- | | documentation | | Complex Type for Product Data | |
| source | <complexType name="ProductData">  <annotation>  <documentation>Complex Type for Product Data</documentation>  </annotation>  <sequence>  <element ref="pidx:ProductIdentifierType"/>  <element ref="pidx:ProductText" minOccurs="0"/>  <element ref="pidx:ProductIdentifer"/>  </sequence> </complexType> |

complexType **ProductDataV1**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| children | [**pidx:ProductIdentifierType**](#Link07172C28)[**pidx:ProductText**](#Link07172CF0)[**pidx:ProductIdentifier**](#Link07172F48) |
| used by | |  |  | | --- | --- | | element | [**ProductIdentifiers**](#Link07172DB8) | |
| annotation | |  | | --- | | documentation | | This was created to fix a spelling error for Planned Movement should be the same as ProductData with the excpetion that ProductIdentifier is spelled correctly. | |
| source | <complexType name="ProductDataV1">  <annotation>  <documentation>This was created to fix a spelling error for Planned Movement should be the same as ProductData with the excpetion that ProductIdentifier is spelled correctly.</documentation>  </annotation>  <sequence>  <element ref="pidx:ProductIdentifierType"/>  <element ref="pidx:ProductText" minOccurs="0"/>  <element ref="pidx:ProductIdentifier"/>  </sequence> </complexType> |

complexType **ProductWeightType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | extension of [**pidx:MeasurementBaseClass**](#Link07278190) |
| properties | |  |  | | --- | --- | | base | pidx:MeasurementBaseClass | |
| children | [**pidx:Quantity**](#Link0725B978)[**pidx:Unit**](#Link07274D70) |
| used by | |  |  | | --- | --- | | element | [**ProductWeight**](#Link07274E38) | |
| source | <complexType name="ProductWeightType">  <complexContent>  <extension base="pidx:MeasurementBaseClass">  <sequence>  <element ref="pidx:Quantity"/>  <element name="Unit" type="pidx:WeightUnits"/>  </sequence>  </extension>  </complexContent> </complexType> |

element **ProductWeightType/Unit**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:WeightUnits**](#Link070AD8E0) |
| properties | |  |  | | --- | --- | | isRef | 0 | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**TaxDetail**](#Link0716FFA0) | | complexType | [**MeasurementComplexType**](#Link07277FB8) | |
| facets | |  |  | | --- | --- | | enumeration | LBS | | enumeration | MG | | enumeration | KGS | | enumeration | TON | | enumeration | MTN | | enumeration | LTN | |
| source | <element name="Unit" type="pidx:WeightUnits"/> |

complexType **QuantityScheduleType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| children | [**pidx:BeginPeriod**](#Link07404760)[**pidx:EndPeriod**](#Link07404828)[**pidx:PeriodQuantity**](#Link074030B8) |
| used by | |  |  | | --- | --- | | element | [**QuantitySchedule**](#Link07404440) | |
| annotation | |  | | --- | | documentation | | Scheduled Quantities by Date | |
| source | <complexType name="QuantityScheduleType">  <annotation>  <documentation>Scheduled Quantities by Date</documentation>  </annotation>  <sequence>  <element ref="pidx:BeginPeriod"/>  <element ref="pidx:EndPeriod"/>  <element ref="pidx:PeriodQuantity"/>  </sequence> </complexType> |

complexType **RailDefinition**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | extension of [**pidx:EquipmentData**](#Link0717BAF0) |
| properties | |  |  | | --- | --- | | base | pidx:EquipmentData | |
| children | [**pidx:RailPartners**](#Link07173FB0)[**pidx:NumberOfRailCars**](#Link071751A8)[**pidx:RailCarType**](#Link07175270)[**pidx:RailCarTypeText**](#Link07175338)[**pidx:RailCarIdentifier**](#Link07175400)[**pidx:ServiceAgreementType**](#Link071754C8)[**pidx:ServiceAgreementNumber**](#Link07175590)[**pidx:Tariff**](#Link07175658)[**pidx:RoutingCodes**](#Link07175720)[**pidx:TrackClass**](#Link071757E8)[**pidx:ConnectingTrack**](#Link071758B0)[**pidx:RailReferences**](#Link07175978) |
| used by | |  |  | | --- | --- | | element | [**Rail**](#Link071750E0) | |
| source | <complexType name="RailDefinition">  <complexContent>  <extension base="pidx:EquipmentData">  <sequence>  <element ref="pidx:RailPartners"/>  <element ref="pidx:NumberOfRailCars" minOccurs="0"/>  <element ref="pidx:RailCarType" minOccurs="0"/>  <element ref="pidx:RailCarTypeText" minOccurs="0"/>  <element ref="pidx:RailCarIdentifier" minOccurs="0"/>  <element ref="pidx:ServiceAgreementType" minOccurs="0"/>  <element ref="pidx:ServiceAgreementNumber" minOccurs="0"/>  <element ref="pidx:Tariff" minOccurs="0"/>  <element ref="pidx:RoutingCodes" minOccurs="0"/>  <element ref="pidx:TrackClass" minOccurs="0"/>  <element ref="pidx:ConnectingTrack" minOccurs="0"/>  <element ref="pidx:RailReferences" minOccurs="0"/>  </sequence>  </extension>  </complexContent> </complexType> |

complexType **RailReferenceDefinition**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| children | [**pidx:RailTextKey**](#Link07402370)[**pidx:RailTextKeySequence**](#Link07402438)[**pidx:RailTextValue**](#Link07402500) |
| used by | |  |  | | --- | --- | | element | [**RailReference**](#Link07175B08) | |
| source | <complexType name="RailReferenceDefinition">  <sequence>  <element ref="pidx:RailTextKey"/>  <element ref="pidx:RailTextKeySequence" minOccurs="0"/>  <element ref="pidx:RailTextValue"/>  </sequence> </complexType> |

complexType **RevisionData**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| children | [**pidx:OriginalDocumentIdentifier**](#Link074097D8)[**pidx:RevisionNumber**](#Link0716E9C0)[**pidx:LastModified**](#Link07409A30)[**pidx:UserName**](#Link07409968) |
| used by | |  |  | | --- | --- | | element | [**Revision**](#Link074098A0) | |
| source | <complexType name="RevisionData">  <sequence>  <element ref="pidx:OriginalDocumentIdentifier" minOccurs="0"/>  <element ref="pidx:RevisionNumber" minOccurs="0"/>  <element ref="pidx:LastModified" minOccurs="0"/>  <element ref="pidx:UserName" minOccurs="0"/>  </sequence> </complexType> |

complexType **SecondaryLoadReferenceCT**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| children | [**pidx:Required**](#Link074028E8)[**pidx:Validated**](#Link074029B0)[**pidx:DisplayList**](#Link07402A78) |
| used by | |  |  | | --- | --- | | element | [**SecondaryLoadReference**](#Link074025C8) | |
| source | <complexType name="SecondaryLoadReferenceCT">  <sequence>  <element ref="pidx:Required"/>  <element ref="pidx:Validated"/>  <element ref="pidx:DisplayList"/>  </sequence> </complexType> |

complexType **TankDeliveryData**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| children | [**pidx:TpuLicense**](#Link07170A90)[**pidx:CompartmentNumber**](#Link07149A18)[**pidx:TankDeliveryQuantity**](#Link07402F28)[**pidx:TankIdentifier**](#Link07408C20)[**pidx:TankCapacity**](#Link07408B58)[**pidx:TankUnit**](#Link07408CE8) |
| used by | |  |  | | --- | --- | | element | [**TankDeliveryDetail**](#Link07408DB0) | |
| source | <complexType name="TankDeliveryData">  <sequence>  <element ref="pidx:TpuLicense"/>  <element ref="pidx:CompartmentNumber"/>  <element ref="pidx:TankDeliveryQuantity"/>  <element ref="pidx:TankIdentifier" minOccurs="0"/>  <element ref="pidx:TankCapacity" minOccurs="0"/>  <element ref="pidx:TankUnit" minOccurs="0"/>  </sequence> </complexType> |

complexType **TemperatureType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | extension of [**pidx:MeasurementBaseClass**](#Link07278190) |
| properties | |  |  | | --- | --- | | base | pidx:MeasurementBaseClass | |
| children | [**pidx:MeasurementQualifier**](#Link0725B720)[**pidx:Quantity**](#Link0725B978)[**pidx:Unit**](#Link072744D8) |
| used by | |  |  | | --- | --- | | element | [**Temperature**](#Link072745A0) | |
| source | <complexType name="TemperatureType">  <complexContent>  <extension base="pidx:MeasurementBaseClass">  <sequence>  <element ref="pidx:MeasurementQualifier"/>  <element ref="pidx:Quantity"/>  <element name="Unit" type="pidx:TemperatureUnits"/>  </sequence>  </extension>  </complexContent> </complexType> |

element **TemperatureType/Unit**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:TemperatureUnits**](#Link070AD630) |
| properties | |  |  | | --- | --- | | isRef | 0 | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**TaxDetail**](#Link0716FFA0) | | complexType | [**MeasurementComplexType**](#Link07277FB8) | |
| facets | |  |  | | --- | --- | | enumeration | C | | enumeration | F | |
| source | <element name="Unit" type="pidx:TemperatureUnits"/> |

complexType **TruckDefinition**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | extension of [**pidx:EquipmentData**](#Link0717BAF0) |
| properties | |  |  | | --- | --- | | base | pidx:EquipmentData | |
| children | [**pidx:Agents**](#Link071742D0)[**pidx:ConfiguredVehicles**](#Link07149E00) |
| used by | |  |  | | --- | --- | | element | [**Truck**](#Link071746B8) | |
| annotation | |  | | --- | | documentation | | Complex Type for Truck | |
| source | <complexType name="TruckDefinition">  <annotation>  <documentation>Complex Type for Truck</documentation>  </annotation>  <complexContent>  <extension base="pidx:EquipmentData">  <sequence>  <element name="Agents" minOccurs="0">  <complexType>  <sequence>  <element ref="pidx:Agent" maxOccurs="10"/>  </sequence>  </complexType>  </element>  <element ref="pidx:ConfiguredVehicles" minOccurs="0"/>  </sequence>  </extension>  </complexContent> </complexType> |

element **TruckDefinition/Agents**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| properties | |  |  | | --- | --- | | isRef | 0 | | minOcc | 0 | | maxOcc | 1 | | content | complex | |
| children | [**pidx:Agent**](#Link072759F0) |
| source | <element name="Agents" minOccurs="0">  <complexType>  <sequence>  <element ref="pidx:Agent" maxOccurs="10"/>  </sequence>  </complexType> </element> |

complexType **VechicleSpecificationData**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| children | [**pidx:MaxAmounts**](#Link072317E8)[**pidx:UnladenWeight**](#Link0722E460)[**pidx:WeightUnit**](#Link0722E398) |
| used by | |  |  | | --- | --- | | element | [**EquipmentSpecification**](#Link0722E5F0) | |
| annotation | |  | | --- | | documentation | | LoadingPart or Vehicle Specification with Tare Weight | |
| source | <complexType name="VechicleSpecificationData">  <annotation>  <documentation>LoadingPart or Vehicle Specification with Tare Weight</documentation>  </annotation>  <sequence>  <element ref="pidx:MaxAmounts" minOccurs="0"/>  <element ref="pidx:UnladenWeight" minOccurs="0"/>  <element ref="pidx:WeightUnit" minOccurs="0"/>  </sequence> </complexType> |

complexType **VolumeType**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | extension of [**pidx:MeasurementBaseClass**](#Link07278190) |
| properties | |  |  | | --- | --- | | base | pidx:MeasurementBaseClass | |
| children | [**pidx:MeasurementQualifier**](#Link07274F00)[**pidx:Quantity**](#Link0725B978)[**pidx:Unit**](#Link07275090) |
| used by | |  |  | | --- | --- | | element | [**Volume**](#Link07275158) | |
| source | <complexType name="VolumeType">  <complexContent>  <extension base="pidx:MeasurementBaseClass">  <sequence>  <element name="MeasurementQualifier" type="pidx:MeasurementQualifierEnum"/>  <element ref="pidx:Quantity"/>  <element name="Unit" type="pidx:VolumeUnits"/>  </sequence>  </extension>  </complexContent> </complexType> |

element **VolumeType/MeasurementQualifier**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:MeasurementQualifierEnum**](#Link0724E668) |
| properties | |  |  | | --- | --- | | isRef | 0 | | content | simple | |
| used by | |  |  | | --- | --- | | complexTypes | [**DensityType**](#Link07277DE0)[**GravityType**](#Link07277C08)[**MeasurementComplexType**](#Link07277FB8)[**PressureType**](#Link0730B988)[**TemperatureType**](#Link07277A30) | |
| facets | |  |  | | --- | --- | | enumeration | Ambient | | enumeration | Standard | |
| source | <element name="MeasurementQualifier" type="pidx:MeasurementQualifierEnum"/> |

element **VolumeType/Unit**

|  |  |
| --- | --- |
| diagram |  |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:VolumeUnits**](#Link070ADA38) |
| properties | |  |  | | --- | --- | | isRef | 0 | | content | simple | |
| used by | |  |  | | --- | --- | | element | [**TaxDetail**](#Link0716FFA0) | | complexType | [**MeasurementComplexType**](#Link07277FB8) | |
| facets | |  |  | | --- | --- | | enumeration | LTR | | enumeration | ML | | enumeration | OZ | | enumeration | GAL | | enumeration | IGL | | enumeration | BBL | | enumeration | KB | | enumeration | CBM | | enumeration | HLT | |
| source | <element name="Unit" type="pidx:VolumeUnits"/> |

simpleType **ActionCodeEnum**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**ActionCode**](#Link072753B0) | |
| facets | |  |  | | --- | --- | | enumeration | Loading | | enumeration | BatchLoading | | enumeration | Delivery | | enumeration | Unload | | enumeration | Stockresult | | enumeration | Inventory | | enumeration | Transfers | | enumeration | Orders | | enumeration | ShipmentOrder | | enumeration | Contract | | enumeration | LoadID | | enumeration | Nomination | | enumeration | SalesOrder | |
| annotation | |  | | --- | | documentation | | Action Code list for Loading Delivery Type | |
| source | <simpleType name="ActionCodeEnum">  <annotation>  <documentation>Action Code list for Loading Delivery Type</documentation>  </annotation>  <restriction base="string">  <enumeration value="Loading">  <annotation>  <documentation>Actual Loading or BOL information Contained in Document- Single BOL data so PostingRefernce will contain BOL data. In BatchLoading BOL number data is reference in detail section.</documentation>  </annotation>  </enumeration>  <enumeration value="BatchLoading">  <annotation>  <documentation>BatchLoaing - Used for LoadID loading - BOL Numbers appear in Detail section along with potential consignee and seller information.</documentation>  </annotation>  </enumeration>  <enumeration value="Delivery">  <annotation>  <documentation>BOL Data based on Shipment or Delivery</documentation>  </annotation>  </enumeration>  <enumeration value="Unload">  <annotation>  <documentation>Unloading of Product</documentation>  </annotation>  </enumeration>  <enumeration value="Stockresult">  <annotation>  <documentation>Need Definition ??</documentation>  </annotation>  </enumeration>  <enumeration value="Inventory">  <annotation>  <documentation>Need Definition ??</documentation>  </annotation>  </enumeration>  <enumeration value="Transfers">  <annotation>  <documentation>Need Definition ??</documentation>  </annotation>  </enumeration>  <enumeration value="Orders">  <annotation>  <documentation>Posting Section Contains an Order, not Actuals - Buyer Order against Contract</documentation>  </annotation>  </enumeration>  <enumeration value="ShipmentOrder">  <annotation>  <documentation>Shipment Order is related to Delivery Business from a Supplier</documentation>  </annotation>  </enumeration>  <enumeration value="Contract"/>  <enumeration value="LoadID"/>  <enumeration value="Nomination"/>  <enumeration value="SalesOrder">  <annotation>  <documentation>Seller Order Number</documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **ActivityTypeEnum**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**ActivityType**](#Link07275798) | |
| facets | |  |  | | --- | --- | | enumeration | ArchiveDate | | enumeration | BookStart | | enumeration | BookEnd | | enumeration | BayIn | | enumeration | BayOut | | enumeration | DocPrint | | enumeration | EndLoad | | enumeration | EstDeliveryStart | | enumeration | EstDeliveryEnd | | enumeration | EstPickupDate | | enumeration | EstStartLoad | | enumeration | ExpireDate | | enumeration | GateIn | | enumeration | GateOut | | enumeration | Staging | | enumeration | StartLoad | | enumeration | ValidDate | | enumeration | WeighIn | | enumeration | WeightOut | |
| annotation | |  | | --- | | documentation | | Date Activity Enumeration Definitions | |
| source | <simpleType name="ActivityTypeEnum">  <annotation>  <documentation>Date Activity Enumeration Definitions</documentation>  </annotation>  <restriction base="string">  <enumeration value="ArchiveDate">  <annotation>  <documentation>Date the Planned Movement document should be removed from the TAS or DCH.</documentation>  </annotation>  </enumeration>  <enumeration value="BookStart">  <annotation>  <documentation>Used for TAS Systems which support Booking a Loading Time</documentation>  </annotation>  </enumeration>  <enumeration value="BookEnd">  <annotation>  <documentation>Used for TAS Systems which support Booking a Loading Time</documentation>  </annotation>  </enumeration>  <enumeration value="BayIn">  <annotation>  <documentation>Time Truck drives into the loading bay</documentation>  </annotation>  </enumeration>  <enumeration value="BayOut">  <annotation>  <documentation>Time Logged for Leaving the loading bay</documentation>  </annotation>  </enumeration>  <enumeration value="DocPrint">  <annotation>  <documentation>Time the document was printed</documentation>  </annotation>  </enumeration>  <enumeration value="EndLoad">  <annotation>  <documentation>End of Loading Time stamp - Used for Billing</documentation>  </annotation>  </enumeration>  <enumeration value="EstDeliveryStart">  <annotation>  <documentation>Estimated Delivery Start Date for Trip</documentation>  </annotation>  </enumeration>  <enumeration value="EstDeliveryEnd">  <annotation>  <documentation>Estimated Delivery Completed Date</documentation>  </annotation>  </enumeration>  <enumeration value="EstPickupDate">  <annotation>  <documentation>Estimated Pickup Terminal Pickup Date and Time</documentation>  </annotation>  </enumeration>  <enumeration value="EstStartLoad"/>  <enumeration value="ExpireDate">  <annotation>  <documentation>Expiration time stamp of Order or Shipment</documentation>  </annotation>  </enumeration>  <enumeration value="GateIn">  <annotation>  <documentation>Gate Entry Time stamp</documentation>  </annotation>  </enumeration>  <enumeration value="GateOut">  <annotation>  <documentation>Gate Exit Time stamp</documentation>  </annotation>  </enumeration>  <enumeration value="Staging">  <annotation>  <documentation>Time Staging started</documentation>  </annotation>  </enumeration>  <enumeration value="StartLoad">  <annotation>  <documentation>Start of Loading Time stamp</documentation>  </annotation>  </enumeration>  <enumeration value="ValidDate">  <annotation>  <documentation>Validate Until Date Time of Order or Shipment</documentation>  </annotation>  </enumeration>  <enumeration value="WeighIn">  <annotation>  <documentation>Weigh Bridge Scale Start</documentation>  </annotation>  </enumeration>  <enumeration value="WeightOut">  <annotation>  <documentation>Weigh Bridge End Time</documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **AgentTypeEnum**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**AgentType**](#Link07276670) | |
| facets | |  |  | | --- | --- | | enumeration | DeliveryAgent | | enumeration | LoadingAgent | |
| annotation | |  | | --- | | documentation | | Driver Type Definitions | |
| source | <simpleType name="AgentTypeEnum">  <annotation>  <documentation>Driver Type Definitions</documentation>  </annotation>  <restriction base="string">  <enumeration value="DeliveryAgent"/>  <enumeration value="LoadingAgent"/>  </restriction> </simpleType> |

simpleType **BlockValues**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**BlockIndicator**](#Link0714C5D8) | |
| facets | |  |  | | --- | --- | | enumeration | Blocked | | enumeration | Unblocked | |
| source | <simpleType name="BlockValues">  <restriction base="string">  <enumeration value="Blocked"/>  <enumeration value="Unblocked"/>  </restriction> </simpleType> |

simpleType **BOLTypeEnum**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**BOLType**](#Link0714CCE0) | |
| facets | |  |  | | --- | --- | | enumeration | Product | | enumeration | Compartment | | enumeration | Delivery | |
| annotation | |  | | --- | | documentation | | Type of BOLs | |
| source | <simpleType name="BOLTypeEnum">  <annotation>  <documentation>Type of BOLs</documentation>  </annotation>  <restriction base="string">  <enumeration value="Product"/>  <enumeration value="Compartment"/>  <enumeration value="Delivery"/>  </restriction> </simpleType> |

simpleType **CustomsRoleEnum**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | elements | [**PartnerRoleIndicator**](#Link07233BD0)[**Exporter/PartnerRoleIndicator**](#Link07406768) | |
| facets | |  |  | | --- | --- | | enumeration | BorderCrossingPoint | | enumeration | CustomsOffice | | enumeration | Exporter | |
| annotation | |  | | --- | | documentation | | Customs Party Data | |
| source | <simpleType name="CustomsRoleEnum">  <annotation>  <documentation>Customs Party Data</documentation>  </annotation>  <restriction base="string">  <enumeration value="BorderCrossingPoint">  <annotation>  <documentation>Type of Customs Office</documentation>  </annotation>  </enumeration>  <enumeration value="CustomsOffice"/>  <enumeration value="Exporter">  <annotation>  <documentation>Exporter - Assuming Exporting Company Added V5.02</documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **DensityUnits**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | elements | [**DensityType/Unit**](#Link07273D08)[**Unit**](#Link0725BA40) | |
| facets | |  |  | | --- | --- | | enumeration | KGL | | enumeration | KGM | | enumeration | PGA | |
| annotation | |  | | --- | | documentation | | Density UOMs | |
| source | <simpleType name="DensityUnits">  <annotation>  <documentation>Density UOMs</documentation>  </annotation>  <restriction base="string">  <enumeration value="KGL">  <annotation>  <documentation>Density - Kilograms per Liter</documentation>  </annotation>  </enumeration>  <enumeration value="KGM">  <annotation>  <documentation>Density - Kilogram per Cubic Meter</documentation>  </annotation>  </enumeration>  <enumeration value="PGA">  <annotation>  <documentation>Density - Pounds per Gallon </documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **DocumentTypes**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**DocumentReferenceType**](#Link07230C30) | |
| facets | |  |  | | --- | --- | | enumeration | LoadID | | enumeration | Nomination | | enumeration | PurchaseContract | | enumeration | PurchaseOrder | | enumeration | SalesContract | | enumeration | SalesOrder | | enumeration | Shipment | |
| annotation | |  | | --- | | documentation | | DocumentType Definitions | |
| source | <simpleType name="DocumentTypes">  <annotation>  <documentation>DocumentType Definitions</documentation>  </annotation>  <restriction base="string">  <enumeration value="LoadID"/>  <enumeration value="Nomination">  <annotation>  <documentation>Nominations - Support Nominations Added V5.02</documentation>  </annotation>  </enumeration>  <enumeration value="PurchaseContract">  <annotation>  <documentation>Buyer Contract Number</documentation>  </annotation>  </enumeration>  <enumeration value="PurchaseOrder">  <annotation>  <documentation>Buyer or Consignee ERP Purchase Order</documentation>  </annotation>  </enumeration>  <enumeration value="SalesContract">  <annotation>  <documentation>Seller Sales Contract Number</documentation>  </annotation>  </enumeration>  <enumeration value="SalesOrder">  <annotation>  <documentation>Seller Sales Order Information</documentation>  </annotation>  </enumeration>  <enumeration value="Shipment">  <annotation>  <documentation>Shipment Document - ERP System Document</documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **DriverEnteredData**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**DocumentReferenceType**](#Link07230C30) | |
| facets | |  |  | | --- | --- | | enumeration | CustomerReference | |
| annotation | |  | | --- | | documentation | | Contains Enumeration for Driver Entered Text | |
| source | <simpleType name="DriverEnteredData">  <annotation>  <documentation>Contains Enumeration for Driver Entered Text</documentation>  </annotation>  <restriction base="string">  <enumeration value="CustomerReference">  <annotation>  <documentation>Assuming this is the Trip Number</documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **EMCSDestinationEnum**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**DestinationTypeCode**](#Link07407AF0) | |
| facets | |  |  | | --- | --- | | enumeration | 1 | | enumeration | 2 | | enumeration | 3 | | enumeration | 4 | | enumeration | 5 | | enumeration | 6 | | enumeration | 8 | |
| source | <simpleType name="EMCSDestinationEnum">  <restriction base="string">  <enumeration value="1">  <annotation>  <documentation>1 - Tax Warehouse</documentation>  </annotation>  </enumeration>  <enumeration value="2">  <annotation>  <documentation>2 - Registered Consignee</documentation>  </annotation>  </enumeration>  <enumeration value="3">  <annotation>  <documentation>3 - Temporary Registered Consignee</documentation>  </annotation>  </enumeration>  <enumeration value="4">  <annotation>  <documentation>4 - Direct Delivery</documentation>  </annotation>  </enumeration>  <enumeration value="5">  <annotation>  <documentation>5 - Exempted Consignee</documentation>  </annotation>  </enumeration>  <enumeration value="6">  <annotation>  <documentation>6 - Export</documentation>  </annotation>  </enumeration>  <enumeration value="8">  <annotation>  <documentation>8 - Unknown Destination</documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **EMCSGuarantorEnum**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**GuarantorTypeCode**](#Link07407C80) | |
| facets | |  |  | | --- | --- | | enumeration | 0 | | enumeration | 1 | | enumeration | 2 | | enumeration | 3 | | enumeration | 4 | | enumeration | 12 | | enumeration | 13 | | enumeration | 14 | | enumeration | 23 | | enumeration | 24 | | enumeration | 34 | | enumeration | 123 | | enumeration | 124 | | enumeration | 134 | | enumeration | 234 | | enumeration | 1234 | |
| source | <simpleType name="EMCSGuarantorEnum">  <restriction base="string">  <enumeration value="0"/>  <enumeration value="1">  <annotation>  <documentation>1- Consignor</documentation>  </annotation>  </enumeration>  <enumeration value="2">  <annotation>  <documentation>2 - Transporter</documentation>  </annotation>  </enumeration>  <enumeration value="3">  <annotation>  <documentation>3 - Owner</documentation>  </annotation>  </enumeration>  <enumeration value="4">  <annotation>  <documentation>4 - Consignee</documentation>  </annotation>  </enumeration>  <enumeration value="12">  <annotation>  <documentation>12 - Consignor and Transporter</documentation>  </annotation>  </enumeration>  <enumeration value="13">  <annotation>  <documentation>13 - Consignor and Owner</documentation>  </annotation>  </enumeration>  <enumeration value="14">  <annotation>  <documentation>14 - Consignor and Consignee</documentation>  </annotation>  </enumeration>  <enumeration value="23">  <annotation>  <documentation>23 - Transporter and Owner</documentation>  </annotation>  </enumeration>  <enumeration value="24">  <annotation>  <documentation>24 - Transporter and Consignee</documentation>  </annotation>  </enumeration>  <enumeration value="34">  <annotation>  <documentation>34 - Owner and Consignee</documentation>  </annotation>  </enumeration>  <enumeration value="123">  <annotation>  <documentation>123 - Consignor and Transporter and Owner</documentation>  </annotation>  </enumeration>  <enumeration value="124">  <annotation>  <documentation>124 - Consignor and Transporter and Consignee</documentation>  </annotation>  </enumeration>  <enumeration value="134">  <annotation>  <documentation>134 - Consignor and Owner and Consignee</documentation>  </annotation>  </enumeration>  <enumeration value="234">  <annotation>  <documentation>234 - Transporter and Owner and Consignee</documentation>  </annotation>  </enumeration>  <enumeration value="1234">  <annotation>  <documentation>1234 - Consignor and Transporter and Consignee and Owner</documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **EMCSSubmissionMessageEnum**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**SubmissionMessageType**](#Link07407E10) | |
| facets | |  |  | | --- | --- | | enumeration | 1 | | enumeration | 2 | |
| source | <simpleType name="EMCSSubmissionMessageEnum">  <restriction base="string">  <enumeration value="1">  <annotation>  <documentation> 1 = Standard Transmission</documentation>  </annotation>  </enumeration>  <enumeration value="2">  <annotation>  <documentation>2 = Submission for Export with local Clearance</documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **EMCSTransportArrangerEnum**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**TransportArrangerCode**](#Link07407BB8) | |
| facets | |  |  | | --- | --- | | enumeration | 1 | | enumeration | 2 | | enumeration | 3 | | enumeration | 4 | |
| source | <simpleType name="EMCSTransportArrangerEnum">  <restriction base="string">  <enumeration value="1">  <annotation>  <documentation>1 - Consignor</documentation>  </annotation>  </enumeration>  <enumeration value="2">  <annotation>  <documentation>2 - Consignee</documentation>  </annotation>  </enumeration>  <enumeration value="3">  <annotation>  <documentation>3 - Owner</documentation>  </annotation>  </enumeration>  <enumeration value="4">  <annotation>  <documentation>4 - Other</documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **EMCSTransportEnum**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**TransportModeCode**](#Link07407D48) | |
| facets | |  |  | | --- | --- | | enumeration | 0 | | enumeration | 1 | | enumeration | 2 | | enumeration | 3 | | enumeration | 4 | | enumeration | 5 | | enumeration | 7 | | enumeration | 8 | |
| source | <simpleType name="EMCSTransportEnum">  <restriction base="string">  <enumeration value="0">  <annotation>  <documentation>0 - Other</documentation>  </annotation>  </enumeration>  <enumeration value="1">  <annotation>  <documentation>1 - Sea Transport</documentation>  </annotation>  </enumeration>  <enumeration value="2">  <annotation>  <documentation>2 - Rail Transport</documentation>  </annotation>  </enumeration>  <enumeration value="3">  <annotation>  <documentation>3 - Road Transport</documentation>  </annotation>  </enumeration>  <enumeration value="4">  <annotation>  <documentation>4 -Air Transport</documentation>  </annotation>  </enumeration>  <enumeration value="5">  <annotation>  <documentation>5 - Postal Consignment</documentation>  </annotation>  </enumeration>  <enumeration value="7">  <annotation>  <documentation>7 - Fixed Transport Installations</documentation>  </annotation>  </enumeration>  <enumeration value="8">  <annotation>  <documentation>8 - Inland Waterway Transport</documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **EnergyContentUnits**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**Unit**](#Link0725BA40) | |
| facets | |  |  | | --- | --- | | enumeration | MWH | |
| annotation | |  | | --- | | documentation | | EnergyContentUnits | |
| source | <simpleType name="EnergyContentUnits">  <annotation>  <documentation>EnergyContentUnits</documentation>  </annotation>  <restriction base="string">  <enumeration value="MWH">  <annotation>  <documentation>Mega-Watt Hours</documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **ErrorClaseEnum**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**ErrorClass**](#Link0726CB18) | |
| facets | |  |  | | --- | --- | | enumeration | Communications | | enumeration | MasterData | | enumeration | AuthorizationFailed | | enumeration | DocumentRestriction | |
| annotation | |  | | --- | | documentation | | Enumerations for supported Error Types | |
| source | <simpleType name="ErrorClaseEnum">  <annotation>  <documentation>Enumerations for supported Error Types</documentation>  </annotation>  <restriction base="string">  <enumeration value="Communications"/>  <enumeration value="MasterData"/>  <enumeration value="AuthorizationFailed"/>  <enumeration value="DocumentRestriction"/>  </restriction> </simpleType> |

simpleType **FenceUnits**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | [**pidx:LengthUnits**](#Link0724E7C0) |
| used by | |  |  | | --- | --- | | element | [**GeoFenceUnit**](#Link0722ECF8) | |
| facets | |  |  | | --- | --- | | enumeration | FT | | enumeration | YD | | enumeration | M | | enumeration | KM | |
| annotation | |  | | --- | | documentation | | Geo Fence Units | |
| source | <simpleType name="FenceUnits">  <annotation>  <documentation>Geo Fence Units</documentation>  </annotation>  <restriction base="pidx:LengthUnits"/> </simpleType> |

simpleType **GravityUnits**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | elements | [**GravityType/Unit**](#Link072741B8)[**Unit**](#Link0725BA40) | |
| facets | |  |  | | --- | --- | | enumeration | API | | enumeration | SG | |
| annotation | |  | | --- | | documentation | | Gravity UOMs | |
| source | <simpleType name="GravityUnits">  <annotation>  <documentation>Gravity UOMs</documentation>  </annotation>  <restriction base="string">  <enumeration value="API">  <annotation>  <documentation>Gravity - Degrees API </documentation>  </annotation>  </enumeration>  <enumeration value="SG">  <annotation>  <documentation>Specific Gravity</documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **IncoTermEnums**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**Incoterms**](#Link0722F590) | |
| facets | |  |  | | --- | --- | | enumeration | EXW | | enumeration | FCA | | enumeration | CPT | | enumeration | CIP | | enumeration | DAT | | enumeration | DAP | | enumeration | DDP | | enumeration | FAS | | enumeration | FOB | | enumeration | CFR | | enumeration | CIF | | enumeration | DAF | | enumeration | DES | | enumeration | DEQ | | enumeration | DDU | |
| annotation | |  | | --- | | documentation | | Inco Terms | |
| source | <simpleType name="IncoTermEnums">  <annotation>  <documentation>Inco Terms</documentation>  </annotation>  <restriction base="string">  <enumeration value="EXW">  <annotation>  <documentation>EXW – Ex Works (named place of delivery)   The seller makes the goods available at his/her premises. The buyer is responsible for uploading. This term places the maximum obligation on the buyer and minimum obligations on the seller. The Ex Works term is often used when making an initial quotation for the sale of goods without any costs included. EXW means that a seller has the goods ready for collection at his premises (works, factory, warehouse, plant) on the date agreed upon. The buyer pays all transportation costs and also bears the risks for bringing the goods to their final destination. The seller does not load the goods on collecting vehicles and doesn't clear them for export. If the seller does load the goods, he does so at buyer's risk and cost. If parties wish seller to be responsible for the loading of the goods on departure and to bear the risk and all costs of such loading, this must be made clear by adding explicit wording to this effect in the contract of sale..  Added V5.02 </documentation>  </annotation>  </enumeration>  <enumeration value="FCA">  <annotation>  <documentation>FCA – Free Carrier (named place of delivery)   The seller delivers goods, cleared for export, to the buyer-designated carrier at a named location. This is used for any mode of transport. The seller must load goods onto the buyer's carrier. The key document signifying transfer of responsibility is receipt by carrier to exporter.  Added V5.02</documentation>  </annotation>  </enumeration>  <enumeration value="CPT">  <annotation>  <documentation>CPT – Carriage Paid To (named place of destination) The seller pays for carriage. Risk transfers to buyer upon handing goods over to the first carrier at place of shipment in the country of export.   This term is used for all kind of shipments. Added V5.02</documentation>  </annotation>  </enumeration>  <enumeration value="CIP">  <annotation>  <documentation>CIP – Carriage and Insurance Paid to (named place of destination)  The containerized transport/multi-modal equivalent of CIF. Seller pays for carriage and insurance to the named destination point, but risk passes when the goods are handed over to the first carrier. Added V5.02</documentation>  </annotation>  </enumeration>  <enumeration value="DAT">  <annotation>  <documentation>DAT – Delivered at Terminal (named terminal at port or place of destination)  Seller pays for carriage to the terminal, except for costs related to import clearance, and assumes all risks up to the point that the goods are unloaded at the terminal.  Added V5.02</documentation>  </annotation>  </enumeration>  <enumeration value="DAP">  <annotation>  <documentation>DAP – Delivered at Place (named place of destination)  Seller pays for carriage to the named place, except for costs related to import clearance, and assumes all risks prior to the point that the goods are ready for unloading by the buyer.  Added V5.02</documentation>  </annotation>  </enumeration>  <enumeration value="DDP">  <annotation>  <documentation>DDP – Delivered Duty Paid (named place of destination)   Seller is responsible for delivering the goods to the named place in the country of the buyer, and pays all costs in bringing the goods to the destination including import duties and taxes. The seller is not responsible for unloading. This term is often used in place of the non-Incoterm "Free In Store (FIS)". This term places the maximum obligations on the seller and minimum obligations on the buyer. It's called "DDP". Added V5.02 Added V5.02</documentation>  </annotation>  </enumeration>  <enumeration value="FAS">  <annotation>  <documentation>FAS – Free Alongside Ship (named port of shipment) Sea and inland waterway transport Term   The seller must place the goods alongside the ship at the named port. The seller must clear the goods for export. Suitable only for maritime transport but NOT for multi-modal sea transport in containers (see Incoterms 2010, ICC publication 715). This term is typically used for heavy-lift or bulk cargo.  Added V5.02</documentation>  </annotation>  </enumeration>  <enumeration value="FOB">  <annotation>  <documentation>FOB – Free on Board (named port of shipment)  Sea and inland waterway transport Term  The seller must load the goods on board the vessel nominated by the buyer. Cost and risk are divided when the goods are actually on board of the vessel. The seller must clear the goods for export. The term is applicable for maritime and inland waterway transport only but NOT for multi-modal sea transport in containers (see Incoterms 2010, ICC publication 715). The buyer must instruct the seller the details of the vessel and the port where the goods are to be loaded, and there is no reference to, or provision for, the use of a carrier or forwarder. This term has been greatly misused over the last three decades ever since Incoterms 1980 explained that FCA should be used for container shipments.   It means the seller pays for transportation of goods to the port of shipment, loading cost. The buyer pays cost of marine freight transportation, insurance, uploading and transportation cost from the arrival port to destination. The passing of risk occurs when the goods pass the ship's rail at port of shipments.  Added V5.02</documentation>  </annotation>  </enumeration>  <enumeration value="CFR">  <annotation>  <documentation>CFR – Cost and Freight (named port of destination) Sea and inland waterway transport Term  Seller must pay the costs and freight to bring the goods to the port of destination. However, risk is transferred to the buyer once the goods are loaded on the vessel. Insurance for the goods is NOT included. This term is formerly known as CNF. Maritime transport only. Added V5.02 </documentation>  </annotation>  </enumeration>  <enumeration value="CIF">  <annotation>  <documentation>CIF – Cost, Insurance and Freight (named port of destination) Sea and inland waterway transport Term  Exactly the same as CFR except that the seller must in addition procure and pay for the insurance. Maritime transport only. Added V5.02</documentation>  </annotation>  </enumeration>  <enumeration value="DAF">  <annotation>  <documentation>DAF – Delivered at Frontier (named place of delivery)  Previous terms from Incoterms 2000 eliminated from Incoterms 2010   This term can be used when the goods are transported by rail and road. The seller pays for transportation to the named place of delivery at the frontier. The buyer arranges for customs clearance and pays for transportation from the frontier to his factory. The passing of risk occurs at the frontier. Added V5.02 </documentation>  </annotation>  </enumeration>  <enumeration value="DES">  <annotation>  <documentation>DES – Delivered Ex Ship (named port of delivery)   Previous terms from Incoterms 2000 eliminated from Incoterms 2010   Where goods are delivered ex ship, the passing of risk does not occur until the ship has arrived at the named port of destination and the goods made available for unloading to the buyer. The seller pays the same freight and insurance costs as he would under a CIF arrangement. Unlike CFR and CIF terms, the seller has agreed to bear not just cost, but also Risk and Title up to the arrival of the vessel at the named port. Costs for unloading the goods and any duties, taxes, etc. are for the Buyer. A commonly used term in shipping bulk commodities, such as coal, grain, dry chemicals; and where the seller either owns or has chartered, their own vessel. Added V5.02</documentation>  </annotation>  </enumeration>  <enumeration value="DEQ">  <annotation>  <documentation>DEQ – Delivered Ex Quay (named port of delivery)   Previous terms from Incoterms 2000 eliminated from Incoterms 2010   This is similar to DES, but the passing of risk does not occur until the goods have been unloaded at the port of discharge. Added V5.02</documentation>  </annotation>  </enumeration>  <enumeration value="DDU">  <annotation>  <documentation>DDU – Delivered Duty Unpaid (named place of destination)  Previous terms from Incoterms 2000 eliminated from Incoterms 2010   This term means that the seller delivers the goods to the buyer to the named place of destination in the contract of sale. A transaction in international trade where the seller is responsible for making a safe delivery of goods to a named destination, paying all transportation expenses but not the duty. The seller bears the risks and costs associated with supplying the goods to the delivery location, where the buyer becomes responsible for paying the duty and other customs clearing expenses. Added V5.02</documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **LengthUnits**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | simpleType | [**FenceUnits**](#Link0724ED20) | |
| facets | |  |  | | --- | --- | | enumeration | FT | | enumeration | YD | | enumeration | M | | enumeration | KM | |
| annotation | |  | | --- | | documentation | | Length UOMs | |
| source | <simpleType name="LengthUnits">  <annotation>  <documentation>Length UOMs</documentation>  </annotation>  <restriction base="string">  <enumeration value="FT">  <annotation>  <documentation>Foot</documentation>  </annotation>  </enumeration>  <enumeration value="YD">  <annotation>  <documentation>Yard - 3 ft</documentation>  </annotation>  </enumeration>  <enumeration value="M">  <annotation>  <documentation>Meter</documentation>  </annotation>  </enumeration>  <enumeration value="KM">  <annotation>  <documentation>Kilometer - 1000 meters</documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **LineItemResponseEnum**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**LineItemResponseType**](#Link0726D6D0) | |
| facets | |  |  | | --- | --- | | enumeration | Failed | | enumeration | Success | | enumeration | Warning | |
| annotation | |  | | --- | | documentation | | Enumeration for Type | |
| source | <simpleType name="LineItemResponseEnum">  <annotation>  <documentation>Enumeration for Type</documentation>  </annotation>  <restriction base="string">  <enumeration value="Failed"/>  <enumeration value="Success"/>  <enumeration value="Warning"/>  </restriction> </simpleType> |

simpleType **LocationSecondaryTypes**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**LocationIdentifierType**](#Link07171C88) | |
| facets | |  |  | | --- | --- | | enumeration | SPLC | | enumeration | PartnerPlantID | | enumeration | OtherPlantID | |
| annotation | |  | | --- | | documentation | | Types for Location Secondary Types | |
| source | <simpleType name="LocationSecondaryTypes">  <annotation>  <documentation>Types for Location Secondary Types</documentation>  </annotation>  <restriction base="string">  <enumeration value="SPLC">  <annotation>  <documentation>SPLC - US Freight Region Code</documentation>  </annotation>  </enumeration>  <enumeration value="PartnerPlantID">  <annotation>  <documentation>Plant ID for Seller</documentation>  </annotation>  </enumeration>  <enumeration value="OtherPlantID">  <annotation>  <documentation>Used to store other Plant ID information in Loading Delivery Receipt (see From for Details of which partner sent the original BOL data).</documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **MeasurementQualifierEnum**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | elements | [**MeasurementQualifier**](#Link0725B720)[**VolumeType/MeasurementQualifier**](#Link07274F00) | |
| facets | |  |  | | --- | --- | | enumeration | Ambient | | enumeration | Standard | |
| annotation | |  | | --- | | documentation | | Measurement Qualifiers Preferred List | |
| source | <simpleType name="MeasurementQualifierEnum">  <annotation>  <documentation>Measurement Qualifiers Preferred List</documentation>  </annotation>  <restriction base="string">  <enumeration value="Ambient"/>  <enumeration value="Standard"/>  </restriction> </simpleType> |

simpleType **MeasurementQualifierEnumDeprecated**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**MeasurementQualifier**](#Link0725B720) | |
| facets | |  |  | | --- | --- | | enumeration | Transaction | | enumeration | Test | | enumeration | Base | |
| annotation | |  | | --- | | documentation | | Measurement Qualifiers to be Deprecated | |
| source | <simpleType name="MeasurementQualifierEnumDeprecated">  <annotation>  <documentation>Measurement Qualifiers to be Deprecated</documentation>  </annotation>  <restriction base="string">  <enumeration value="Transaction">  <annotation>  <documentation>This will be Deprecated in Version 6 - Use Ambient Transactional temperature reading</documentation>  </annotation>  </enumeration>  <enumeration value="Test">  <annotation>  <documentation>This will be Deprecated in Version 6 - Use Standard  Test is measured from a different temperature reading other than 15 C or 60 F</documentation>  </annotation>  </enumeration>  <enumeration value="Base">  <annotation>  <documentation>This will be Deprecated in Version 6 - Use Standard Indicates a NET value or measurement from 15 degrees C or 60 Degrees C</documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **MeasurementTypeEnum**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | elements | [**MeasurementType**](#Link0725B658)[**DensityType/MeasurementType**](#Link072739E8)[**GravityType/MeasurementType**](#Link07273E98)[**MixPercentageType/MeasurementType**](#Link07274668) | |
| facets | |  |  | | --- | --- | | enumeration | MeasuredinAir | | enumeration | MeasuredInVacuum | | enumeration | Calculated | | enumeration | Ordered | | enumeration | TableLookup | |
| annotation | |  | | --- | | documentation | | Old MeasuremenTypeEnum - Delete it since Measurement Type is now of Type MeasurementTypeDensity and MeasurementTypeMetered | |
| source | <simpleType name="MeasurementTypeEnum">  <annotation>  <documentation>Old MeasuremenTypeEnum - Delete it since Measurement Type is now of Type MeasurementTypeDensity and MeasurementTypeMetered</documentation>  </annotation>  <restriction base="string">  <enumeration value="MeasuredinAir">  <annotation>  <documentation>Quantity was read from a Meter</documentation>  </annotation>  </enumeration>  <enumeration value="MeasuredInVacuum"/>  <enumeration value="Calculated">  <annotation>  <documentation>Measurement was from a calculation</documentation>  </annotation>  </enumeration>  <enumeration value="Ordered">  <annotation>  <documentation>Ordered Measurement, not actual</documentation>  </annotation>  </enumeration>  <enumeration value="TableLookup">  <annotation>  <documentation>Quantity was from a Lookup Table</documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **MeasurementUnitQualf**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**UnitQualifier**](#Link0725B8B0) | |
| facets | |  |  | | --- | --- | | enumeration | Volume | | enumeration | Temperature | | enumeration | Pressure | | enumeration | Gravity | | enumeration | TareWeight | | enumeration | GrossWeight | | enumeration | ProductWeight | | enumeration | Density | | enumeration | MixPercentage | | enumeration | EnergyContent | |
| annotation | |  | | --- | | documentation | | Type of Measurement | |
| source | <simpleType name="MeasurementUnitQualf">  <annotation>  <documentation>Type of Measurement</documentation>  </annotation>  <restriction base="string">  <enumeration value="Volume">  <annotation>  <documentation>Quantity Specified is a Volume Measurement</documentation>  </annotation>  </enumeration>  <enumeration value="Temperature">  <annotation>  <documentation>Quantity Specified is a Temperature</documentation>  </annotation>  </enumeration>  <enumeration value="Pressure">  <annotation>  <documentation>Quantity Specified is a Pressure</documentation>  </annotation>  </enumeration>  <enumeration value="Gravity">  <annotation>  <documentation>Quantity Specified is Gravity</documentation>  </annotation>  </enumeration>  <enumeration value="TareWeight">  <annotation>  <documentation>Quantity Specified is the Empty Container Weight in Air</documentation>  </annotation>  </enumeration>  <enumeration value="GrossWeight">  <annotation>  <documentation>Quantity Specified is a Gross or Total Weight in Air</documentation>  </annotation>  </enumeration>  <enumeration value="ProductWeight">  <annotation>  <documentation>Quantity Specified is Product Weight in Air</documentation>  </annotation>  </enumeration>  <enumeration value="Density">  <annotation>  <documentation>Quantity Specified is Density in a Vacuum</documentation>  </annotation>  </enumeration>  <enumeration value="MixPercentage">  <annotation>  <documentation>Quantity specifies Mix Percent of a product Use in recipe section</documentation>  </annotation>  </enumeration>  <enumeration value="EnergyContent">  <annotation>  <documentation>Energy Contents of LNG</documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **MOTTypeEnum**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**MotType**](#Link072325F0) | |
| facets | |  |  | | --- | --- | | enumeration | Truck | | enumeration | Rail | | enumeration | Barge | | enumeration | Pipeline | | enumeration | StorageTank | | enumeration | Vessel | | enumeration | BookTransfer | | enumeration | Container | |
| annotation | |  | | --- | | documentation | | Mode of Transport Definitions | |
| source | <simpleType name="MOTTypeEnum">  <annotation>  <documentation>Mode of Transport Definitions</documentation>  </annotation>  <restriction base="string">  <enumeration value="Truck">  <annotation>  <documentation>Truck Based MOT</documentation>  </annotation>  </enumeration>  <enumeration value="Rail">  <annotation>  <documentation>Railroad car based MOT</documentation>  </annotation>  </enumeration>  <enumeration value="Barge">  <annotation>  <documentation>Barge based MOT</documentation>  </annotation>  </enumeration>  <enumeration value="Pipeline">  <annotation>  <documentation>Pipeline base MOT</documentation>  </annotation>  </enumeration>  <enumeration value="StorageTank">  <annotation>  <documentation>StorageTank based MOT</documentation>  </annotation>  </enumeration>  <enumeration value="Vessel">  <annotation>  <documentation>Vessel based MOT</documentation>  </annotation>  </enumeration>  <enumeration value="BookTransfer">  <annotation>  <documentation>Book Transfer Based MOT</documentation>  </annotation>  </enumeration>  <enumeration value="Container">  <annotation>  <documentation>Generic Container based MOT </documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **MovementTypes**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**MovementType**](#Link0722E078) | |
| facets | |  |  | | --- | --- | | enumeration | LoadID | | enumeration | Nomination | | enumeration | Contract | | enumeration | Order | | enumeration | Shipment | |
| source | <simpleType name="MovementTypes">  <restriction base="string">  <enumeration value="LoadID"/>  <enumeration value="Nomination">  <annotation>  <documentation>Nominations - Support Nominations Added V5.02</documentation>  </annotation>  </enumeration>  <enumeration value="Contract">  <annotation>  <documentation>Seller Sales Contract Number</documentation>  </annotation>  </enumeration>  <enumeration value="Order">  <annotation>  <documentation>Seller Sales Order Information</documentation>  </annotation>  </enumeration>  <enumeration value="Shipment">  <annotation>  <documentation>Shipment Document - ERP System Document</documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **PartnerRoleCodes**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**PartnerRoleIndicator**](#Link07233BD0) | |
| facets | |  |  | | --- | --- | | enumeration | Seller | | enumeration | Consignee | | enumeration | FinalShipper | | enumeration | TerminalOwner | | enumeration | ThirdParty | | enumeration | ThirdPartyConsignee | | enumeration | SoldToParty | | enumeration | ShipToParty | | enumeration | TaxToParty | | enumeration | BillToParty | | enumeration | TransportCompany | | enumeration | TransportInitiator | | enumeration | ExportToParty | | enumeration | DistributorParty | | enumeration | StockOwner | | enumeration | SupplyToParty | | enumeration | ShipFromParty | | enumeration | FreightDocToParty | | enumeration | RailstationToParty | | enumeration | DestinationParty | | enumeration | DataServices | | enumeration | Payor | | enumeration | Agent | | enumeration | Surveyor | | enumeration | DUNSNumber | | enumeration | MPKSPartnerCode | | enumeration | GXSPartnerCode | | enumeration | CPDPPartnerCode | | enumeration | Other | | enumeration | TaxWarehouse | |
| annotation | |  | | --- | | documentation | | PartnerRoles From V050100 Version | |
| source | <simpleType name="PartnerRoleCodes">  <annotation>  <documentation>PartnerRoles From V050100 Version</documentation>  </annotation>  <restriction base="string">  <enumeration value="Seller">  <annotation>  <documentation>PIDX Assigned Value - Used to Indicate the Seller/Supplier of the Product. </documentation>  </annotation>  </enumeration>  <enumeration value="Consignee">  <annotation>  <documentation>Supplier Value for Buyer - Value assigned at terminal for the Buyers account.</documentation>  </annotation>  </enumeration>  <enumeration value="FinalShipper"/>  <enumeration value="TerminalOwner">  <annotation>  <documentation>PIDX Seller Code for Terminal Owner</documentation>  </annotation>  </enumeration>  <enumeration value="ThirdParty">  <annotation>  <documentation>Third Party - This is the Supplier selling product to the Seller on the BOL. The PartnerIdentifier should be PIDX Seller code. This is also known in some cases as StorageLocation.</documentation>  </annotation>  </enumeration>  <enumeration value="ThirdPartyConsignee"/>  <enumeration value="SoldToParty">  <annotation>  <documentation>ERP Value - Seller SoldTo</documentation>  </annotation>  </enumeration>  <enumeration value="ShipToParty">  <annotation>  <documentation>ERP Value - Seller Ship To </documentation>  </annotation>  </enumeration>  <enumeration value="TaxToParty">  <annotation>  <documentation>ERP Value - Tax Party specified in ERP System</documentation>  </annotation>  </enumeration>  <enumeration value="BillToParty">  <annotation>  <documentation>ERP Value - Code specifying Bill To Party</documentation>  </annotation>  </enumeration>  <enumeration value="TransportCompany">  <annotation>  <documentation>ERP Code - Vendor Code for Transportation Company Transport Company may contain this same value, so it may not need to be specified in Party section.</documentation>  </annotation>  </enumeration>  <enumeration value="TransportInitiator">  <annotation>  <documentation>ERP Code - Transport Initiator for Vessel transport of product</documentation>  </annotation>  </enumeration>  <enumeration value="ExportToParty">  <annotation>  <documentation>ERP Code - Used to specify Export Duties to</documentation>  </annotation>  </enumeration>  <enumeration value="DistributorParty">  <annotation>  <documentation>EPR Code - Distributor/Reseller Party </documentation>  </annotation>  </enumeration>  <enumeration value="StockOwner">  <annotation>  <documentation>StockOwner final product owner at terminal.</documentation>  </annotation>  </enumeration>  <enumeration value="SupplyToParty">  <annotation>  <documentation>Not sure??</documentation>  </annotation>  </enumeration>  <enumeration value="ShipFromParty"/>  <enumeration value="FreightDocToParty">  <annotation>  <documentation>Freight To Party - Indicates who is picking up freight charges (ERP Code)</documentation>  </annotation>  </enumeration>  <enumeration value="RailstationToParty">  <annotation>  <documentation>Rail Station Party - Not sure??</documentation>  </annotation>  </enumeration>  <enumeration value="DestinationParty">  <annotation>  <documentation>TAS/ERP Value for DAS Detail - Indicated is Drop location of Product</documentation>  </annotation>  </enumeration>  <enumeration value="DataServices">  <annotation>  <documentation>Clearing House - data services conduit</documentation>  </annotation>  </enumeration>  <enumeration value="Payor"/>  <enumeration value="Agent"/>  <enumeration value="Surveyor"/>  <enumeration value="DUNSNumber">  <annotation>  <documentation>Dun and Bradstreet Number - Data Universal Numbering System</documentation>  </annotation>  </enumeration>  <enumeration value="MPKSPartnerCode"/>  <enumeration value="GXSPartnerCode"/>  <enumeration value="CPDPPartnerCode"/>  <enumeration value="Other"/>  <enumeration value="TaxWarehouse">  <annotation>  <documentation>TaxWarehouse - ?? Added V5.02</documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **PartnerSecondaryCodes**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| facets | |  |  | | --- | --- | | enumeration | CPDPPartnerCode | | enumeration | DUNSNumber | | enumeration | GXSPartnerCode | | enumeration | MPKSPartnerCode | | enumeration | Other | |
| annotation | |  | | --- | | documentation | | Partner Code Secondary ID List and Definitions | |
| source | <simpleType name="PartnerSecondaryCodes">  <annotation>  <documentation>Partner Code Secondary ID List and Definitions</documentation>  </annotation>  <restriction base="string">  <enumeration value="CPDPPartnerCode"/>  <enumeration value="DUNSNumber"/>  <enumeration value="GXSPartnerCode"/>  <enumeration value="MPKSPartnerCode"/>  <enumeration value="Other"/>  </restriction> </simpleType> |

simpleType **PostingTypeEnum**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**PostingType**](#Link072437E8) | |
| facets | |  |  | | --- | --- | | enumeration | 00 | | enumeration | 01 | | enumeration | 02 | | enumeration | 03 | |
| annotation | |  | | --- | | documentation | | Posting Types. | |
| source | <simpleType name="PostingTypeEnum">  <annotation>  <documentation>Posting Types.</documentation>  </annotation>  <restriction base="string">  <enumeration value="00">  <annotation>  <documentation>Normal Posting</documentation>  </annotation>  </enumeration>  <enumeration value="01">  <annotation>  <documentation>Reversal Posting</documentation>  </annotation>  </enumeration>  <enumeration value="02">  <annotation>  <documentation>Correction Posting</documentation>  </annotation>  </enumeration>  <enumeration value="03">  <annotation>  <documentation>Return Posting</documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **PressureUnits**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | elements | [**PressureType/Unit**](#Link07274B18)[**Unit**](#Link0725BA40) | |
| facets | |  |  | | --- | --- | | enumeration | KPA | | enumeration | BAR | | enumeration | PSI | |
| annotation | |  | | --- | | documentation | | Pressure UOMs | |
| source | <simpleType name="PressureUnits">  <annotation>  <documentation>Pressure UOMs</documentation>  </annotation>  <restriction base="string">  <enumeration value="KPA">  <annotation>  <documentation>Pressure - KiloPascal </documentation>  </annotation>  </enumeration>  <enumeration value="BAR">  <annotation>  <documentation>Pressure - Bars</documentation>  </annotation>  </enumeration>  <enumeration value="PSI">  <annotation>  <documentation>Pressure - Pounds per Square Inch</documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **ProductIdentifierTypes**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**ProductIdentifierType**](#Link07172C28) | |
| facets | |  |  | | --- | --- | | enumeration | PIDXProductID | | enumeration | TerminalProductID | | enumeration | MaterialCode | | enumeration | GlobalCatalogProduct | |
| annotation | |  | | --- | | documentation | | Types of Product Identifiers supported | |
| source | <simpleType name="ProductIdentifierTypes">  <annotation>  <documentation>Types of Product Identifiers supported</documentation>  </annotation>  <restriction base="string">  <enumeration value="PIDXProductID"/>  <enumeration value="TerminalProductID">  <annotation>  <documentation>Terminal Specific Product Identifier</documentation>  </annotation>  </enumeration>  <enumeration value="MaterialCode">  <annotation>  <documentation>Seller Specific Product Identifier</documentation>  </annotation>  </enumeration>  <enumeration value="GlobalCatalogProduct">  <annotation>  <documentation>PIDX Attribute Based Product Identifier</documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **RailPartnerRoles**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | elements | [**PartnerRoleIndicator**](#Link07233BD0)[**RailParty/PartnerRoleIndicator**](#Link07174208) | |
| facets | |  |  | | --- | --- | | enumeration | AlternateSender | | enumeration | AlternateReceiver | | enumeration | DestinationStation | | enumeration | FreightPayor | | enumeration | RailCarCompany | | enumeration | RailCompany | | enumeration | RailReceiver | | enumeration | RailSender | |
| annotation | |  | | --- | | documentation | | Rail Party Data | |
| source | <simpleType name="RailPartnerRoles">  <annotation>  <documentation>Rail Party Data</documentation>  </annotation>  <restriction base="string">  <enumeration value="AlternateSender">  <annotation>  <documentation>DBAlternativeSender - Not sure. Added V5.02</documentation>  </annotation>  </enumeration>  <enumeration value="AlternateReceiver">  <annotation>  <documentation>DBAlternateReceiver-?? Added V5.02</documentation>  </annotation>  </enumeration>  <enumeration value="DestinationStation"/>  <enumeration value="FreightPayor"/>  <enumeration value="RailCarCompany"/>  <enumeration value="RailCompany"/>  <enumeration value="RailReceiver">  <annotation>  <documentation>Receiver - Generic Header Record Party - Supplier to Supplier Doc Exchange Added V5.02</documentation>  </annotation>  </enumeration>  <enumeration value="RailSender">  <annotation>  <documentation>Sender - - Generic Header Record Party - Supplier to Supplier Doc Exchange Added V5.02</documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **RatioUnits**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | elements | [**MixPercentageType/Unit**](#Link072747F8)[**Unit**](#Link0725BA40) | |
| facets | |  |  | | --- | --- | | enumeration | EA | | enumeration | RAT | | enumeration | PPM | |
| annotation | |  | | --- | | documentation | | Ratio UOMs and Each | |
| source | <simpleType name="RatioUnits">  <annotation>  <documentation>Ratio UOMs and Each</documentation>  </annotation>  <restriction base="string">  <enumeration value="EA">  <annotation>  <documentation>Each Unit of Measure</documentation>  </annotation>  </enumeration>  <enumeration value="RAT">  <annotation>  <documentation>MixPercent - Mix Ratio</documentation>  </annotation>  </enumeration>  <enumeration value="PPM">  <annotation>  <documentation>Part Per Million </documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **ReferenceTypes**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**ReferenceQualifier**](#Link0716ABB8) | |
| facets | |  |  | | --- | --- | | enumeration | CustomerGroup | | enumeration | CustomerReference | | enumeration | Delivery | | enumeration | EMCSARCNumber | | enumeration | EMCSDeliveryPlaceCode | | enumeration | EMCSExciseProdCode | | enumeration | EMCSLRNumber | | enumeration | EMCSWaiverCode | | enumeration | LoadId | | enumeration | LoadIdProcessingGroup | | enumeration | LoadingRef | | enumeration | LIDAddOn | | enumeration | NominationNumberExternal | | enumeration | NominationNumberInternal | | enumeration | Notes | | enumeration | Other | | enumeration | PurchaseContract | | enumeration | PurchaseOrder | | enumeration | SalesContract | | enumeration | SalesOrder | | enumeration | Shipment | | enumeration | ShippingPoint | | enumeration | TASLoadId | | enumeration | ThirdPartyLoadId | |
| annotation | |  | | --- | | documentation | | Reference Type Definitions | |
| source | <simpleType name="ReferenceTypes">  <annotation>  <documentation>Reference Type Definitions</documentation>  </annotation>  <restriction base="string">  <enumeration value="CustomerGroup"/>  <enumeration value="CustomerReference">  <annotation>  <documentation>Customer Reference ERP numbers from Orders</documentation>  </annotation>  </enumeration>  <enumeration value="Delivery">  <annotation>  <documentation>Ref = Delivery No Item = Delivery Line Item No</documentation>  </annotation>  </enumeration>  <enumeration value="EMCSARCNumber">  <annotation>  <documentation>EMCS Specific Data - Europe</documentation>  </annotation>  </enumeration>  <enumeration value="EMCSDeliveryPlaceCode">  <annotation>  <documentation>EMCS Specific Data - Europe</documentation>  </annotation>  </enumeration>  <enumeration value="EMCSExciseProdCode">  <annotation>  <documentation>EMCS Specific Data - Europe</documentation>  </annotation>  </enumeration>  <enumeration value="EMCSLRNumber">  <annotation>  <documentation>EMCS Specific Data - Europe</documentation>  </annotation>  </enumeration>  <enumeration value="EMCSWaiverCode">  <annotation>  <documentation>EMCS Specific Data - Europe</documentation>  </annotation>  </enumeration>  <enumeration value="LoadId">  <annotation>  <documentation>LoadID - ERP or SAP specific LoadID in Ref and Item should specify LIDAddOn or ContractLine Item information.</documentation>  </annotation>  </enumeration>  <enumeration value="LoadIdProcessingGroup">  <annotation>  <documentation>LoadIDProcessingGroup - ?? Added V5.02</documentation>  </annotation>  </enumeration>  <enumeration value="LoadingRef">  <annotation>  <documentation>LoadReference usually contract concatenated with contract line item in SAP. Generally this ID will uniquely identify the back end systems Customer, terminal, product, and loading partner.</documentation>  </annotation>  </enumeration>  <enumeration value="LIDAddOn"/>  <enumeration value="NominationNumberExternal">  <annotation>  <documentation>Nomination Number</documentation>  </annotation>  </enumeration>  <enumeration value="NominationNumberInternal">  <annotation>  <documentation>Nomination Number </documentation>  </annotation>  </enumeration>  <enumeration value="Notes">  <annotation>  <documentation>Loading notes - Ref = Notes - Item = Line Number of note, or ordering of of each line.</documentation>  </annotation>  </enumeration>  <enumeration value="Other">  <annotation>  <documentation>Information use only or partner agreed upon use.</documentation>  </annotation>  </enumeration>  <enumeration value="PurchaseContract"/>  <enumeration value="PurchaseOrder"/>  <enumeration value="SalesContract">  <annotation>  <documentation>Ref = Contract Number Item = Contract Line Item</documentation>  </annotation>  </enumeration>  <enumeration value="SalesOrder"/>  <enumeration value="Shipment"/>  <enumeration value="ShippingPoint">  <annotation>  <documentation>Shipping Point - Specifies distinct Pickup Location at a terminal if more than one loading rack at a terminal.</documentation>  </annotation>  </enumeration>  <enumeration value="TASLoadId"/>  <enumeration value="ThirdPartyLoadId"/>  </restriction> </simpleType> |

simpleType **RightToLIftEnum**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**RightToLiftCheck**](#Link07402B40) | |
| facets | |  |  | | --- | --- | | enumeration | AtLiftingTime | | enumeration | OnReceipt | | enumeration | NotRequired | |
| annotation | |  | | --- | | documentation | | Contains Right to Lift Enumerations | |
| source | <simpleType name="RightToLIftEnum">  <annotation>  <documentation>Contains Right to Lift Enumerations</documentation>  </annotation>  <restriction base="string">  <enumeration value="AtLiftingTime"/>  <enumeration value="OnReceipt"/>  <enumeration value="NotRequired"/>  </restriction> </simpleType> |

simpleType **ScheduleTypeEnum**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**ScheduleType**](#Link074093F0) | |
| facets | |  |  | | --- | --- | | enumeration | Inbound | | enumeration | Outbound | | enumeration | Internal | |
| annotation | |  | | --- | | documentation | | Schedule Type Definitions | |
| source | <simpleType name="ScheduleTypeEnum">  <annotation>  <documentation>Schedule Type Definitions</documentation>  </annotation>  <restriction base="string">  <enumeration value="Inbound"/>  <enumeration value="Outbound"/>  <enumeration value="Internal"/>  </restriction> </simpleType> |

simpleType **StatusCodes**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | elements | [**DocumentStatus**](#Link0714C510)[**LineItemStatus**](#Link07406060) | |
| facets | |  |  | | --- | --- | | enumeration | New | | enumeration | Changed | | enumeration | Deleted | |
| annotation | |  | | --- | | documentation | | Status Code Definitions | |
| source | <simpleType name="StatusCodes">  <annotation>  <documentation>Status Code Definitions</documentation>  </annotation>  <restriction base="string">  <enumeration value="New"/>  <enumeration value="Changed"/>  <enumeration value="Deleted"/>  </restriction> </simpleType> |

simpleType **TemperatureUnits**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | elements | [**TemperatureType/Unit**](#Link072744D8)[**Unit**](#Link0725BA40) | |
| facets | |  |  | | --- | --- | | enumeration | C | | enumeration | F | |
| annotation | |  | | --- | | documentation | | Temperature UOMs | |
| source | <simpleType name="TemperatureUnits">  <annotation>  <documentation>Temperature UOMs</documentation>  </annotation>  <restriction base="string">  <enumeration value="C">  <annotation>  <documentation>Temperature in Degrees Celsius</documentation>  </annotation>  </enumeration>  <enumeration value="F">  <annotation>  <documentation>Temperature in Degrees Fahrenheit</documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **TransportSecondaryTypes**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | element | [**TransportIdentifierType**](#Link071714B8) | |
| facets | |  |  | | --- | --- | | enumeration | DUNSNumber | | enumeration | PartnerHaulierID | | enumeration | TerminalHaulierID | | enumeration | CarrierFEIN | | enumeration | SCAC | |
| annotation | |  | | --- | | documentation | | Types for Transport Secondary Types | |
| source | <simpleType name="TransportSecondaryTypes">  <annotation>  <documentation>Types for Transport Secondary Types</documentation>  </annotation>  <restriction base="string">  <enumeration value="DUNSNumber"/>  <enumeration value="PartnerHaulierID"/>  <enumeration value="TerminalHaulierID"/>  <enumeration value="CarrierFEIN"/>  <enumeration value="SCAC"/>  </restriction> </simpleType> |

simpleType **VolumeUnits**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | elements | [**VolumeType/Unit**](#Link07275090)[**TankUnit**](#Link07408CE8)[**Unit**](#Link0725BA40)[**VolumeUnit**](#Link0722E208) | |
| facets | |  |  | | --- | --- | | enumeration | LTR | | enumeration | ML | | enumeration | OZ | | enumeration | GAL | | enumeration | IGL | | enumeration | BBL | | enumeration | KB | | enumeration | CBM | | enumeration | HLT | |
| annotation | |  | | --- | | documentation | | Volume UOMs | |
| source | <simpleType name="VolumeUnits">  <annotation>  <documentation>Volume UOMs</documentation>  </annotation>  <restriction base="string">  <enumeration value="LTR">  <annotation>  <documentation>Liter</documentation>  </annotation>  </enumeration>  <enumeration value="ML">  <annotation>  <documentation>Volume - Milliliter</documentation>  </annotation>  </enumeration>  <enumeration value="OZ">  <annotation>  <documentation>Volume - Ounce</documentation>  </annotation>  </enumeration>  <enumeration value="GAL">  <annotation>  <documentation>Gallons</documentation>  </annotation>  </enumeration>  <enumeration value="IGL">  <annotation>  <documentation>Imperial Gallons</documentation>  </annotation>  </enumeration>  <enumeration value="BBL">  <annotation>  <documentation>Barrel</documentation>  </annotation>  </enumeration>  <enumeration value="KB">  <annotation>  <documentation>Kilo Barrel</documentation>  </annotation>  </enumeration>  <enumeration value="CBM">  <annotation>  <documentation>Cubic Meter</documentation>  </annotation>  </enumeration>  <enumeration value="HLT">  <annotation>  <documentation>HectoLiters - 100 Liters</documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **WeightUnits**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | elements | [**ProductWeightType/Unit**](#Link07274D70)[**Unit**](#Link0725BA40)[**WeightUnit**](#Link0722E398) | |
| facets | |  |  | | --- | --- | | enumeration | LBS | | enumeration | MG | | enumeration | KGS | | enumeration | TON | | enumeration | MTN | | enumeration | LTN | |
| annotation | |  | | --- | | documentation | | Weight UOM | |
| source | <simpleType name="WeightUnits">  <annotation>  <documentation>Weight UOM</documentation>  </annotation>  <restriction base="string">  <enumeration value="LBS">  <annotation>  <documentation>Pounds</documentation>  </annotation>  </enumeration>  <enumeration value="MG">  <annotation>  <documentation>Weight - Milligrams</documentation>  </annotation>  </enumeration>  <enumeration value="KGS">  <annotation>  <documentation>Kilogram</documentation>  </annotation>  </enumeration>  <enumeration value="TON">  <annotation>  <documentation>Ton - 2000 Lbs</documentation>  </annotation>  </enumeration>  <enumeration value="MTN">  <annotation>  <documentation>Metric Ton</documentation>  </annotation>  </enumeration>  <enumeration value="LTN">  <annotation>  <documentation>Imperial Ton -2,240 pounds </documentation>  </annotation>  </enumeration>  </restriction> </simpleType> |

simpleType **YesNo**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| type | restriction of **string** |
| used by | |  |  | | --- | --- | | elements | [**AllocationReserve**](#Link0726B600)[**DisplayList**](#Link07402A78)[**Metered**](#Link0725BB08)[**Required**](#Link074028E8)[**SplitLoading**](#Link0716F4B0)[**Validated**](#Link074029B0) | |
| facets | |  |  | | --- | --- | | enumeration | Yes | | enumeration | No | |
| annotation | |  | | --- | | documentation | | Boolean Flag - Note Java and .NET have compatibility issues with boolean type so we will implement yes no enumeration. | |
| source | <simpleType name="YesNo">  <annotation>  <documentation>Boolean Flag - Note Java and .NET have compatibility issues with boolean type so we will implement yes no enumeration.</documentation>  </annotation>  <restriction base="string">  <enumeration value="Yes"/>  <enumeration value="No"/>  </restriction> </simpleType> |

attributeGroup **PIDXVersion**

|  |  |
| --- | --- |
| namespace | http://www.pidx.org/schema/ds/v5.02 |
| used by | |  |  | | --- | --- | | complexTypes | [**PIDXPlannedMovementReq**](#Link07177568)[**PMResponseComplex**](#Link07268D40) | |
| attributes | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Name | Type | Use | Default | Fixed | annotation | | [MajorVersion](#Link0709C268) |  | required |  | 05 | |  | | --- | | documentation | | Major Version - Incremented when New Required Elements are added | | | [MinorVersion](#Link0709C158) |  | optional |  | 02 | |  | | --- | | documentation | | Minor Version - Incremented when New non-required elements are added | | | [FixVersion](#Link0709C2F0) |  | optional |  | 01 | |  | | --- | | documentation | | Fix Version - Incremented when Enumeration Values are added | | |
| source | <attributeGroup name="PIDXVersion">  <attribute ref="pidx:MajorVersion" use="required"/>  <attribute ref="pidx:MinorVersion" use="optional" fixed="02"/>  <attribute ref="pidx:FixVersion" use="optional" fixed="01"/> </attributeGroup> |

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