Oracle Fusion Cloud Transportation and Global Trade Management

XML Interface Changes Guide

Release 24B

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Contents

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2 General Integration Processing Changes

Consolidated Schema

An XML schema definition, OTMGTM.xsd, consolidates the old separate schema files into one root document to be more flexible for some third party tools, e.g. for validation or processing of messages. This file can be downloaded from the Retrieve Schemas page in the Integration Manager user interface.

Processing Changes

This section describes the XML interface changes introduced in Oracle Transportation Management version 21A that affect the schema documents as a whole. A description of each element and attribute changes are covered in *section 3* and *section 4*. For a complete description of the meaning and use of all interfaces refer to the integration online documentation.

Primary schema changes in 21A release came from an effort to support strict schema validation. Some key common changes include

- Primary key element(s) (GID/Sequence) are now optional where an Integration Saved Query is supported
- Weight and Volume are now optional in a WeightVolumeType
- Length, Width and Height are now optional in a LengthWidthHeightType
- GLogDate is now optional in the GLogDateTimeType

3 Schema Change History

Release 24B Schema Change History

Changes to GTM.xsd

Reference	Description
36162679	Product classification purpose added to Transaction Line.

Changes to Item.xsd

Reference	Description
36169067	Add Item Structure Tags to Item Qualification Type.

Changes to Order.xsd

Reference	Description
36085354	Make cost type gid optional.

Changes to Shipment.xsd

Reference	Description
36159253	Add Axle Weight fields to Shipment and Equipment.

Release 24A Schema Change History

Changes to GTM.xsd

Reference	Description
35839730	Add outbound support for GtmDeclarationLine.

Changes to GenericTransaction.xsd

Reference	Description
35821967	Make SourceLocationGid and DestLocationGid optional for RIQ.

Changes to Item.xsd

Reference	Description
35947320	Add HazmatItemRef element to Packaging..

Changes to Shipment.xsd

Reference	Description
35828218	Add TransportModeType to PlannedShipment.

Release 23C Schema Change History

Changes to Document.xsd

Reference	Description
35117030	Allow multiple object GIDs for the Document interface to allow documents for a shipment stop.

Changes to Item.xsd

Reference	Description
35289560	Add customs description to GtmItemClassification.

Changes to LocationContact.xsd

Reference	Description
35135425	Add IntSavedQuery for Contact.

Changes to Order.xsd

Reference	Description
35205441	Add flex field support for the order base release and order base ship unit release instruction.

Changes to ShipUnit.xsd

Reference	Description
35205441	Add flex fields support for ship unit line.

Release 23B Schema Change History

Changes to Shipment.xsd

Reference	Description
34858567	Add Location GID to SSLocation of ShipmentStatus (TrackingEvent) interface

Release 23A Schema Change History

Changes to GTM.xsd

Reference	Description
28796492	Add Child GTM Transaction Lines to Parent GTM Transaction Line

Changes to Item.xsd

Reference	Description
34579428	Add Flex Fields for Item Trade Value

Changes to Location.xsd

Reference	Description
34597409	Add Tag Fields and BidComment for ConditionalSpotBid

Changes to Shipment.xsd

Reference	Description
34599326	Add Cutoff Fields for Location and Appointment Rule Set
34579132	Add Center of Gravity fields for SEquipment

Release 22C Schema Change History

Changes to Configuration.xsd

Reference	Description
34129232	Add AutoApproveRuleProfileGid for User

Changes to Finance.xsd

Reference	Description
33938121	Add VoucherInvoiceLineVat for Voucher Add VatCodeGid for Release and TransOrder
33918240	Add ShipmentGroup information for Voucher

Changes to Item.xsd

Reference	Description
32703419	Deprecate IsQualified for ItemQualification

Changes to LocationContact.xsd

Reference	Description
34129240	Add Flexfields for ServiceProvider

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Changes to Order.xsd

Reference	Description
33938121	Add VatCodeGid for TransOrder

Changes to Planning.xsd

Reference	Description
29750752	Make ItineraryType element optional for Itinerary

Changes to Shipment.xsd

Reference	Description
33935260	Add ProjectedTourName and ProjectedTourSequenceNum for Shipment
33904791	Add Flexfields for ShipmentCost
33954356	Add ReservationNumber for Shipment

Release 22B Schema Change History

Changes to GTM.xsd

Reference	Description
33722728	Add AlternateDesignator for GtmStructure

Release 22A Schema Change History

Changes to Finance.xsd

Reference	Description
33389309	Add AllocSeqNo and AllocCostSeqnoforAllocReleaseDetail, AllocReleaseLineDetail and AllocTransOrderLineDetail

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Changes to GenericTransaction.xsd

Reference	Description
33440182	Add LegPosition forRIQQuery

Changes to GTM.xsd

Reference	Description
33087520	Add GtmStructureValue for GtmTransactionLine
33332446	Add CountryOfExport for GtmTransaction Add CountryOfExport and CountryOfImport for GtmTransactionLine
33401487	Add CountryOfImport for GtmTransaction

Changes to Item.xsd

Reference	Description
33087551	Add CountryOfImport, RVCPercentage, MinOpsMet, ROOAttribute, WhollyOriginated, and ItemQualificationConditionsfor ItemQualification Add ItemQualificationConditionType

Changes to LocationContact.xsd

Reference	Description
33294179	Add MaximumShipUnitsAllowed for ApptRuleSet

Changes to Order.xsd

Reference	Description
33247081	Add TrackingEvents to Release
33285472	IsTemporary for OrderMovement is deprecated and will be removed in a future release
33389309	Add AllocSeqNo and AllocCostSeqno forReleaseAllocShipmentDetail Add AllocSeqNo for ReleaseAllocShipment
33377234	Add Status for TransOrder

Changes to OTMGTM.xsd

Reference	Description
33010468	A new XML schema definition - OTMGTM.xsd - has been added to consolidate the separate schema files into one root document

Changes to Shipment.xsd

Reference	Description
33098106	Add ConditionalSpotBid For TenderResponse
33223416	Add Flexfields for Vessel
33418108	Add IsDirect and FlightInstanceId for ConditionalBooking
33439216	Add IsAirRailRouteCodeFixed for Shipment
33440029	Add WaybillDate for Shipment

Changes to ShipUnit.xsd

Reference	Description
33001302	Add IsFixedEruCount and SShipUnitEquipRefUnit to ShipUnit
33195905	Make TotalNumReferenceUnits optional for EquipmentRefUnit

Release 21C Schema Change History

Changes to Finance.xsd

Reference	Description
32745681	Add AllocTransOrderLineDetail for AllocationBase Add Flex fields for AllocReleaseDetail, AllocReleaseLineDetail, and AllocTransOrderLineDetail

Changes to GTM.xsd

Reference	Description
32377054	Add PartnerGid, PartnerSiteGid and InventoryOrganizationGid for GtmStructure and GtmStructureComponent

Reference	Description
32458880	Add Flex fields for GtmStructure and GtmStructureComponent

Changes to Item.xsd

Reference	Description
32223040	Add ItemValueSet for Item interface Add GtmValueQualifierGid, Value, ExchangeRateGid, ExchangeRateDate, and SeqNumber for ItemValue
32632682	Add GtmStructureGid for ItemOrigin

Changes to LocationContact.xsd

Reference	Description
32435196	Add ServprovProfileGid, EquipmentGroupProfileGid for ActivityTimeDef
32554912	Add EruGrouping for Location interface

Changes to Order.xsd

Reference	Description
32519722	Add PackWithGroup for ReleaseLine
32745681	Add Flex fields for ReleaseAllocShipmentDetail
32832837	Add EarlySailDt, LateSailDt and VoyageGid for ReleaseHeader

Changes to Rate.xsd

Reference	Description
32299779	Add OPERAND_QUALIFIER1, OPERAND_QUALIFIER2, OPERAND_QUALIFIER3, OPERAND_QUALIFIER4, CHARGE_QUALIFIER1, CHARGE_QUALIFIER2, CHARGE_BREAK_COMP_QUALIFIER1, and CHARGE_BREAK_COMP_QUALIFIER2 to ACCESSORIAL_COST

Changes to Shipment.xsd

Reference	Description
32257746	Add PredictedArrival for ShipmentStop
32487668	Add PredictedArrivalLow and PredictedArrivalHigh for ShipmentStop

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Release 21A Schema Change History

Changes to Configuration.xsd

Reference	Description
31962321	Add FirstName, LastName and EmailAddress to User interface

Changes to Document.xsd

Reference	Description
31880166	Make EffectiveDate and ExpirationDate as optional for Document interface

Changes to Finance.xsd

Reference	Description
31537024	Make WorkInvoiceGid as optional for WorkInvoice
32065374	Make DomainName as optional for PaymentHeader

Changes to GTM.xsd

Reference	Description
31537024	Make TradeDirection as optional for ProductClassification
31473892	Add AuthorizationTypeGid to ControlScreeningResult
31964784	Make TypeGid and Code as optional for UserDefinedType Make GtmCode and Code as optional for UserDefinedCode
31955039	Make GtmRegistrationGid as optional for GtmRegistrationDate, GtmRegRelatedItem, GtmRegRelatedCommodity, GtmRegRelatedUDCommodity, GtmRegRelatedLicense and GtmRegRelatedRegistration

Changes to Item.xsd

Reference	Description
31880166	Make HazmatIndicator, HotIndicator and ResidueIndicator as optional for HazmatItem
31955039	Make ExchangeRateInfo as optional for GtmValue

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Reference	Description
32039106	Deprecate TradeDirection for GtmItemClassification

Changes to LocationContact.xsd

Reference	Description
31537024	Make primary key element (GID/Sequence) as optional when using Integration Saved Query
31880166	Make UseGlcredential as optional for Contact
30346467	Deprecate IntQueueName for Contact
31955658	Add IsWMSFacility to Location interface

Changes to Order.xsd

Reference	Description
31537024	Make primary key element (GID/Sequence) as optional when using Integration Saved Query
31880166	Make QuoteLocInfo as optional for SrcLoc and DestLoc elements. Make ReleaseLineGid as optional for ReleaseLine

Changes to Planning.xsd

Reference	Description
31537024	Make primary key element (GID/Sequence) as optional when using Integration Saved Query
31880166	Make IsMultiStop, Perspective, TotalCost, TotalTransitTime, IsDestBundlePreferred, Rank, IsActive, IsRule11 as optional for Itinerary. Make Duration as optional for ServiceTime

Changes to Shipment.xsd

Reference	Description
31537024	Make primary key element (GID/Sequence) as optional when using Integration Saved Query
31222023	Update schema documentation to describe ShipmentStatusType and SSStopSequenceNum elements for ShipmentStatus interface
31936304	Move ShipmentStatusType out of ShipmentRefnum/ShipmentGroupRefnum choice group for ShipmentStatus interface
32008611	Make ShipUnit as optional for SShipUnit

Changes to ShipUnit.xsd

Reference	Description
31537024	Make ShipUnit as optional for SShipUnit
31880166	Make NumStackingLayers and NumLoadingRows as optional for SEquipmentSShipUnitInfo

Changes to TransmissionCommon.xsd

Reference	Description
31537024	Make primary key element (GID/Sequence) as optional when using Integration Saved Query
31616383	Support optional Gid elements

4 Added Element Definitions

Element Definitions

The following global element, type, or attribute definitions have been added.

[Legend: 'E' – Element, 'T' – Complex Type, 'A' – Attribute.]

Release 24B Added Element Definitions

GTM.xsd

XML Element	Type	Description
GtmProdClassPurposeGid	E	The purpose of classification like GENERAL, SPECIAL PROGRAM, PENALTY, EXEMPTION, etc.

Item.xsd

XML Element	Type	Description
GtmStructureGid	E	(Outbound) Identifier for the bill of material.

Shipment.xsd

XML Element	Type	Description
TruckCenterLength	E	The length between the centers of the two truck/bogie systems. Applicable only to rail cars.
TruckCount	E	The total number of trucks/bogies on the equipment. Applicable only to rail cars.
TotalAxleCount	E	The total number of axles on the equipment. Applicable only to rail cars.
MaxAxleWeight	E	Maximum allowed axle weight. Applicable only to rail cars.
TruckAWeight	E	Calculated weight on the truck/bogie A. A represents the bogie nearest to the origin of the equipment group. Applicable only to rail cars.

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XML Element	Type	Description
TruckAAxleWeight	E	Calculated axle weight on the truck/bogie A. A represents the bogie nearest to the origin of the equipment group. Applicable only to rail cars.
TruckBWeight	E	Calculated weight on the truck/bogie B. B represents the bogie at the end of the equipment group. Applicable only to rail cars.
TruckBAxleWeight	E	Calculated axle weight on the truck/bogie B. B represents the bogie at the end of the equipment group. Applicable only to rail cars.
AxleWeightImbalance	E	Denotes the ratio between the calculated axles weights. Applicable only to rail cars.

Release 24A Added Element Definitions

GTM.xsd

XML Element	Type	Description
GtmDeclarationLine	T	(Outbound) Represents a Global Trade Management Customs Declaration line.

Item.xsd

XML Element	Type	Description
TransportModeType	E	(Outbound) specifies the transport mode type, e.g.: TL, LTL, PARCEL, AIR, etc. on the shipment.

Release 23C Added Element Definitions

Item.xsd

XML Element	Type	Description
CustomsDescription	E	Customs description is a description field available to enter any hints or insights into the item customs reasoning.

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Release 23B Added Element Definitions

There are no element definitions added for 23B.

Release 23A Added Element Definitions

GTM.xsd

XML Element	Type	Description
GtmTransactionLine	E	(Outbound) Identifies Child Transaction Line Items.

Location.xsd

XML Element	Type	Description
ApptCutoffHours	E	Service provider appointment cutoff in hours. For example, to indicate a cutoff hour of 1 hour, specify a value for 3600 (1 hour after midnight).
ApptBeforeCutoff	E	Service provider appointment duration before cutoff.
ApptAfterCutoff	E	Service provider appointment duration after cutoff.

Shipment.xsd

XML Element	Type	Description
Tag1	E	Tag information provided by the service provider for the spot bid.
Tag2	E	Tag information provided by the service provider for the spot bid.
Tag3	E	Tag information provided by the service provider for the spot bid.
BidComment	E	Service provider comment for the spot bid.
GrossCGLength	E	Calculated length wise position of gross center of gravity (COG) from the equipment bottom leftmost corner.

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XML Element	Type	Description
GrossCGWidth	E	Calculated width wise position of gross center of gravity (COG) from the equipment bottom leftmost corner.
GrossCGHeight	E	Calculated height of gross center of gravity (COG) from the floor.
EmptyCGLength	E	When equipment is empty, indicates the length wise position of Empty center of gravity (COG) from the equipment bottom leftmost corner.
EmptyCGWidth	E	When equipment is empty, indicates the width wise position of Empty center of gravity (COG) from the equipment bottom leftmost corner.
EmptyCGHeight	E	When equipment is empty, indicates the height of Empty center of gravity (COG) from the floor.
FloorHeight	E	Indicates the actual height of the platform or floor above the ground or the rail.

Release 22C Added Element Definitions

Configuration.xsd

XML Element	Type	Description
AutoApproveRuleProfileGid	E	(Both) Auto Approve Rule Profile ID for the user.

Finance.xsd

XML Element	Type	Description
VoucherInvoiceLineVatType	T	(outbound) Voucher VAT information per line.
LineItemSeqNumber	E	(outbound) Sequence number of line item. FK Reference to the VOUCHER_INVOICE_ LINEITEM_JOIN table.
VatSeqNumber	E	(outbound) VAT sequence number.

Shipment.xsd

XML Element	Type	Description
ProjectedTourName	E	(Both) Identifier for the projected tour. If the projected tour is received as input, this is the supplied tour ID.

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XML Element	Type	Description
ProjectedTourSequenceNum	E	(Both) Sequence in which the shipment should appear in the projected tour.
ReservationNumber	E	(Both) Reservation number for the shipment.

Release 22B Added Element Definitions

GTM.xsd

XML Element	Type	Description
AlternateDesignator	E	(Both) To identify alternate bill of material and link p arent and child bill of material.

Release 22A Added Element Definition

Finance.xsd

XML Element	Type	Description
AllocSeqNo	E	(outbound) A sequence number that is used to uniquely identify each allocation.
AllocCostSeqno	E	(outbound) A sequence number that is used to uniquely identify each allocated cost.

GenericTransaction.xsd

XML Element	Type	Description
LegPosition	E	Define where to insert this stop in a multi-stopsituation. Validation: (L,F)

GTM.xsd

XML Element	Type	Description
GtmStructureValueType	T	(Both) Values for the bill of material.
CountryOfExport	E	(Both) Identifies the Country of Export for the Trade Transaction and Trade Transaction Line

XML Element	Type	Description
CountryOfImport	E	(Both) Identifies the Country of Import for the Trade Transaction and Trade Transaction Line

Item.xsd

XML Element	Type	Description
CountryOfImport	E	(Outbound) Identifies the country where the Item is imported from.
RVCPercentage	E	(Outbound) The percentage of the regional valu e content method associated with an item qualification.
MinOpsMet	E	(Outbound) This flag indicates if minimum oper ations are met under Rules of Origin.
ROOAttribute	E	(Outbound) Indicates the attribute description under the product specific rule(suffix/ex) after the Rules ofOrigin Qualification.
WhollyOriginated	E	(Outbound) Indicates if the Item is wholly ori ginating under the trade agreement.
ItemQualificationConditionType	T	(Outbound) Contains condition details of an item qualification.
ConditionShortName	E	(Outbound) The short name given to rules of origin rule code.
ConditionDescription	E	(Outbound) Description of the condition.
IsApplied	E	(Outbound) Indicates if the condition applied.

LocationContact.xsd

XML Element	Type	Description
MaximumShipUnitsAllowed	E	A constraint on the Appointment Rule Set for the maximum number of ship units for the appointment slot. The business use case is to identify dock doors that are 'express' that will be unloaded or loaded quickly.

Order.xsd

XML Element	Type	Description
AllocSeqNo	E	(outbound) A sequence number that is used to uniquely identify each allocation.
AllocCostSeqno	E	(outbound) A sequence number that is used to uniquely identify each allocated cost.

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Shipment.xsd

XML Element	Type	Description
ConditionalSpotBidType	T	Provides information about the conditional spot bid.

ShipUnit.xsd

XML Element	Type	Description
IsFixedEruCount	E	Y, N. Indicates whether the ERU defined on shipment ship unit is used or the ERU is derived from the order.
SShipUnitEquipRefUnit	E	Used to specify Ship Unit reference unit of a Shipment.

Release 21C Added Element Definition

Finance.xsd

XML Element	Type	Description
AllocTransOrderLineDetail	T	Specifies the cost breakdown details for the Allocation to the Order Base Line.

GTM.xsd

XML Element	Type	Description
PartnerGid	E	Partner on the component for the bill of material.
PartnerSiteGid	E	Partner site on the component for the bill of material
InventoryOrganizationGid	E	Inventory organization on the component for the bill of material.

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Item.xsd

XML Element	Type	Description
ItemValueSet	T	Item values based on the Inventory Organization, Partner, Partner Site, Packaged Item, and Country of Origin.
ItemValue	T	Item values based on the item value set table for a given value qualifier.

LocationContact.xsd

XML Element	Type	Description
EruGrouping	E	Indicates orders going to this location will be grouped together for ERU grouping.

Order.xsd

XML Element	Type	Description
PackWithGroup	E	Lines with different Pack with Groups cannot be packed into the same ship unit. This rule applies only to AUTO_CALC order configuration.
EarlySailDt	E	The early sailing date and time to be used as a constraint when planning the order release onto a buy shipment on the primary leg. This constraint only applies when the primary leg contains a voyage.
LateSailDt	E	The late sailing date and time to be used as a constraint when planning the order release onto a buy shipment on the primary leg. This constraint only applies when the primary leg contains a voyage.
VoyageGid	E	The voyage GID to be used as a constraint when planning the order release onto a buy shipment on the primary leg. This constraint only applies when the primary leg contains a voyage.

Rate.xsd

XML Element	Type	Description
OPERAND_QUALIFIER1	E	Determines the attribute/qualifier of the object on which the condition is based. For example, if the condition checks the value for flex field attribute1 = TEST, this column will hold value as attribute1, the flex field column name.

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XML Element	Type	Description
		If condition is on the reference number qualifier GLOG = ORDER_01 then this column will hold the value GLOG, the qualifier name.
OPERAND_QUALIFIER2	E	Determines the attribute/qualifier of the object on which the condition is based. For example, if the condition checks the value for flex field attribute1 = TEST, this column will hold value as attribute1, the flex field column name. If condition is on the reference number qualifier GLOG = ORDER_01 then this column will hold the value GLOG, the qualifier name.
OPERAND_QUALIFIER3	E	Determines the attribute/qualifier of the object on which the condition is based. For example, if the condition checks the value for flex field attribute1 = TEST, this column will hold value as attribute1, the flex field column name. If condition is on the reference number qualifier GLOG = ORDER_01 then this column will hold the value GLOG, the qualifier name.
OPERAND_QUALIFIER4	E	Determines the attribute/qualifier of the object on which the condition is based. For example, if the condition checks the value for flex field attribute1 = TEST, this column will hold value as attribute1, the flex field column name. If condition is on the reference number qualifier GLOG = ORDER_01 then this column will hold the value GLOG, the qualifier name.
CHARGE_QUALIFIER1	E	Determines the attribute/qualifier of the object based on which the charge is to be calculated. For example, if the charge is based on some flex field attribute1, this column will hold value as attribute1, the flex field column name. If the charge is based on the reference number qualifier GLOG = ORDER_01 then this column will hold the value GLOG, the qualifier name.
CHARGE_QUALIFIER2	E	Determines the attribute/qualifier of the object based on which the charge is to be calculated. For example, if the charge is based on some flex field attribute1, this column will hold value as attribute1, the flex field column name.

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XML Element	Type	Description
		If the charge is based on the reference number qualifier GLOG = ORDER_01 then this column will hold the value GLOG, the qualifier name.
CHARGE_BREAK_COMP_QUALIFIER1	E	Determines the attribute/qualifier of the object based on which the charge using unit breaks is to be calculated. For example, if the rate break is based on flex field attribute1, this column will hold value as attribute1, the flex field column name. If the rate break is based on the reference number qualifier GLOG = ORDER_01 then this column will hold the value GLOG, the qualifier name.
CHARGE_BREAK_COMP_QUALIFIER2	E	Determines the attribute/qualifier of the object based on which the charge using unit breaks is to be calculated. For example, if the rate break is based on flex field attribute1, this column will hold value as attribute1, the flex field column name. If the rate break is based on the reference number qualifier GLOG = ORDER_01 then this column will hold the value GLOG, the qualifier name.

Shipment.xsd

XML Element	Type	Description
PredictedArrival	E	Denotes the Predicted Arrival time.
PredictedArrivalLow	E	Denotes the Predicted Arrival Low time.
PredictedArrivalHigh	E	Denotes the Predicted Arrival High time.

Release 21A Added Element Definition

Configuration.xsd

XML Element	Type	Description
FirstName	E	The given name of the user.

XML Element	Type	Description
LastName	E	The surname of the user.
EmailAddress	E	The email address of the user.

GTM.xsd

XML Element	Type	Description
AuthorizationTypeGid	E	Authorization type of related manual Authorization.

LocationContact.xsd

XML Element	Type	Description
IsWMSFacility	E	Indicates if the location is a warehouse management system facility. Default value is N.

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5 Changed Element Definitions

Release 24B Changed Element Definitions

GTM.xsd

XML Type Name	Description
ProductClassificationType	Added • GtmProdClassPurposeGid

Item.xsd

XML Type Name	Description
ItemQualificationType	Modified • GtmStructureGid

Order.xsd

XML Type Name	Description
ReleaseAllocShipmentDetailType	Modified • CostTypeGid (minOccurs to 0)

Shipment.xsd

XML Type Name	Description
EquipmentType	Added • TruckCenterLength • TruckCount • TotalAxleCount • MaxAxleWeight
SEquipmentType	Added • TruckCenterLength

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XML Type Name	Description
	• TruckCount
	• TotalAxleCount
	• MaxAxleWeight
	• TruckAWeight
	• TruckAAxleWeight
	• TruckBWeight
	• TruckBAxleWeight
	• AxleWeightImbalance

Release 24A Changed Element Definitions

Document.xsd

XML Type Name	Description
GLogXMLTransaction	Added • GtmDeclarationLine

GenericTransaction.xsd

XML Type Name	Description
RIQResultType	Modified • SourceLocationGid (minOccurs to 0)
RIQRouteShipmentType	Modified • SourceLocationGid (minOccurs to 0) • DestLocationGid (minOccurs to 0)

Item.xsd

XML Type Name	Description
PackagingType	Added • HazmatItemRef

Shipment.xsd

XML Type Name	Description
PlannedShipment	Added • TransportModeType

Release 23C Changed Element Definitions

Document.xsd

XML Type Name	Description
DocumentOwnerType	Modified • ObjectGid (maxOccurs to unbounded)

Item.xsd

XML Type Name	Description
GtmItemClassificationType	Added • CustomsDescription

LocationContact.xsd

XML Type Name	Description
ContactType	Added • IntSavedQuery

Order.xsd

XML Type Name	Description
ReleaseInstructionType	Added • FlexFieldStrings • FlexFieldNumbers • FlexFieldDates

XML Type Name	Description
ShipUnitRelInstInfoType	Added • FlexFieldStrings • FlexFieldNumbers • FlexFieldDates

ShipUnit.xsd

XML Type Name	Description
ShipUnitContentType	Added • FlexFieldStrings • FlexFieldNumbers • FlexFieldDates

Release 23B Changed Element Definitions

Shipment.xsd

XML Type Name	Description
SSLocationType	Added • LocationGid

Release 23A Changed Element Definitions

GTM.xsd

XML Type Name	Description
GtmTransactionLineType	Added • GtmTransactionLine

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Item.xsd

XML Type Name	Description
ItemValueSetType	Added • FlexFieldStrings • FlexFieldNumbers • FlexFieldDates

Location.xsd

XML Type Name	Description
LocationType	Added • ApptCutoffHours • ApptBeforeCutoff • ApptAfterCutoff
ApptRuleSetType	Added • ApptCutoffHours • ApptBeforeCutoff • ApptAfterCutoff

Shipment.xsd

XML Type Name	Description
ConditionalSpotBidType	Added • Tag1 • Tag2 • Tag3 • BidComment
SEquipmentType	Added • GrossCGLength • GrossCGWidth • GrossCGHeight • EmptyCGLength • EmptyCGWidth • EmptyCGHeight

XML Type Name	Description
	• FloorHeight

Release 22C Changed Element Definitions

Configuration.xsd

XML Type Name	Description
UserType	Added • AutoApproveRuleProfileGid

Finance.xsd

VoucherType	Added • VoucherInvoiceLineVat • ShipmentGroup • ShipmentGroupGid
VoucherInvoiceLineVatType	Added • VoucherGid • InvoiceGid • LineItemSeqNumber • VatSeqNumber • VatCodeGid • VatAmount • ExchangeRateInfo
AllocReleaseDetailType	Added • VatCodeGid
AllocReleaseLineDetailType	Added • VatCodeGid
AllocTransOrderLineDetailType	Added • VatCodeGid

AllocationBaseType	Added • ShipmentGroup • ShipmentGroupGid

LocationContact.xsd

XML Type Name	Description
ServiceProviderType	Added • FlexFieldStrings • FlexFieldNumbers • FlexFieldDates

Order.xsd

XML Type Name	Description
ReleaseAllocShipmentDetailType	Added • VatCodeGid

Planning.xsd

XML Type Name	Description
ItineraryType	Modified • ItineraryType (made optional)

Shipment.xsd

XML Type Name	Description
ServiceProviderType	Added • FlexFieldStrings • FlexFieldNumbers • FlexFieldDates
ShipmentHeaderType	Added

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XML Type Name	Description
	• ReservationNumber
ShipmentHeader2Type	Added • ProjectedTourName • ProjectedTourSequenceNum
ShipmentCostType	Added • FlexFieldStrings • FlexFieldNumbers • FlexFieldDates • FlexFieldCurrencies

Release 22B Changed Element Definitions

GTM.xsd

XML Type Name	Description
GtmStructureType	Added • AlternateDesignator

Release 22A Changed Element Definitions

Finance.xsd

XML Type Name	Description
AllocReleaseDetailType	Added • AllocSeqNo • AllocCostSeqno
AllocReleaseLineDetailType	Added • AllocSeqNo • AllocCostSeqno
AllocTransOrderLineDetailType	Added

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XML Type Name	Description
	• AllocSeqNo • AllocCostSeqno

GenericTransaction.xsd

XML Type Name	Description
ItemQualificationType	Added • CountryOfImport • RVCPercentage • MinOpsMet • ROOAttribute • WhollyOriginated • ItemQualificationConditions
ItemQualificationConditionType	Added • ItemQualificationGid • ConditionShortName • ConditionDescription • IsApplied

GTM.xsd

XML Type Name	Description
GtmTransactionLine	Added • GtmStructureValue • CountryOfExport • CountryOfImport
GtmTransaction	Added • CountryOfExport • CountryOfImport
GtmStructureValueType	Added • GtmValueQualifierGid • CurrencyValue • ExchangeRateGid

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XML Type Name	Description
	• ExchangeRateDate

Item.xsd

XML Type Name	Description
RIQQueryType	Added • LegPosition

LocationContact.xsd

XML Type Name	Description
ApptRuleSetType	Added • MaximumShipUnitsAllowed

Order.xsd

XML Type Name	Description
ReleaseType	Added • TrackingEvents
ReleaseAllocShipmentType	Added • AllocSeqNo
ReleaseAllocShipmentDetailType	Added • AllocSeqNo • AllocCostSeqno
TransOrderType	Added • Status

Shipment.xsd

XML Type Name	Description
TenderResponseType	Added

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XML Type Name	Description
	• ConditionalSpotBid
ConditionalSpotBidType	Added • BidAmount • PickupDate • SourceLocationGid • DestLocationGid • TransportModeGid • TransitTime
VesselType	Added • FlexFieldStrings • FlexFieldNumbers • FlexFieldDates
ConditionalSpotBidType	Added • IsDirect • FlightInstanceId
ShipmentType	Added • IsAirRailRouteCodeFixed • WaybillDate

ShipUnit.xsd

XML Type Name	Description
ShipUnitType	Added • IsFixedEruCount • SShipUnitEquipRefUnit
EquipmentRefUnitType	Modified • TotalNumReferenceUnits (made optional)

Release 21C Changed Element Definitions

Finance.xsd

XML Type Name	Description
AllocReleaseDetail	Added • FlexFieldStrings • FlexFieldNumbers • FlexFieldDates • FlexFieldCurrencies
AllocReleaseLineDetail	Added • FlexFieldStrings • FlexFieldNumbers • FlexFieldDates • FlexFieldCurrencies
AllocTransOrderLineDetail	Added • TransOrderLineGid • Description • AccessorialCodeGid • Cost • GeneralLedgerGid • InvoiceGid • AssignedNum • CostTypeGid • FlexFieldStrings • FlexFieldNumbers • FlexFieldDates • FlexFieldCurrencies

GTM.xsd

XML Type Name	Description
GtmStructure	Added • PartnerGid

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XML Type Name	Description
	• PartnerSiteGid
	• InventoryOrganizationGid
	• FlexFieldStrings
	• FlexFieldNumbers
	• FlexFieldDates
GtmStructureComponent	Added • PartnerGid • PartnerSiteGid • InventoryOrganizationGid • FlexFieldStrings • FlexFieldNumbers • FlexFieldDates

Item.xsd

XML Type Name	Description
ItemValueSet	Added • TransactionCode • IntSavedQuery • InventoryOrganizationGid • PartnerGid • PartnerSiteGid • PackageItemGid • CountryOfOriginGid • LotNumber • SerialNumber • SeqNumber • Identifier1 • Identifier2 • Identifier3 • ItemValue
ItemValueType	Added • GtmValueQualifierGid • Value • ExchangeRateGid • ExchangeRateDate

XML Type Name	Description
	• SeqNumber
ItemOrigin	Added • GtmStructureGid Modified • CountryOfOriginGid

LocationContact.xsd

XML Type Name	Description
ActivityTimeDef	Added • ServprovProfileGid • EquipmentGroupProfileGid
Location	Added • EruGrouping

Order.xsd

XML Type Name	Description
ReleaseLine	**Added** • **PackWithGroup**
ReleaseHeader	Added • EarlySailDt • LateSailDt • VoyageGid

Rate.xsd

XML Type Name	Description
RATE_GEO_COST	Added • OPERAND_QUALIFIER1 • OPERAND_QUALIFIER2 • OPERAND_QUALIFIER3

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XML Type Name	Description
	• OPERAND_QUALIFIER4
	• CHARGE_QUALIFIER1
	• CHARGE_QUALIFIER2
	• CHARGE_BREAK_COMP_QUALIFIER1
	• CHARGE_BREAK_COMP_QUALIFIER2
ACCESSORIAL_COST	Added
	• OPERAND_QUALIFIER1
	• OPERAND_QUALIFIER2
	• OPERAND_QUALIFIER3
	• OPERAND_QUALIFIER4
	• CHARGE_QUALIFIER1
	• CHARGE_QUALIFIER2
	• CHARGE_BREAK_COMP_QUALIFIER1
	• CHARGE_BREAK_COMP_QUALIFIER2

Shipment.xsd

XML Type Name	Description
ShipmentStop	Added
	• PredictedArrival
	• PredictedArrivalLow
	• PredictedArrivalHigh

Release 21A Changed Element Definitions

Configuration.xsd

XML Type Name	Description
User	Added
	• FirstName
	• LastName
	• EmailAddress

Document.xsd

XML Type Name	Description
Document	Modified • EffectiveDate • ExpirationDate

Finance.xsd

XML Type Name	Description
WorkInvoice	Modified • WorkInvoiceGid
PaymentHeader	Modified • DomainName

GTM.xsd

XML Type Name	Description
ControlScreeningResult	Added • AuthorizationTypeGid
ProductClassification	Modified • TradeDirection
UserDefinedType	Modified • TypeGid • Code
UserDefinedCode	Modified • TypeGid • Code
GtmRegistrationDate	Modified • GtmRegistrationGid
GtmRegRelatedItem	Modified • GtmRegistrationGid

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XML Type Name	Description
GtmRegRelatedCommodity	Modified • GtmRegistrationGid
GtmRegRelatedUDCommodity	Modified • GtmRegistrationGid
GtmRegRelatedLicense	Modified • GtmRegistrationGid
GtmRegRelatedRegistration	Modified • GtmRegistrationGid

Item.xsd

XML Type Name	Description
HazmatItem	Modified • HazmatIndicator • HotIndicator • ResidueIndicator
GtmValue	Modified • ExchangeRateInfo

LocationContact.xsd

XML Type Name	Description
Multiple Types	Modified • Primary key element (GID/Sequence) as optional when using Integration Saved Query
Location	Added • IsWMSFacility
Contact	Modified • UseGlcredential

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Order.xsd

XML Type Name	Description
Multiple Types	Modified • Primary key element (GID/Sequence) as optional when using Integration Saved Query
SrcLoc	Modified • QuoteLocInfo
DestLoc	Modified • QuoteLocInfo
ReleaseLine	Modified • ReleaseLineGid

Planning.xsd

XML Type Name	Description
Multiple Types	Modified • Primary key element (GID/Sequence) as optional when using Integration Saved Query
Itinerary	Modified • IsMultiStop • Perspective • TotalCost • TotalTransitTime • IsDestBundlePreferred • Rank • IsActive • IsRule11
ServiceTime	Modified • Duration

Shipment.xsd

XML Type Name	Description
Multiple Types	Modified

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XML Type Name	Description
	• Primary key element (GID/Sequence) as optional when using Integration Saved Query
ShipmentStatus	Modified • ShipmentStatusType
ShipUnit	Modified • SShipUnit

Shipunit.xsd

XML Type Name	Description
ShipUnit	Modified • SShipUnit
SEquipmentSShipUnitInfo	Modified • NumStackingLayers • NumLoadingRows

TransmissionCommon.xsd

XML Type Name	Description
Multiple Types	Modified • Primary key element (GID/Sequence) as optional when using Integration Saved Query

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6 Removed, Restructured, and Deprecated Elements

Summary of Removed or Restructured Elements

This section summarizes the elements that have been removed from the schema or have had a major modification such that it will require clients to modify their existing integration code to comply with the change. These elements will normally have been deprecated in a previous release. Exceptions to this process will be clearly stated. The location of the element is given as an XPATH expression relative to the schema document root.

Release 24B
None

Release 24A
None

Release 23C
None

Release 23B
None

Release 23A
None

Release 22C
None

Release 22B
None.

Release 22A
None.

Release 21C
None.

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Release 21A

None.

Summary of Deprecated Elements

This section summarizes the elements that have been deprecated in this release. Deprecated elements have been left in the schema to minimize the impact to clients, but will be removed in the next major release. For elements that have been renamed, the old and new element names will be supported on the inbound, but only the new name will be sent on the outbound. The location of the element is given as an XPATH expression relative to the schema document root.

Release 24B

None

Release 24A

None

Release 23C

None

Release 23B

None

Release 23A

None

Release 22C

Item.xsd

XML Element	Description
ItemQualificationType/ IsQualified	This element is deprecated and its value is reflected in QualificationStatus as 'QUALIFIED' or 'NOT QUALIFIED'. Any existing integrations using this element should be updated as this element will be removed in the next major release.

Release 22B

None.

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Release 22A

Order.xsd

XML Element	Description
OrderMovement/ IsTemporary	This element is deprecated and is not used anymore. Any existing integrations using this element should be updated as this element will be removed in the next release.

Release 21C

None.

Release 21A

Item.xsd

XML Element	Description
GtmItemClassification/TradeDirection	This element is deprecated and is not used anymore. Any existing integrations using this element should be updated as this element will be removed in the next release.

LocationContact.xsd

XML Element	Description
Contact/IntQueueName	Functionality removed. Value will be ignored and field will be removed in a future release.

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