papiNet

GoodsReceipt

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Documentation

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GoodsReceipt Documentation

GoodsReceipt e-Document Overview

The ShipTo party, or authorised agent, sends a GoodsReceipt e-Document to the Supplier and/or to the Buyer acknowledging that a specific delivery or a number of deliveries in a given time period have been received and their status.

The GoodsReceipt e-Document is useful for the Supplier or Buyer who needs to know that a ShipTo party has received the goods into inventory. The Supplier or Buyer uses the GoodsReceipt e-Document to monitor physical inventory at the ShipTo Location. In some cases the Supplier or Buyer is only interested in the quantity delivered and the Purchase Order Number. The Supplier or Buyer can use the GoodsReceipt e-Document to monitor in-transit inventory, to determine transportation time, or to receive estimated transit damage information.

The GoodsReceipt e-Document may include estimated transit damage information, which is early notification prior to an actual damage claim. It is not the start of the claims process, but may be used to prevent reporting the transit damage as available inventory at the ShipTo location.

A GoodsReceipt reports on the physical receipt of goods that have been specified in one or more delivery messages. It can report if goods were received as specified in the delivery messages. If there are variances, it can detail the variances. If there are transit problems, it can report on the estimated transit damage. Based on the severity of the damage, or for other reasons, a single item or an entire shipment can be rejected.

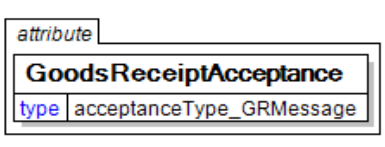
The Scope of the GoodsReceipt e-Document

The GoodsReceipt e-Document can include:

- A sender specific unique GoodsReceipt Number
- The date and time goods arrived
- Time period
- The date and time goods were unloaded
- Reference to the matching DeliveryMessage
- Buyer, Supplier, Carrier and Ship To Parties
- The condition of the goods accepted
- Received goods details including identifiers and/or total weights
- Notification of which identifiers are at variance with the DeliveryMessage and/or have Transit Damage
- Transportation Comments

GoodsReceiptAcceptance [attribute]

Defines the state of the goods received as compared to the DeliveryMessage specifications. The enumeration list is the list of choices that apply to the GoodsReceipt e-Document root.



This item is restricted to the following list.

GoodsReceivedAsIs

The delivered goods were received without inspection, or checking of the goods for damage, or accuracy against the DeliveryMessage.

GoodsReceivedAsSpecified

Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights. There is no transit damage.

GoodsReceivedCancelled

Received goods notification is being cancelled. This value is only used when the GoodsReceiptStatusType is “Cancelled.”

GoodsReceivedRejected

Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights; but there has been transit damage resulting in rejection of all goods.

GoodsReceivedWithDamage

Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights; but there has been transit damage of some items. All transit damages must be specified.

GoodsReceivedWithoutDeliveryMessage

Goods were received but there was no prior DeliveryMessage. This acceptance status applies to the entire GoodsReceipt e-Document and is available only at the e-Document level.

GoodsReceivedWithVariance

Received goods do not agree completely with the DeliveryMessage specifications. For those items at variance, actual received item identifiers and item weights must be specified.

Additionally, used with the VarianceType of “NotReceived” to indicate items that were on the DeliveryMessage but not in the Delivery as received.

GoodsReceivedWithVarianceAndDamage

Received goods do not agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights and there has been transit damage of some items. For those items at variance or with transit damage, actual received item identifiers, item weights, and transit damages must be specified.

GoodsReceivedRejectedType [attribute]

Defines the reason the goods were rejected

This item is restricted to the following list.

ExcessiveTransitDamage

The item(s) is/are damaged beyond acceptable use during transit.

ProductQuality

The delivery did not match the quality of the product ordered or requested.

TooEarly

The delivery has occurred prior to the agreed delivery date/time. For example, there is insufficient storage at the delivered time.

TooLate

The delivery has occurred after the agreed delivery date/time. For example, delivered after press date.

UnableToUnload

The delivered items cannot be unloaded. For example, damaged vehicle doors, load has shifted during transportation, or ShipTo requires reels to be palletised but they are delivered on the vehicle floor.

WrongBarCode

The barcode used to identify the product is incorrect.

WrongBasisWeight

The basis weight of the product is not what was ordered.

WrongDeliveryLocation

The product was delivered to the wrong location.

WrongDiameter

The diameter delivered is unusable. For example, a physical limitation on a reel stand is exceeded.

WrongLabel

The delivered item has incorrect or missing information, or incorrect label stock that would prevent its use. For example, insufficient peel-off barcode labels.

WrongProduct

The delivered item was not the product ordered or requested.

WrongReelWidth

The width of the reel is incorrect.

WrongVehicleType

The items have been delivered in a vehicle that cannot be unloaded at the ShipTo facility. For example, the ShipTo requires side unloading vehicles, but the delivery vehicle can only be unloaded from the rear.

WrongWrap

The delivered item is wrapped in material that will prevent its use. For example, a hole is not present in the end cap for vacuum lifting.

Business Rules for GoodsReceipt

General Business Rules

The following tables list the structure rules that apply to GoodsReceipt e-Documents.

Identifier	Business Rule
REC001	A GoodsReceipt may refer to one DeliveryMessage or to deliveries in a specified time period.
REC002	A GoodsReceipt may contain only one of BuyerParty, ShipToParty, SupplierParty, and CarrierParty per leg.
REC003	A GoodsReceipt may contain a reference to one or more PurchaseOrder(s) and one or more PurchaseOrderLineItem(s) of those PurchaseOrder(s).
REC004	Each GoodsReceiptLineItem refers to only one PurchaseOrderLineItem from one PurchaseOrder.
REC005	A GoodsReceipt may contain one or more GoodsReceiptLineItem(s), each with a sequential GoodsReceiptLineItemNumber.
REC006	Each GoodsReceiptLineItem references only one DeliveryMessageLineItemNumber
REC007	Each GoodsReceiptLineItem may contain one or more GoodsReceiptPackage element.

The following tables list the business rules that apply to GoodsReceipt e-Documents.

Identifier	Business Rule
REC008	In the rare case where a receiver wishes to receive goods without a previous electronic DeliveryMessage, the GoodsReceiptAcceptance is set to GoodsReceivedWithoutDeliveryMessage and the DeliveryMessageNumber should be set to the DeliveryMessageNumber taken from the hard copy accompanying the delivery. Completed GoodsReceiptPackage elements are required. We recommend that the receiving party work with the paper suppliers to ensure a DeliveryMessage always precedes the receiving process otherwise there will be a manual effort required.
REC009	If the CarrierParty is referenced, it is the Carrier of the last delivery leg to the ShipTo location.
REC010	If goods for the entire GoodsReceipt or for a particular GoodsReceiptLineItem are received as described in the previous DeliveryMessage (GoodsReceivedAsSpecified), then GoodsReceiptPackage elements are optional.
REC011	If goods for the entire GoodsReceipt or for a particular GoodsReceiptLineItem are not received as described in the previous DeliveryMessage or there is transit damage, then GoodsReceiptPackage(s) are required. These details can be reported for all items or on the basis of an exception from the DeliveryMessage.
REC012	A GoodsReceiptPackage enumerates received physical items using the PackageInformation structure. PackageInformation is a hierarchy that represents package details (for example, box, pallet, pulp units, reels, or sheets) on the first level, and details of the items within the package (for example, box, bale items, reams, reels, or sheets) on the next level. Each level has an Identifier field used to specify the pallet, box, multi-reel, ream, or reel identifier according to defined numbering schemes. Only the package level is required for the

Identifier	Business Rule
	GoodsReceipt e-Document.
REC013	Each GoodsReceiptPackage contains a GoodsReceiptAcceptance attribute that reports the condition of each physical item at receipt.
REC014	The GoodsReceipt e-Document does not initiate the claims process. Transit damage is included in the GoodsReceipt e-Document in order to maintain an accurate inventory. Amount of transit damage is recorded in InformationalQuantity. • Transit damage is included in the GoodsReceipt e-Document in order to maintain an accurate inventory. Amount of transit damage is recorded in InformationalQuantity.
REC015	GoodsReceipt messages must be processed in ascending date time order by the recipient of the e-Document using TransactionHistoryNumber to ensure the correct processing of replacements and/or cancellations.
REC016	If the ShipTo party sends a GoodsReceiptStatusType of Replaced or Cancelled, the OriginalGoodsReceiptNumber must be present in GoodsReceiptReference. To process a Replaced or Cancelled e-Document there must have been an “Original” GoodsReceipt e-Document.
REC017	If, when receiving the goods at the ShipTo location, the DeliveryMessage is found to be in error, then the DeliveryMessage may have to be replaced prior to being able to generate the GoodsReceipt e-Document. Based on business agreements, this may be a required action

Processing the GoodsReceipt e-Document

GoodsReceipt Status

The GoodsReceipt e-Document can be sent with one of three values in the GoodsReceiptStatusType attribute to communicate the GoodsReceipt status.

- Original – Indicates that this is the first transmission of the e-Document.
- Cancelled – Indicates that the ShipTo party wants to cancel the e-Document.
  - Per business rule REC016, the ShipTo party must reference the OriginalGoodsReceiptNumber of the original e-Document if the

GoodsReceiptStatusType is set to Cancelled.

- Replaced – Indicates that the ShipTo party wants to replace the e-Document.
  - Per business rule REC016, the ShipTo party must reference the OriginalGoodsReceiptNumber of the original e-Document if the GoodsReceiptStatusType is set to Replaced.

GoodsReceipt Acceptance

The GoodsReceiptAcceptance attribute specifies the condition of the goods at receipt. It occurs on the e-Document level, the GoodsReceiptLineItem level, and the GoodsReceiptPackage level. The choices for GoodsReceiptAcceptance at the e-Document level are:

- GoodsReceivedAsIs
  - The delivered goods were received without inspection or checking of the goods for damage or accuracy.
- GoodsReceivedAsSpecified
  - Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights. There is no obvious damage.
- GoodsReceivedWithVariance
  - Received goods do not agree completely with the DeliveryMessage specifications. For those items at variance, actual received item identifiers, item weights, and transit damage must be specified.
- GoodsReceivedWithDamage
  - Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights; but there has been transit damage on some items. All transit damages must be specified.
- GoodsReceivedWithVarianceAndDamage
  - Received goods do not agree completely with the DeliveryMessage's specifications for all lines including item identifiers and item weights and there has been transit damage of some items. For those items at variance or with transit damage, actual received item identifiers, item weights and all transit damages must be specified.
- GoodsReceivedRejected
  - Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights; but there has been transit damage or other reasons resulting in rejection of all goods.
- GoodsReceivedWithoutDeliveryMessage
  - Goods were received but there was no prior DeliveryMessage. This acceptance status applies to the entire GoodsReceipt e-Document.
- GoodsReceivedCancelled
  - Received goods notification is being cancelled. This value is only used when the GoodsReceiptStatusType is "Cancelled."

The choices for GoodsReceiptAcceptance at the line item level are:

- GoodsReceivedAsIs
  - The delivered goods were received without inspection or checking of the goods for damage or accuracy.
- GoodsReceivedAsSpecified
  - Received goods agree completely with the DeliveryMessage specifications for that line item including item identifiers and item weights. There is no

obvious damage.

- GoodsReceivedWithVariance
  - Received goods do not agree completely with the DeliveryMessage specifications for that line item. For those items at variance, actual received item identifiers, item weights, and transit damage must be specified.
- GoodsReceivedWithDamage
  - Received goods agree completely with all DeliveryMessage specifications for that line item including item identifiers and item weights; but there has been transit damage of some items. All transit damages must be specified.
- GoodsReceivedWithVarianceAndDamage
  - Received goods do not agree completely with the DeliveryMessage specifications for that line item including item identifiers and item weights and there has been transit damage of some items. For those items at variance or with transit damage, actual received item identifiers, item weights and all transit damages must be specified.
- GoodsReceivedRejected
  - Received goods agree completely with all DeliveryMessage specifications for that line item including item identifiers and item weights; but there has been transit damage or other reasons resulting in rejection of all goods.

The choices for GoodsReceiptAcceptance at the package level are:

- GoodsReceivedAsIs
  - The delivered goods were received without inspection or checking of the goods for damage or accuracy.
- GoodsReceivedAsSpecified
  - The specific received good agrees completely with the DeliveryMessage specifications including item identifiers and item weights. There is no obvious damage.
- GoodsReceivedWithVariance
  - The specific received good does not agree completely with the DeliveryMessage specifications. Actual received item identifiers and item weights must be specified.
- GoodsReceivedWithDamage
  - The specific received good agrees completely with all DeliveryMessage specifications including item identifiers and item weights; but there has been transit damage of some items. All transit damages must be specified.
- GoodsReceivedWithVarianceAndDamage
  - The specific received good does not agree completely with the DeliveryMessage specifications including item identifiers and item weights and there has been transit damage. Actual received item identifiers, item weights and all transit damages must be specified.
- GoodsReceivedRejected
  - The specific received good agrees completely with all DeliveryMessage specifications including item identifiers and item weights but there have been transit damages or other reasons resulting in rejection of the entire item.

Understanding the Diagrams and Content

This section provides a graphical view of the schema structures, a discussion of the item's children. You can find additional information about papiNet and the standard at www.papiNet.org.

The graphics contain content model indicators, cardinality indicators, and data type information.

Associated with each graphic are the definitions for the parent item and any associated child items. All attributes are listed first, followed by the elements.

The following information should help you interpret and understand this standard. Please note the following:

- Content Model and Cardinality operate together to determine if the element or attribute are required in the instance document.
- The same attribute can never appear multiple times in the same element so, you will never see a multiple cardinality indicator.

Content model indicators:

There are three possible types of content: "sequence", "choice", and "all". The papiNet standard currently does not use the "all" construct.

- (sequence)

  The sequence of the items to the right of the graphic (or below the text) is required.
- (choice)

  A choice of the items to the right of the graphic (or below the text) is permitted.
- (all)

  All the items to the right of the graphic are required.

Cardinality indicators:

- Dotted line around element or attribute.

  A single instance of the item can optionally exist.
- Dotted line around item with range indicated below.

  Multiple instances of the item can optionally exist.
- Solid line around item.

  A single instance of the item must exist.
- Solid line around item with range indicated below

  At least one instance must exist; multiple instances can optionally exist.

Datatype indication:

When a data type is assigned to an element (either a simple type or complex type the name of the data type is presented beneath the item name in the graphic.

- In some cases additional information about the data type is presented (the default value).

Elements can either have content that is textual/numeric in nature or content that is made up of additional elements and/or attributes.

- When the content is textual/numeric in nature "three straight horizontal lines" will appear in the upper left-hand corner of the graphic. Pay

attention to these elements because they are where you will be entering your information.

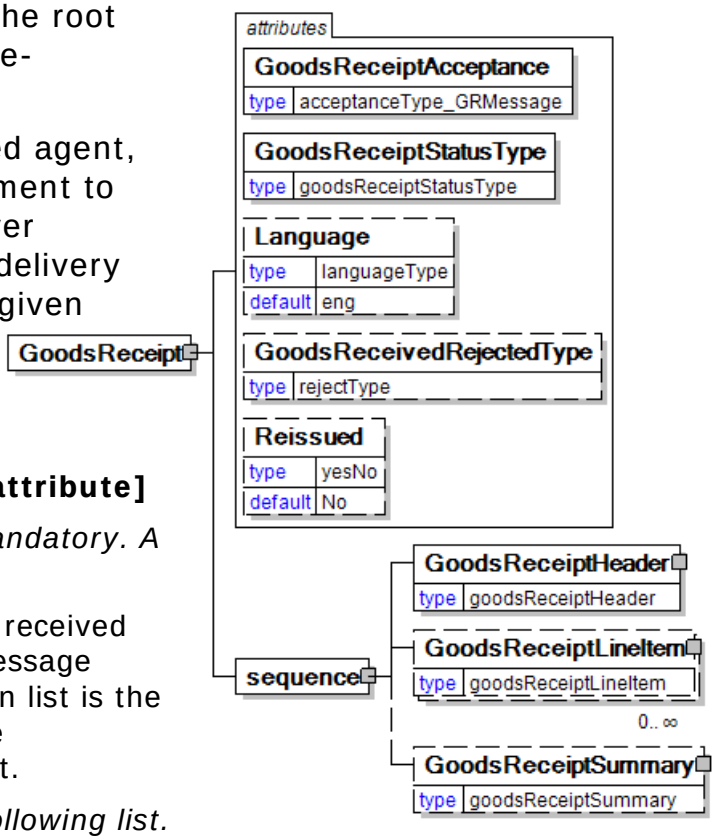
- When the content is made up of additional elements and/or attributes a “gray-box” will appear on the right-hand side of the graphic.
- If the graphic shows both the horizontal lines and the gray-box then, in the papiNet standard, the content below the element are attributes.

GoodsReceipt Root Element

GoodsReceipt

The GoodsReceipt element is the root element for the GoodsReceipt e-Document.

The ShipTo party, or authorised agent, sends a GoodsReceipt e-Document to the Supplier and/or to the Buyer acknowledging that a specific delivery or a number of deliveries in a given time period have been received and their status.



GoodsReceiptAcceptance [attribute]

GoodsReceiptAcceptance is mandatory. A single instance is required.

Defines the state of the goods received as compared to the DeliveryMessage specifications. The enumeration list is the list of choices that apply to the GoodsReceipt e-Document root.

This item is restricted to the following list.

GoodsReceivedAsIs

The delivered goods were received without inspection, or checking of the goods for damage, or accuracy against the DeliveryMessage.

GoodsReceivedAsSpecified

Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights. There is no transit damage.

GoodsReceivedCancelled

Received goods notification is being cancelled. This value is only used when the GoodsReceiptStatusType is “Cancelled.”

GoodsReceivedRejected

Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights; but there has been transit damage resulting in rejection of all goods.

GoodsReceivedWithDamage

Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights; but there has been transit damage of some items. All transit damages must be specified.

GoodsReceivedWithoutDeliveryMessage

Goods were received but there was no prior DeliveryMessage. This acceptance status applies to the entire GoodsReceipt e-Document and is available only at the e-Document level.

GoodsReceivedWithVariance

Received goods do not agree completely with the DeliveryMessage specifications. For those items at variance, actual received item identifiers and item weights must be specified.

Additionally, used with the VarianceType of “NotReceived” to indicate items that were on the DeliveryMessage but not in the Delivery as received.

GoodsReceivedWithVarianceAndDamage

Received goods do not agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights and there has been transit damage of some items. For those items at variance or with transit damage, actual received item identifiers, item weights, and transit damages must be specified.

GoodsReceiptStatusType [attribute]

GoodsReceiptStatusType is mandatory. A single instance is required.

Defines the status of the entire GoodsReceipt e-Document at root level

This item is restricted to the following list.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-document.

Original

The supplied information is the first version of that information.

Replaced

The supplied information is replacing earlier supplied information. The receiver should revalidate the information in their system based upon the entire information received.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Information on the content of this attribute is available at http://www.loc.gov/standards/iso639-2/ this is the official site of the ISO 639-2 Registration Authority.

- http://www.w3.org/International/O-HTML-tags.html provides an explanation of the errata updating XML.
- http://www.ietf.org/rfc/rfc3066.txt is the key document that is referenced in the above errata.

GoodsReceivedRejectedType [attribute]

GoodsReceivedRejectedType is optional. A single instance might exist.

Defines the reason the goods were rejected

This item is restricted to the following list.

ExcessiveTransitDamage

The item(s) is/are damaged beyond acceptable use during transit.

ProductQuality

The delivery did not match the quality of the product ordered or requested.

TooEarly

The delivery has occurred prior to the agreed delivery date/time. For example, there is insufficient storage at the delivered time.

TooLate

The delivery has occurred after the agreed delivery date/time. For example, delivered after press date.

UnableToUnload

The delivered items cannot be unloaded. For example, damaged vehicle doors, load has shifted during transportation, or ShipTo requires reels to be palletised but they are delivered on the vehicle floor.

WrongBarCode

The barcode used to identify the product is incorrect.

WrongBasisWeight

The basis weight of the product is not what was ordered.

WrongDeliveryLocation

The product was delivered to the wrong location.

WrongDiameter

The diameter delivered is unusable. For example, a physical limitation on a reel stand is exceeded.

WrongLabel

The delivered item has incorrect or missing information, or incorrect label stock that would prevent its use. For example, insufficient peel-off barcode labels.

WrongProduct

The delivered item was not the product ordered or requested.

WrongReelWidth

The width of the reel is incorrect.

WrongVehicleType

The items have been delivered in a vehicle that cannot be unloaded at the ShipTo facility. For example, the ShipTo requires side unloading vehicles, but the delivery vehicle can only be unloaded from the rear.

WrongWrap

The delivered item is wrapped in material that will prevent its use. For example, a hole is not present in the end cap for vacuum lifting.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

This item is restricted to the following list.

Yes

No

(sequence)

The contents of (sequence) are mandatory. A single instance is required.

GoodsReceiptHeader

GoodsReceiptHeader is mandatory. A single instance is required.

The GoodsReceiptHeader is required and contains information common to the GoodsReceipt e-Document.

GoodsReceiptLineItem

GoodsReceiptLineItem is optional. Multiple instances might exist.

The Optional GoodsReceiptLineItem specifies how a shipment was received for an individual delivery line for one purchase order and purchase order line item.

GoodsReceiptSummary

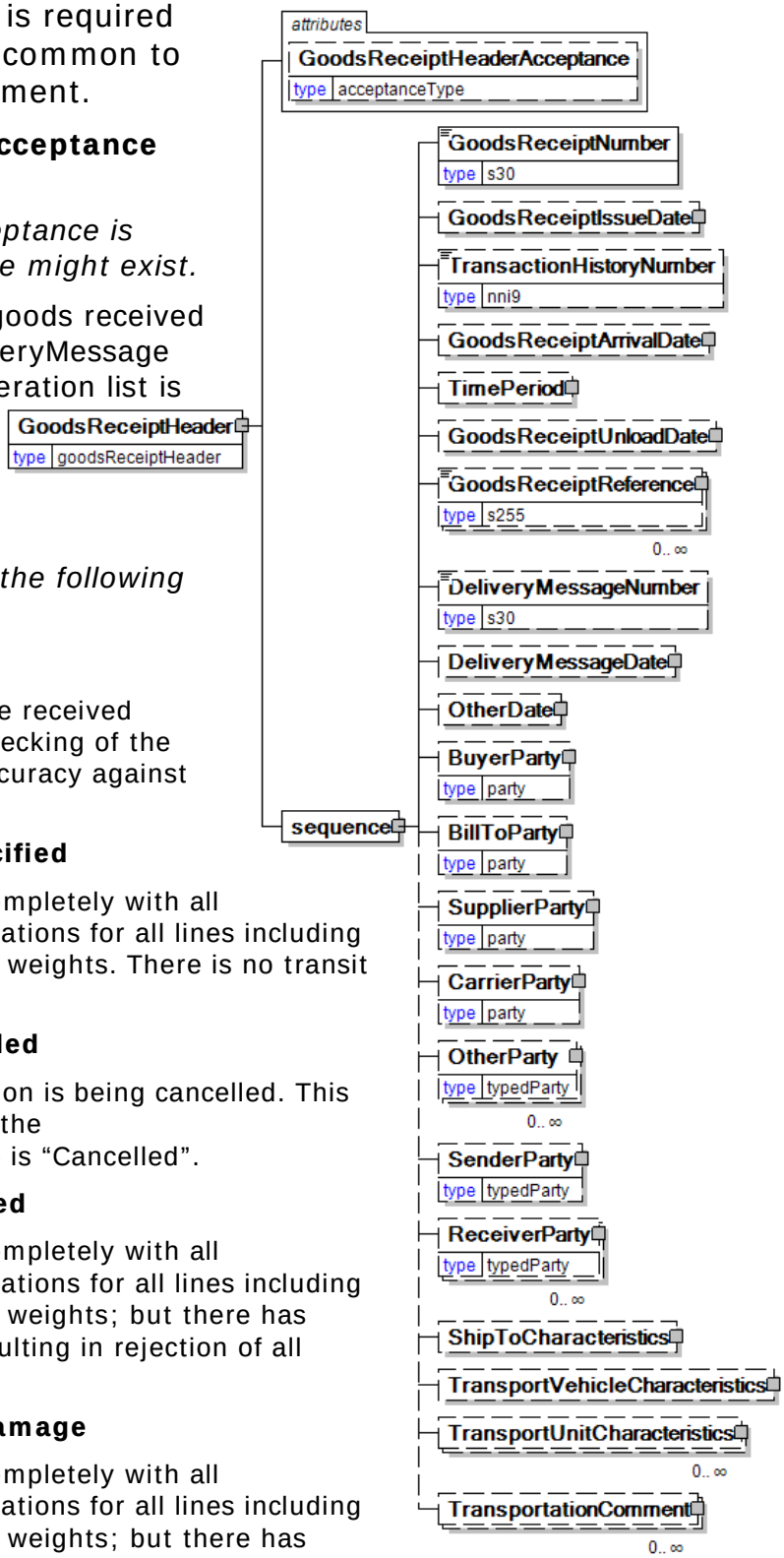
GoodsReceiptSummary is optional. A single instance might exist.

Summary information that applies to the entire GoodsReceipt e-Document.

Primary Elements

GoodsReceiptHeader

The GoodsReceiptHeader is required and contains information common to the GoodsReceipt e-Document.



GoodsReceiptHeaderAcceptance [attribute]

GoodsReceiptHeaderAcceptance is optional. A single instance might exist.

Defines the state of the goods received as compared to the DeliveryMessage specifications. The enumeration list is the list of choices that apply to the GoodsReceipt header and line item.

This item is restricted to the following list.

GoodsReceivedAsIs

The delivered goods were received without inspection, or checking of the goods for damage, or accuracy against the DeliveryMessage.

GoodsReceivedAsSpecified

Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights. There is no transit damage.

GoodsReceivedCancelled

Received goods notification is being cancelled. This value is only used when the GoodsReceiptStatusType is “Cancelled”.

GoodsReceivedRejected

Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights; but there has been transit damage resulting in rejection of all goods.

GoodsReceivedWithDamage

Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights; but there has been transit damage of some items. All transit damages must be specified.

GoodsReceivedWithVariance

Received goods do not agree completely with the DeliveryMessage specifications.

For those items at variance, actual received item identifiers and item weights must be specified.

Additionally, used with the VarianceType of “NotReceived” to indicate items that were on the DeliveryMessage but not in the Delivery as received.

GoodsReceivedWithVarianceAndDamage

Received goods do not agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights and there has been transit damage of some items. For those items at variance or with transit damage, actual received item identifiers, item weights, and transit damages must be specified.

(sequence)

The contents of (sequence) are mandatory. A single instance is required.

GoodsReceiptNumber

GoodsReceiptNumber is mandatory. A single instance is required.

The unique receipt identifier as agreed by the trading partners.

GoodsReceiptIssueDate

GoodsReceiptIssueDate is optional. A single instance might exist.

The date that the GoodsReceipt e-Document was created.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

GoodsReceiptArrivalDate

GoodsReceiptArrivalDate is optional. A single instance might exist.

The Date and optionally Time on which the received goods arrived.

TimePeriod

TimePeriod is optional. A single instance might exist.

The TimePeriod element is used to communicate a duration period of time as indicated in PeriodType.

GoodsReceiptUnloadDate

GoodsReceiptUnloadDate is optional. A single instance might exist.

The Date and optionally Time on which the received goods were unloaded.

GoodsReceiptReference

GoodsReceiptReference is optional. Multiple instances might exist.

A group item detailing relevant references (such as contract number) pertaining to the GoodsReceipt, as indicated by the GoodsReceiptReferenceType.

DeliveryMessageNumber

DeliveryMessageNumber is optional. A single instance might exist.

A unique delivery identifier assigned to each DeliveryMessage as agreed between the trading partners.

DeliveryMessageDate

DeliveryMessageDate is optional. A single instance might exist.

The Date and Time when the DeliveryMessage was issued.

OtherDate

OtherDate is optional. A single instance might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

BuyerParty

BuyerParty is optional. A single instance might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

BillToParty

BillToParty is optional. A single instance might exist.

The address where the invoice is to be sent.

SupplierParty

SupplierParty is optional. A single instance might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

CarrierParty

CarrierParty is optional. A single instance might exist.

The party performing the transport of the product from the pickup location to the ship-to location; could be a hauler.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a business document.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the business document, the source of the document.

- This is the same entity as the “From” party in the ebXML message service envelope. The entity responsible for the content. If the sender party has out sourced the transmission function to a third party the sender party is the original party not the party performing the transmission service.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the business document is intended, the destination of the document.

- This is the same entity as the “To” party in the ebXML message service envelop. The entity interested in the content. If the receiver party has outsourced the message receipt function to a third party the receiver party is the intended party not the party performing the receiving process.

ShipToCharacteristics

ShipToCharacteristics is optional. A single instance might exist.

A group item that provides information important for the Ship-To Party.

A group item that provides information important for the Ship-To Party.ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

TransportVehicleCharacteristics

TransportVehicleCharacteristics is optional. A single instance might exist.

A group item containing information about a transport vehicle, e.g. a truck. A transport vehicle has its own power and can be used to pull, push, carry, or tow a transport unit loaded with goods.

TransportUnitCharacteristics

TransportUnitCharacteristics is optional. Multiple instances might exist.

A group item containing information about a transport unit, e.g. a trailer. Transport units contain goods and move using power from another source, the transport vehicle.

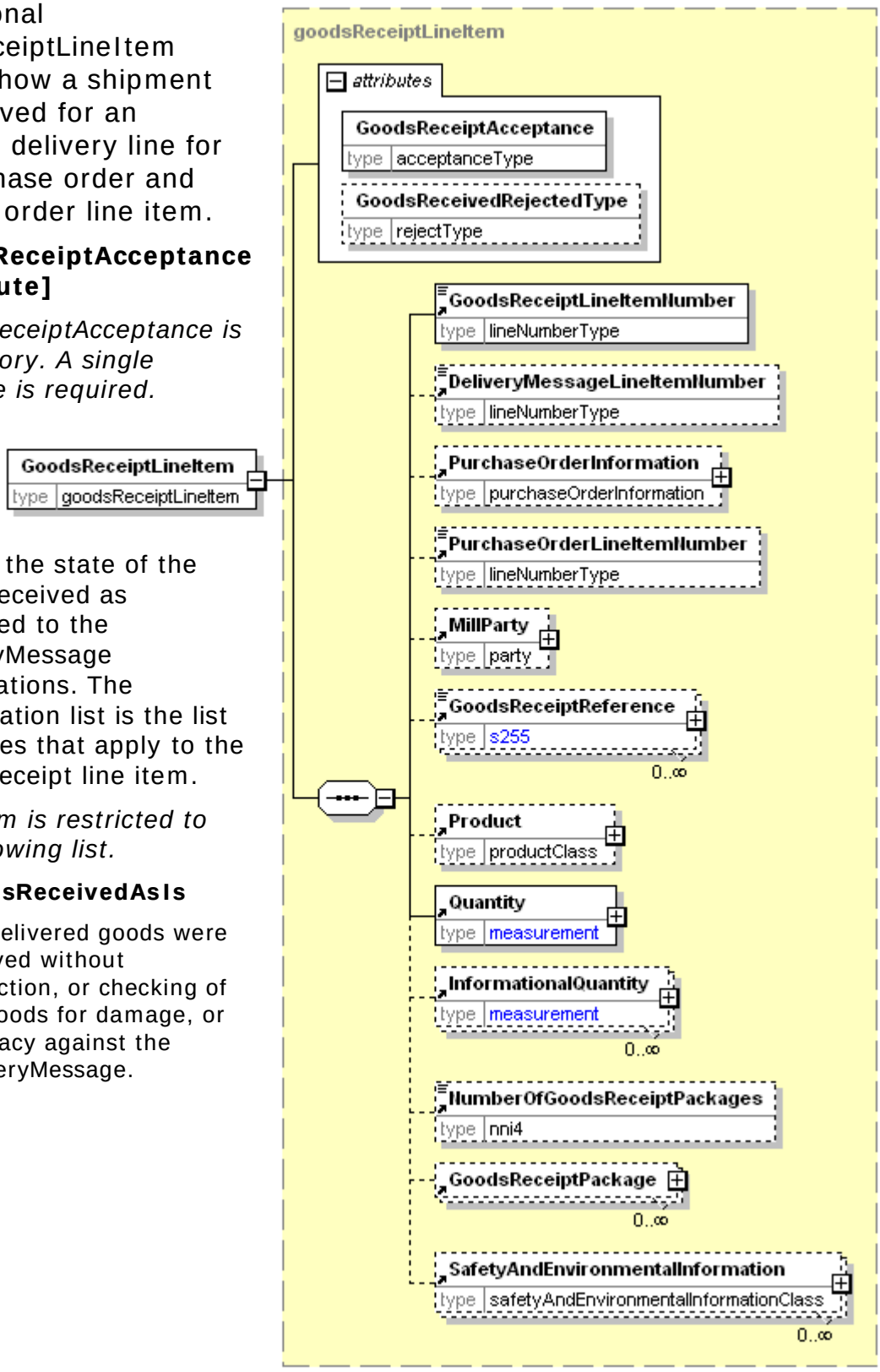
TransportationComment

TransportationComment is optional. Multiple instances might exist.

Textual Commentary on Transportation for an entire GoodsReceipt.

GoodsReceiptLineItem

The Optional GoodsReceiptLineItem specifies how a shipment was received for an individual delivery line for one purchase order and purchase order line item.



GoodsReceiptAcceptance [attribute]

GoodsReceiptAcceptance is mandatory. A single instance is required.

Defines the state of the goods received as compared to the DeliveryMessage specifications. The enumeration list is the list of choices that apply to the GoodsReceipt line item.

This item is restricted to the following list.

GoodsReceivedAsIs

The delivered goods were received without inspection, or checking of the goods for damage, or accuracy against the DeliveryMessage.

GoodsReceivedAsSpecified

Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights. There is no transit damage.

GoodsReceivedCancelled

Received goods notification is being cancelled. This value is only used when the GoodsReceiptStatusType is “Cancelled.”

GoodsReceivedRejected

Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights; but there has been transit damage resulting in rejection of all goods.

GoodsReceivedWithDamage

Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights; but there has been transit damage of some items. All transit damages must be specified.

GoodsReceivedWithoutDeliveryMessage

Goods were received but there was no prior DeliveryMessage. This acceptance status applies to the entire GoodsReceipt e-Document and is available only at the e-Document level.

GoodsReceivedWithVariance

Received goods do not agree completely with the DeliveryMessage specifications. For those items at variance, actual received item identifiers and item weights must be specified.

Additionally, used with the VarianceType of “NotReceived” to indicate items that were on the DeliveryMessage but not in the Delivery as received.

GoodsReceivedWithVarianceAndDamage

Received goods do not agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights and there has been transit damage of some items. For those items at variance or with transit damage, actual received item identifiers, item weights, and transit damages must be specified.

GoodsReceivedRejectedType [attribute]

GoodsReceivedRejectedType is optional. A single instance might exist.

Defines the reason the goods were rejected

This item is restricted to the following list.

ExcessiveTransitDamage

The item(s) is/are damaged beyond acceptable use during transit.

ProductQuality

The delivery did not match the quality of the product ordered or requested.

TooEarly

The delivery has occurred prior to the agreed delivery date/time. For example, there is insufficient storage at the delivered time.

TooLate

The delivery has occurred after the agreed delivery date/time. For example, delivered after press date.

UnableToUnload

The delivered items cannot be unloaded. For example, damaged vehicle doors, load has shifted during transportation, or ShipTo requires reels to be palletised but they are delivered on the vehicle floor.

WrongBarCode

The barcode used to identify the product is incorrect.

WrongBasisWeight

The basis weight of the product is not what was ordered.

WrongDeliveryLocation

The product was delivered to the wrong location.

WrongDiameter

The diameter delivered is unusable. For example, a physical limitation on a reel stand is exceeded.

WrongLabel

The delivered item has incorrect or missing information, or incorrect label stock that would prevent its use. For example, insufficient peel-off barcode labels.

WrongProduct

The delivered item was not the product ordered or requested.

WrongReelWidth

The width of the reel is incorrect.

WrongVehicleType

The items have been delivered in a vehicle that cannot be unloaded at the ShipTo facility. For example, the ShipTo requires side unloading vehicles, but the delivery vehicle can only be unloaded from the rear.

WrongWrap

The delivered item is wrapped in material that will prevent its use. For example, a hole is not present in the end cap for vacuum lifting.

(sequence)

The contents of (sequence) are mandatory. A single instance is required.

GoodsReceiptLineItemNumber

GoodsReceiptLineItemNumber is mandatory. A single instance is required.

A sequential number that uniquely identifies the GoodsReceipt line item.

DeliveryMessageLineItemNumber

DeliveryMessageLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the delivery line item.

PurchaseOrderInformation

PurchaseOrderInformation is optional. A single instance might exist.

A group item containing information unique to this purchase order, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a Purchase Order in Vendor Managed Inventory. Freight invoices also will not have a Purchase Order number.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the purchase order line item.

MillParty

MillParty is optional. A single instance might exist.

The organisation or business entity that actually produces the product.

GoodsReceiptReference

GoodsReceiptReference is optional. Multiple instances might exist.

A group item detailing relevant references (such as contract number) pertaining to the GoodsReceipt, as indicated by the GoodsReceiptReferenceType.

Product

Product is optional. A single instance might exist.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

NumberOfGoodsReceiptPackages

NumberOfGoodsReceiptPackages is optional. A single instance might exist.

A count of the number of packages detailed in the GoodsReceiptLineItem.

GoodsReceiptPackage

GoodsReceiptPackage is optional. Multiple instances might exist.

This element represents the manner in which the goods receipt is packaged.

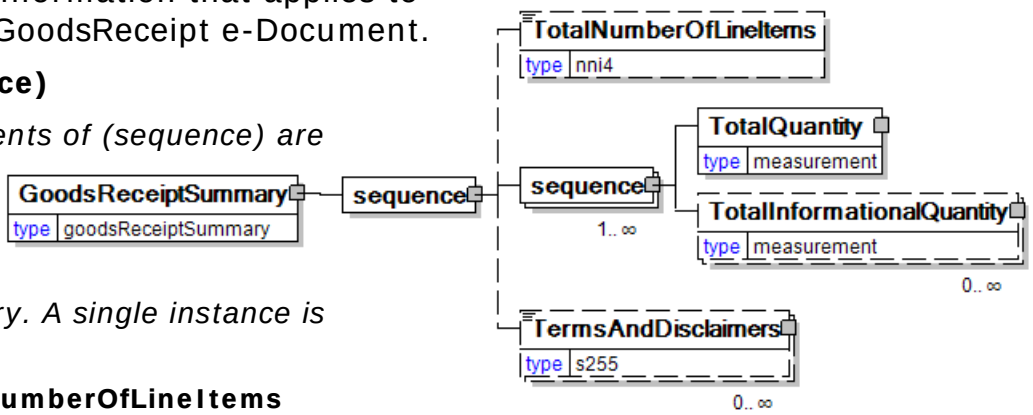
SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

GoodsReceiptSummary

Summary information that applies to the entire GoodsReceipt e-Document.



(sequence)

The contents of (sequence) are mandatory. A single instance is required.

TotalNumberOfLineItems

TotalNumberOfLineItems is optional. A single instance might exist.

The total number of individual line items in the document, regardless of the status or type.

(sequence)

The contents of (sequence) are mandatory. One instance is required, multiple instances might exist.

TotalQuantity

TotalQuantity is mandatory. A single instance is required.

The total quantity of similar items in the business document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.

TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

Appendix

Re-use of PackageInformation from the DeliveryMessage.

Because each GoodsReceipt e-Document pertains to only one corresponding DeliveryMessage, and each GoodsReceiptLineItem corresponds to one DeliveryMessageLineItem, the PackageInformation structure can be re-used to indicate the physical packages received when this level of detail is required.

Item level information, such as BaleItem, Box, Pallet, ReelItem, etc., although supported by PackageInformation, is not required in the GoodsReceipt e-Document. Only package level information needs be reported.

GoodsReceipt Business Scenarios

GoodsReceipt Scenario Listing

Scenario A	A GoodsReceipt is sent indicating that goods were received as specified in the DeliveryMessage.
Scenario B	A GoodsReceipt is sent with multiple GoodsReceiptLineItem(s): • Line 1 was received as specified in the DeliveryMessage • Line 2 was received with variance from the DeliveryMessage
Scenario C	A GoodsReceipt is sent with multiple GoodsReceiptLineItem(s): • Line 1 was received as specified in the DeliveryMessage and without transit damage • Line 2 was received with transit damage
Scenario D	A GoodsReceipt is sent with multiple GoodsReceiptLineItem(s): • Line 1 was received as specified in the DeliveryMessage and without transit damage • Line 2 was received with variance and transit damage
Scenario E	A GoodsReceipt is sent with multiple GoodsReceiptLineItem(s) and the entire Delivery is rejected because of transit damage.
Scenario F	A GoodsReceipt is sent with multiple GoodsReceiptLineItem(s): • Line 1 is received as specified • Line 2 was rejected for transit damage.
Scenario G	A GoodsReceipt is sent that corrects an erroneous GoodsReceipt.
Scenario H	A GoodsReceipt is sent that cancels an erroneous GoodsReceipt.

Scenario A

e-Document	GoodsReceipt
Scenario	A GoodsReceipt is sent indicating that goods were received as specified in the DeliveryMessage. • Ship-To Party validates that the shipment is

	consistent with the DeliveryMessage
Outcome	Supplier's system is updated to note receipt. Additional parties update their systems, if desired.
Initiator	Ship-To Party from the DeliveryMessage
Receiver	Supplier • Additional parties can receive this e-Document, typically the Buyer.
Step 1.	The following e-Document level items are set: • GoodsReceiptAcceptance attribute to "GoodsReceivedAsSpecified". • GoodsReceiptStatusType attribute to "Original"
Step 2.	The following header level items are set: • GoodsReceiptNumber to the Ship-To's tracking number. • DeliveryMessageNumber is communicated
Step 3.	The following summary level items are set: • TotalQuantity to the total weight, count, volume or some other readily identifiable quantity type. • Only Header and Summary are required.

Scenario B

e-Document	GoodsReceipt
Scenario	A GoodsReceipt is sent with multiple GoodsReceiptLineItem(s): • Line 1 was received as specified in the DeliveryMessage • Line 2 was received with variance from the DeliveryMessage.
Outcome	Supplier's system is updated to note receipt. Additional parties update their systems, if desired.
Initiator	Ship-To Party from the DeliveryMessage
Receiver	Supplier • Additional parties can receive this e-Document, typically the Buyer.
Overview	Ship-To party determines that the shipment is consistent with the DeliveryMessage for

	GoodsReceiptLineItem 1; but there is weight or identifier variances with GoodsReceiptLineItem 2 • The DeliveryMessage for GoodsReceiptLineItem 1 had 10 reels weighing a total of 17,500 pounds. Receiving Department validated that all identifiers and weights were accurate. • The DeliveryMessage for GoodsReceiptLineItem 2 specified 3 reels weighing 4,500 pounds. Receiving Department uncovered a discrepancy where a reel identifier B was specified in the delivery e-Document but reel identifier C was actually sent.
Step 1.	The following e-Document level items are set: • GoodsReceiptAcceptance attribute = “GoodsReceivedWithVariance”. • GoodsReceiptStatusType attribute = “Original”
Step 2.	The following header level items are set: • GoodsReceiptNumber to the Ship-To’s tracking number • DeliveryMessageNumber is communicated
Step 3	The following items are set for line item 1: • GoodsReceiptAcceptance attribute = “GoodsReceivedAsSpecified”
Step 4	The following items are set for line item 2: • GoodsReceiptAcceptance attribute = “GoodsReceivedWithVariance” • GoodsReceiptPackage is required it details the actual identifiers and weights received. • Those items that are at variance are marked with a GoodsReceiptAcceptance = “GoodsReceivedWithVariance” (See next step.)
Step 5	The following summary level items are set: • TotalQuantity representing the total gross weight and related Informational Quantities.

Scenario C

e-Document	GoodsReceipt
Scenario	A GoodsReceipt is sent with multiple GoodsReceiptLineItem(s): • Line 1 was received as specified in the DeliveryMessage and without transit damage

	• Line 2 was received with transit damage
Outcome	Supplier system is updated to note receipt and record transit damage. • Additional parties update their systems, if desired.
Initiator	Ship-To Party from the DeliveryMessage
Receiver	Supplier • Additional parties can receive this e-Document, typically the Buyer.
Trigger	Goods have been received and unloaded at ShipTo Location.
Overview	ShipTo party determines that the shipment is consistent with the DeliveryMessage for GoodsReceiptLineItem 1 but there is transit damage on GoodsReceiptLineItem 2
Step 1.	The following e-Document level items are set: • GoodsReceiptAcceptance attribute = “GoodsReceivedWithDamage” • GoodsReceiptStatusType attribute = “Original”
Step 2.	The following header level items are set: • GoodsReceiptNumber to the Ship-To’s tracking number • DeliveryMessageNumber is communicated
Step 3.	The following items are set for line item 1: • GoodsReceiptAcceptance attribute = “GoodsReceivedAsSpecified”

Scenario D

e-Document	GoodsReceipt
Scenario	A GoodsReceipt is sent with multiple GoodsReceiptLineItem(s) where GoodsReceiptLineItem 1 was received with no variances and without transit damage while GoodsReceiptLineItem 2 was received with variances and with transit damage.
Outcome	Supplier’s system is updated to note receipt and record transit damage. • Additional parties update their systems, if

	desired.
Initiator	Ship-To Party from the DeliveryMessage
Receiver	Supplier • Additional parties can receive this e-Document, typically the Buyer.
Overview	Ship-To party doesn't have time to verify that the shipment is consistent with the DeliveryMessage for GoodsReceiptLineItem 1 but that GoodsReceiptLineItem 2 has both transit damage and variance with the DeliveryMessage. • In this example, one of the pallets, P, shipped in GoodsReceiptLineItem 2 had a DeliveryMessage quantity of 3000 kg and is actually weighed as only 1800 kg • An additional pallet, Q, has transit damage.
Trigger	Goods have been received and unloaded at ShipTo Location.
Step 1.	The following e-Document level items are set: • GoodsReceiptAcceptance attribute = "GoodsReceivedWithVarianceAndDamage" • GoodsReceiptStatusType attribute = "Original"
Step 2.	The following header level items are set: • GoodsReceiptNumber to the Ship-To's tracking number • DeliveryMessageNumber is communicated
Step 3.	The following items are set for line item 1: • GoodsReceiptAcceptance attribute = "GoodsReceivedAsIs" • Receiving department did not have time to check the shipment.
Step 4.	The following items are set for line item 2: • GoodsReceiptAcceptance attribute = "GoodsReceivedWithVarianceAndDamage"
Step 5.	GoodsReceiptPackage is required it details the actual identifiers and weights received. • Those items that have damage are marked with a GoodsReceiptAcceptance = "GoodsReceivedWithVarianceAndDamage". • Those items that have damage report the quantity of damage using

	InformationalQuantity with a QuantityTypeContext of “UnspecifiedDamage”
Step 6.	Pallet P has a VarianceType of “DifferingWeights” • Actual received quantity is specified
Step 7.	Pallet Q reports the quantity of transit damage • In InformationalQuantity with a QuantityTypeContext of “UnspecifiedDamage”.
Step 8.	The following summary level items are set: • TotalQuantity represnting the total gross weight and related Informational Quantities.

Scenario E

e-Document	GoodsReceipt
Scenario	A GoodsReceipt is sent with multiple GoodsReceiptLineItem(s) and the entire Delivery is rejected because it was shipped using an incompatible vehicle.
Outcome	Supplier’s system is updated to record transit damage. • Additional parties update their systems, if desired.
Initiator	ShipTo Party from the DeliveryMessage
Receiver	Supplier • Additional parties can receive this e-Document, typically the Buyer.
Overview	ShipTo party determines that the shipment cannot be accepted because an incompatible vehicle cannot be unloaded; the shipment is completely rejected.
Trigger	Goods have been received and refused at ShipTo Location.
Step 1.	The following e-Document level items are set: • GoodsReceiptStatusType attribute to “Original” • GoodsReceiptAcceptance to “GoodsReceivedRejected” • GoodsReceivedRejectedType is set to “WrongVehicleType”
Step 2.	The following header level items are set: • GoodsReceiptNumber to the Ship-To’s tracking

	number • DeliveryMessageNumber is communicated
Step 3.	The following items are set for line item 1 and 2: • GoodsReceiptAcceptance set to "GoodsReceivedRejected" • GoodsReceiptPackage is not required
Step 4.	The following summary level items are set: • TotalQuantity representing the total gross weight and related Informational Quantities.

Scenario F

e-Document	GoodsReceipt
Scenario	A GoodsReceipt is sent with multiple GoodsReceiptLineItem(s): • Line 1 is received as specified • Line 2 was rejected for transit damage
Outcome	Supplier's system is updated to record received goods and transit damage. • Additional parties update their systems, if desired.
Initiator	ShipTo Party from the DeliveryMessage
Receiver	Supplier • Additional parties can receive this e-Document, typically the Buyer.
Overview	ShipTo party determines that the shipment: • Line 1 is received consistent with the DeliveryMessage. • Line 2 has a high degree of transit damage resulting in rejection for Transit damage
Trigger	Goods have been received and unloaded at ShipTo Location.
Step 1.	The following e-Document level items are set: • GoodsReceiptStatusType attribute to "Original" • GoodsReceiptAcceptance to "GoodsReceivedWithDamage"
Step 2.	The following header level items are set: • GoodsReceiptNumber to the Ship-To's tracking number

	• DeliveryMessageNumber is communicated
Step 3.	The following items are set for line item 1: • GoodsReceiptAcceptance attribute = "GoodsReceivedAsSpecified" • GoodsReceiptPackage is not required.
Step 4.	The following items are set for line item 2: • GoodsReceiptAcceptance attribute = "GoodsReceivedRejected" • GoodsReceivedRejectedType details why the goods were rejected, "ExcessiveTransitDamage" • GoodsReceiptPackage is not required
Step 5.	The following summary level items are set: • TotalQuantity representing the total gross weight and related Informational Quantities.

Scenario G

e-Document	GoodsReceipt
Scenario	A GoodsReceipt is sent that corrects an erroneous GoodsReceipt.
Outcome	The Original GoodsReceipt Information is removed from the Supplier's system and is replaced with the Replacement GoodsReceipt Information. • Additional parties update their systems if desired.
Initiator	Ship To Party from the DeliveryMessage
Receiver	Supplier • Additional parties can receive this e-Document, typically the Buyer.
Preconditions	Goods were received and an Original Receipt was sent. The Receipt is in error and should be replaced. • Ship To Party sends an "Original" GoodsReceipt that includes GoodsReceiptLineItem information.
Overview	Ship To replaces the entire GoodsReceipt. • GoodsReceiptStatusType is set to "Replaced". The new e-Document contains full replacement information.

Trigger	An error in the original GoodsReceipt is noted.
Step 1.	The following e-Document level items are set: • GoodsReceiptStatusType attribute to "Replaced" • GoodsReceiptAcceptance set appropriately
Step 2.	The following header level items are set: • GoodsReceiptNumber to the Ship-To's tracking number • DeliveryMessageNumber is communicated • In the GoodsReceiptReference, the ReferenceType attribute is set to "OriginalGoodsReceiptNumber". The element contains that number.
Step 3.	The appropriate items are set for each line item
Step 4.	The appropriate items are set for the summary

Scenario H

e-Document	GoodsReceipt
Scenario	A GoodsReceipt is sent that cancels an erroneous GoodsReceipt.
Outcome	The Cancelled GoodsReceipt Information is removed from the Supplier's system. • Additional parties update their systems, if desired.
Initiator	Ship To Party from the DeliveryMessage
Receiver	Supplier • Additional parties can receive this e-Document, typically the Buyer.
Preconditions	Goods were received and an Original GoodsReceipt was sent, to the wrong party. The GoodsReceipt is in error and should be cancelled.
Overview	Ship To party cancels with a cancellation GoodsReceipt: • GoodsReceiptStatusType is set to "Cancelled". The new e-Document contains no replacement information. • In the GoodsReceiptReference, the ReferenceType attribute is set to "OriginalGoodsReceiptNumber". The element

	contains that number.
Trigger	The error in the original GoodsReceipt is noted.
Step 1.	The following e-Document level items are set: • GoodsReceiptStatusType attribute to "Cancelled" • GoodsReceiptAcceptance attribute = "GoodsReceivedCancelled"
Step 2.	The following header level items are set: • GoodsReceiptNumber to the Ship-To's tracking number • DeliveryMessageNumber is communicated • In the GoodsReceiptReference, the ReferenceType attribute is set to "OriginalGoodsReceiptNumber". The element contains that number.
Step 3.	The following summary level items are set: • TotalQuantity representing the total gross weight and related Informational Quantities. • Only Header and Summary are required.