



papiNet

CreditDebitNote

papiNet Standard - Version 2.31

Documentation

**Global Standard for the Paper and Forest
Products Supply Chain**

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CreditDebitNote

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CreditDebitNote Documentation

CreditDebitNote e-Document Overview

The CreditDebitNote e-Document is generally used by the SupplierParty to compensate or charge the trading parties (ShipToParty, BuyerParty, OtherParty, etc.) for matters outside the scope of the invoice. Typically these matters include commercial claims, logistical claims, technical claims, invoice corrections, commissions, and rebates.

A CreditDebitNote e-Document can also originate from other trading parties involved in the transaction due to unforeseen circumstances or costs incurred.

Therefore this e-Document is multi-directional between trading parties.

The Scope of the CreditDebitNote e-Document

The CreditDebitNote e-Document must include:

- Type (Debit or Credit)
- Reason for the transaction

The CreditDebitNote e-Document can include:

- Details from the PurchaseOrder, DeliveryMessage, Invoice, or Claim.
- The trading parties' general operating procedures, bank account information, and payment terms.
- Specific contractual information.
- Details, such as general ledger distribution information, provided as a service to the trading parties.
- Tax details when applicable.

CreditDebitNoteType [attribute]

Defines the type of the CreditDebitNote e-Document. There are two types of CreditDebitNote e-Documents:



This item is restricted to the following list.

CreditNote

Credits which are provided to the receiving party for amount reductions.

DebitNote

Debits which are charged to the receiving party for additional charges.

Business Rules for CreditDebitNote

General Business Rules

Identifier	Business Rule
CrDr_001	A CreditDebitNote must contain a single reason for the transaction.

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CrDr_002	A CreditDebitNote can originate from any trading party.
CrDr_003	In the event of an incorrect CreditDebitNote being sent, corrections are handled issuing a new CreditDebitNote of the opposite type. The original document reference must be mentioned.
CrDr_004	CreditDebitNote cancellations are handled by the issuing party issuing a new CreditDebitNote of the opposite type. The original document reference must be mentioned.
CrDr_005	A CreditDebitNote can only be issued to a single receiving party, but it may refer to multiple trading parties e.g. a Company Group.
CrDr_006	A CreditDebitNote may refer to one or more customer purchase order, delivery, invoice and/or claim reference numbers.
CrDr_007	At least one instance of either the Product or ChargeOrAllowance elements is required.

Processing the CreditDebitNote e-Document

For the CreditDebitNote e-Document, all e-Document types are processed in the same way. The CreditDebitNote e-Document has an attribute, Reissued, with two values that are used when processing the e-Document.

- No - indicates that this is the first transmission of the e-Document.
- Yes - is sent by the issuing party based upon a request from the originally intended receiver of the e-Document. If the original CreditDebitNote e-Document is located after the issuing party sends a copy, the receiver can decide whether to process the original or the copy e-Document. In addition it indicates that the CreditDebitNote was sent previously.

No amendment of the CreditDebitNote e-Document is permitted. All changes must be performed by issuing a new CreditDebitNote e-Document (per business rule CrDr_003).

The issuing party is responsible for ensuring that the combination of the CreditDebitNoteNumber and CreditDebitNoteLineItemNumber are unique.

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

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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.

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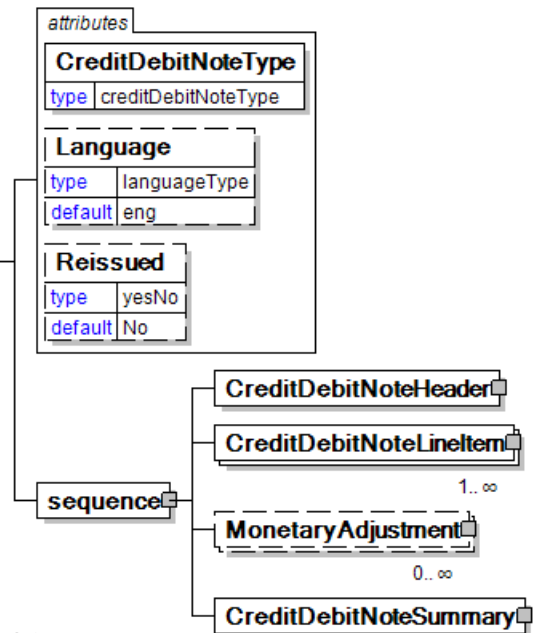
CreditDebitNote Root Element

CreditDebitNote

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

The CreditDebitNote e-Document is generally used by the SupplierParty to compensate or charge the trading parties (ShipToParty, BuyerParty, OtherParty, etc.) for matters outside the scope of the Invoice.

CreditDebitNote



CreditDebitNoteType [attribute]

CreditDebitNoteType is mandatory. A single instance is required.

Defines the type of the CreditDebitNote e-Document. There are two types of CreditDebitNote e-Documents:

This item is restricted to the following list.

CreditNote

Credits which are provided to the receiving party for amount reductions.

DebitNote

Debits which are charged to the receiving party for additional charges.

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.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

This item is restricted to the following list.

Yes

No

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(sequence)

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

CreditDebitNoteHeader

CreditDebitNoteHeader is mandatory. A single instance is required.

The CreditDebitNoteHeader contains information common to the CreditDebitNote

CreditDebitNoteLineItem

CreditDebitNoteLineItem is mandatory. One instance is required, multiple instances might exist.

CreditDebitLineItem contains the information about the Credit or Debit being issued.

- CreditDebitLineItem contains the information about the Credit or Debit being issued. Note Business Rule CrDr_007: At least one instance of either the Product or ChargeOrAllowance elements is required.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount.

MonetaryAdjustment contains an attribute that indicates the type of adjustment being communicated.

CreditDebitNoteSummary

CreditDebitNoteSummary is mandatory. A single instance is required.

Contains summary information that applies to the entire e-Document.

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Primary Elements

CreditDebitNoteHeader

The CreditDebitNoteHeader contains information common to the CreditDebitNote

(sequence)

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

CreditDebitNoteNumber

CreditDebitNoteNumber is mandatory. A single instance is required.

The unique CreditDebitNote identifier as agreed to by the trading partners.

CreditDebitNoteDate

CreditDebitNoteDate is mandatory. A single instance is required.

The issue date of the CreditDebitNote. This date often drives payment terms. Note that this date is not necessarily the same as the creation date of the CreditDebitNote.

CreditDebitNoteReference

CreditDebitNoteReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the CreditDebitNote. CreditDebitNoteReference uses the CreditDebitNoteReferenceType attribute.

CreditDebitNoteReason

CreditDebitNoteReason is mandatory. A single instance is required.

A group item containing the reason for the entire CreditDebitNote.

BillToParty

BillToParty is mandatory. A single instance is required.

The address where the invoice is to be sent.

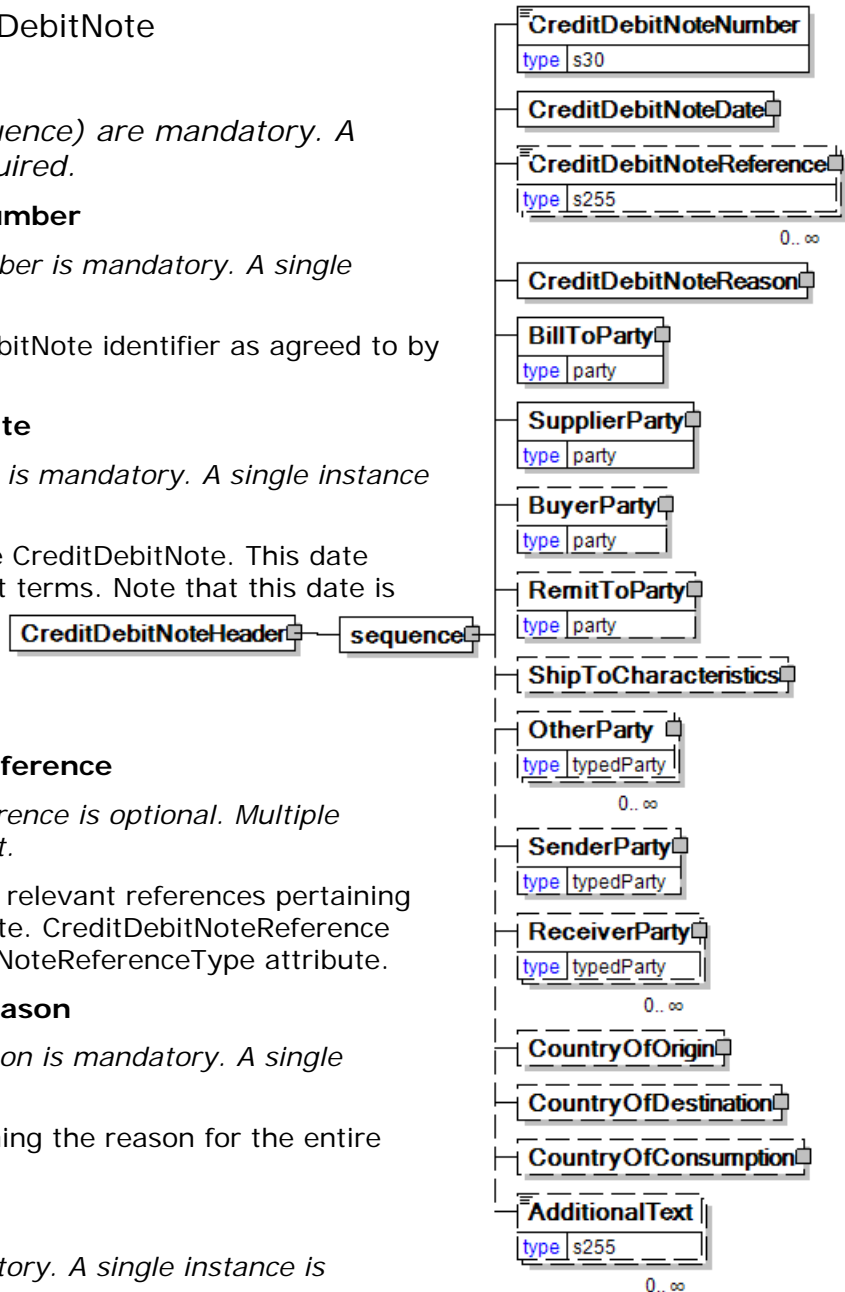
SupplierParty

SupplierParty is mandatory. A single instance is required.

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.

BuyerParty

BuyerParty is optional. A single instance might exist.



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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.

RemitToParty

RemitToParty is optional. A single instance might exist.

A group item containing details of the party to whom payment will be made. The RemitToParty contains all information related to remittance.

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.

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 outsourced 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.

CountryOfOrigin

CountryOfOrigin is optional. A single instance might exist.

The country of origin for the material.

CountryOfDestination

CountryOfDestination is optional. A single instance might exist.

The country where the goods will be, or were, shipped to.

CountryOfConsumption

CountryOfConsumption is optional. A single instance might exist.

The country of consumption for the material.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

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A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

CreditDebitNoteLineItem

CreditDebitLineItem contains the information about the Credit or Debit being issued.

- CreditDebitLineItem contains the information about the Credit or Debit being issued. Note Business Rule CrDr_007: At least one instance of either the Product or ChargeOrAllowance elements is required.

(sequence)

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

CreditDebitNoteLineItemNumber

CreditDebitNoteLineItemNumber is mandatory. A single instance is required.

A sequential number that uniquely identifies the CreditDebitNote line item.

(sequence)

The contents of (sequence) are optional. Multiple instances might exist.

PurchaseOrderInformation

PurchaseOrderInformation is mandatory. A single instance is required.

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.

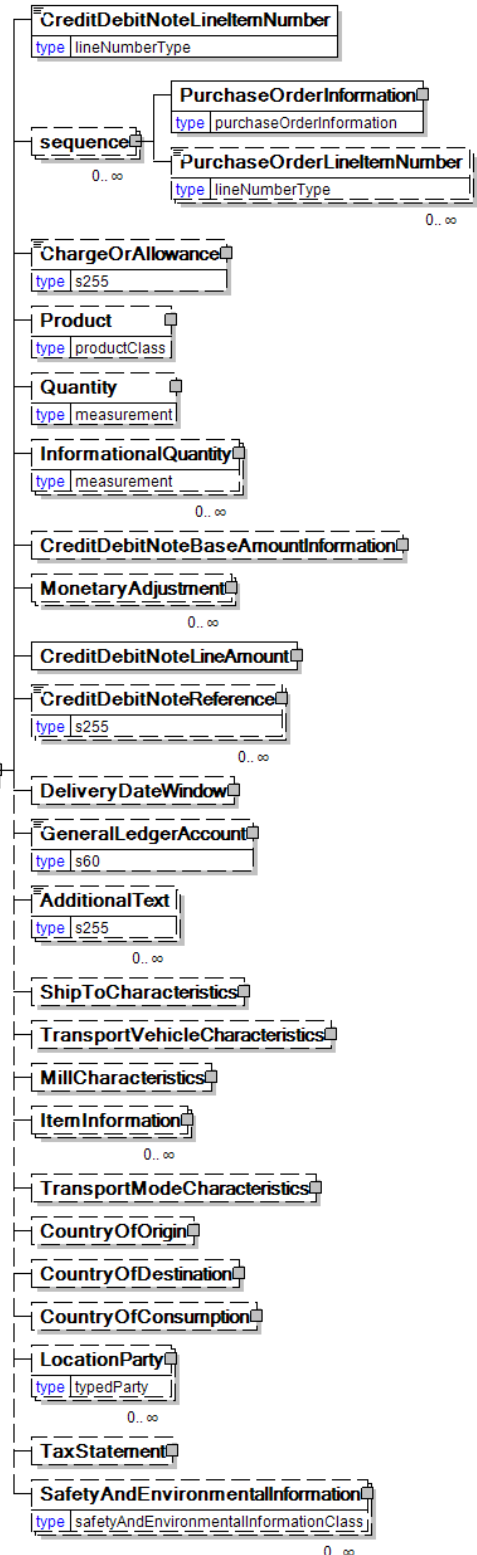
PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is optional. Multiple instances might exist.

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

ChargeOrAllowance

ChargeOrAllowance is optional. A single



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instance might exist.

The description of the charge or allowance; such as freight, special handling, and stop-off handling.

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 optional. A single instance might exist.

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.

CreditDebitNoteBaseAmountInformation

CreditDebitNoteBaseAmountInformation is optional. A single instance might exist.

A group item containing the price per unit and the CreditDebitNote amount subtotal.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

CreditDebitNoteLineAmount

CreditDebitNoteLineAmount is mandatory. A single instance is required.

The total CreditDebitNote amount per line (includes adjustments and tax)

CreditDebitNoteReference

CreditDebitNoteReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the CreditDebitNote. CreditDebitNoteReference uses the CreditDebitNoteReferenceType attribute.

DeliveryDateWindow

DeliveryDateWindow is optional. A single instance might exist.

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A group item defining the date/time interval for delivery to take place. An element which may contain the estimated date for which delivery is expected. This date is not absolute.

GeneralLedgerAccount

GeneralLedgerAccount is optional. A single instance might exist.

The general ledger account to be referenced for the item.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

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.

MillCharacteristics

MillCharacteristics is optional. A single instance might exist.

A group item defining the mill party and machine identifier where a product is or was produced.

ItemInformation

ItemInformation is optional. Multiple instances might exist.

The purpose of the ItemInformation structure is to clearly identify physical items. The attribute ItemType defines the type of physical item. Physical items can be handling units like packages as well as items contained in packages.

TransportModeCharacteristics

TransportModeCharacteristics is optional. A single instance might exist.

A group item defining the primary mode of transport.

CountryOfOrigin

CountryOfOrigin is optional. A single instance might exist.

The country of origin for the material.

CountryOfDestination

CountryOfDestination is optional. A single instance might exist.

The country where the goods will be, or were, shipped to.

CountryOfConsumption

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CountryOfConsumption is optional. A single instance might exist.

The country of consumption for the material.

LocationParty

LocationParty is optional. Multiple instances might exist.

The organization or business entity where the business event took place or will take place.

TaxStatement

TaxStatement is optional. A single instance might exist.

A group element for declaration of exception from normal charges of tax and the reason for tax exemption.

SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type if any on the goods, e.g. FSC, PEFC.

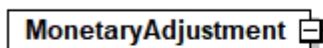
SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified. eg 75% is certified by the indicated agency.

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MonetaryAdjustment

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.



AdjustmentType [attribute]

AdjustmentType is mandatory. A single instance is required.

Describes the type of adjustment applied to a monetary oriented element. Adjustment values should always be given as negative or positive adjustments even if AdjustmentType indicates the sign. For example, a rebate of 1% on an invoice should be given as an adjustment percentage of -1%.

This item is restricted to the following list.

BillOfLadingCharge

An extra charge for creating a Bill of Lading.

CancellationCharge

A charge applied because a cancellation was late (after the last date of change) and all or part of the ordered product has already been made.

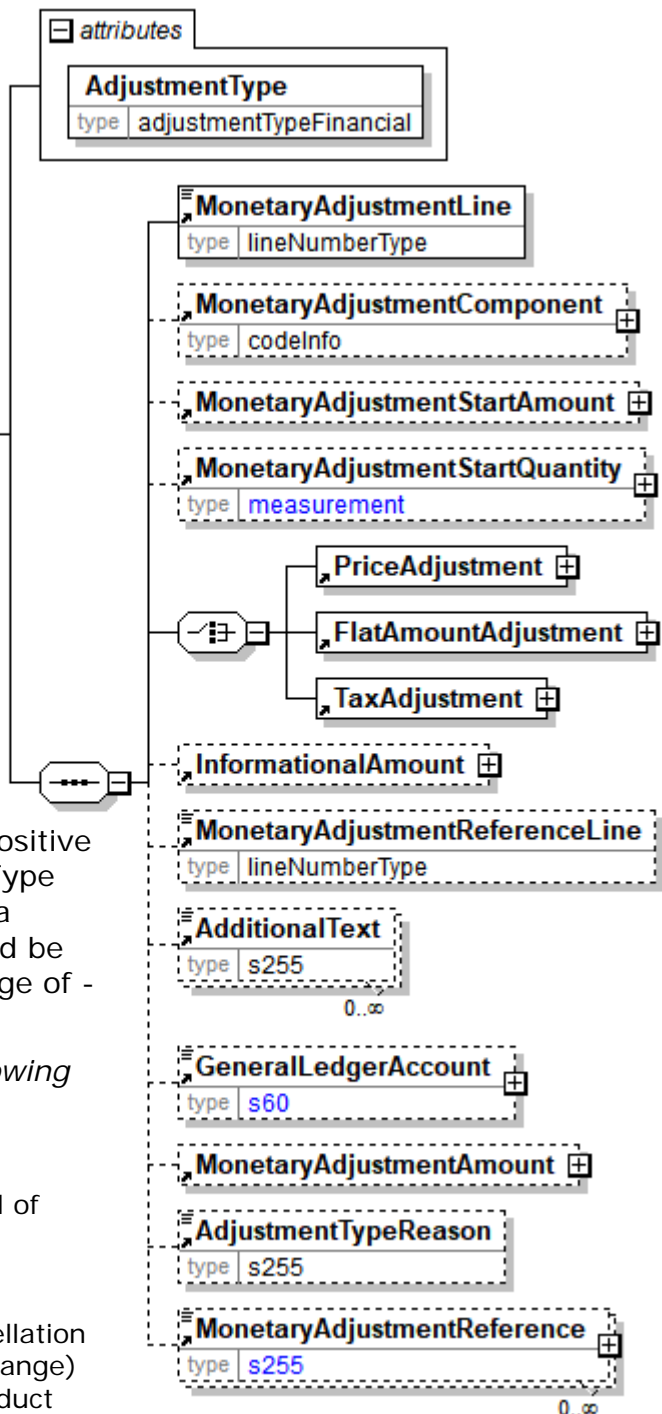
CashDiscount

A reduction due to a discount applied.

CertificateCharge

An extra charge for creating a certificate. Some countries requires Certificates in which different characteristics of the delivery, transport unit, route, product, and others must be proved.

There are certificates for gasen pallets, for the place of production, for the age of the ship/vessel, for not departing from one country's harbour when delivering to



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another.

ChargesForward

A pending invoice amount brought forward from a previous Invoice.

ClaimAdjustment

An adjustment related to a filed complaint.

Commission

Commission costs paid to the trading agency or trader.

CompetitiveAllowance

An allowance provided for competitive reasons.

CongestionCharge

An extra fee from ports for waiting time of ships in ports, railcars on a siding, trucks at a dock. (Synonym: Demurrage.)

ConsigneeUnloadCharge

An unloading charge that is the responsibility of the consignee.

ContractAllowance

An allowance for a volume discount, usually because the agreed amount has been exceeded.

CurrencyAdjustmentCharge

An extra fee to adjust for currency variations.

DecimalRounding

Adjustments for rounding of amounts to fit the business agreement or national monetary legislation. This adjustment is typically used for decimal rounding of amounts not including tax.

N.B. Use InformationalAmount with AmountType "DecimalRounding" for specification of decimal rounding of amounts including tax.

DefectiveAllowance

An allowance provided for defective material.

DeliveryCharge

The charge for delivering the product.

DeliveryNonConformanceAllowance

An allowance due to non-conformance with the purchase agreement regarding a delivery.

DeliveryTimeBonus

A bonus given for deliveries of products within a certain time period.

EarlyShipAllowance

An allowance due to a delivery that took place earlier than planned. The seller may be charged a penalty. If this is found before issuing the Invoice, it can be handled through this allowance. If found later, it will be handled through a credit note.

EnergySurcharge

A charge related to increases in the cost of energy.

Environmental

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An allowance applied due to environmental regulations.

ExpeditedShipmentCharge

An extra cost charged due to unexpected or emergency requirements (for example, breaking off a run in the mill to reach the production date for a rush order).

ExportClearanceCharge

An extra fee for customs administration.

FlatRateCharge

A general flat charge.

FreightAllowance

The freight cost allowed by the mill. This amount is negative, and will be deducted from the Invoice (U.S. business practice, in the European Union (EU), use only Freight Charge).

FreightCharge

The actual cost incurred to deliver the product. This amount is positive, and will be added to the Invoice.

FuelAdjustmentCharge

An extra fee, usually from shipping companies, to adjust fuel prices.

HandlingCharge

A charge related to the handling of the product.

Inspection

The cost associated with performing an inspection of the product.

InterestCharge

A charge applied for interest on overdue payments.

LabourAllowance

An allowance due to additional labour required in the use or acceptance of the product.

LabourCharge

A charge due to additional labour required in the use or acceptance of the product.

LoggingDamage

An adjustment caused by logging damages on Forest Wood products. Logging damages normally cause a reduction of the product price.

LotCharge

A charge applied to the lot of material.

MetalDetection

A charge for additional metal detection applied to the goods.

ModelHomeDiscount

A discount associated with the building of the model home.

NewStoreCouponDiscount

A discount associated with entry into a new store.

OrderQuantity

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A charge or allowance for small/big ordered quantities.

PalletCharge

A charge that represents the cost or rental of the pallet.

PickUpAllowance

An allowance provided to compensate for the cost of picking up the product.

PromotionalAllowance

An allowance provided for the promotion of the product.

PromotionalCharge

A charge associated with the promotion of the product.

PriceCorrection

An adjustment associated with a correction of the product's price.

ProductionSetUpCharge

A special charge applied due to specific buyer requests.

Provision

The act of making ready or equipping for use.

Rebate

A rebate accepted by the buyer and seller based on the agreed price and volume.

ReelDiscount

An allowance for purchasing reels instead of sheets.

ReturnedLoadAllowance

An allowance applied due to the return of the load.

ReturnLoadCharge

A charge applied due to the return of the load.

RoadFeeCharge

A freight charge for a special tax applied to road transports in some countries, e.g. Germany

ScrapAndDunnageCharge

A charge that represents the scrapping of the material and its removal.

ServiceCharge

A charge associated with a miscellaneous service.

SpecialConversionCharge

Additional charge for a special conversion of the product.

SpecialDeliveryCharge

A special charge for delivering the product differently from the usual or agreed-to method.

SpecialHandlingCharge

A special charge for handling the product differently from the usual or agreed-to method.

SpecialPackagingCharge

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A special charge for packaging the product differently from the usual or agreed-to method, or if packaging as requested is out of spec.

StopOffAllowance

An allowance for a delivery stop-off.

StopOffCharge

A charge for a delivery stop-off.

StorageAllowance

An allowance for storing the product.

StorageCharge

An extra cost charged for storing the product on location (in the plant).

Tax

An adjustment that reflects a tax item.

TestingCharge

A charge related to testing a paper grade.

TradeDiscount

A discount based on the terms of the trade given on the agreed price. Usually a percentage.

TrialDiscount

A discount applied for a trial run of a new or improved product.

TransferCharge

A freight charge incurred by the goods transfer from one location to another location not previously agreed upon.

UnloadingAllowance

An allowance to compensate for the unloading the product.

UnloadingCharge

A charge for the unloading the product.

VolumeDiscount

A rebate accepted by the buyer and the seller based on the agreed volume

WarRiskCharge

An extra fee from transport companies for transport units that cross war zones.

Other

Any other adjustment not covered by the attribute list.

(sequence)

The sequence of items below is mandatory. A single instance is required.

MonetaryAdjustmentLine

MonetaryAdjustmentLine is mandatory. A single instance is required.

A sequence number indicating the order of printing or the sequence in which a group of adjustments are to be considered.

MonetaryAdjustmentComponent

MonetaryAdjustmentComponent is optional. A single instance might exist.

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A group item that contains information for specifying a monetary adjustment component by a code assigned by an agency.

MonetaryAdjustmentStartAmount

MonetaryAdjustmentStartAmount is optional. A single instance might exist.

The beginning currency amount used in the calculation of a monetary adjustment.

MonetaryAdjustmentStartQuantity

MonetaryAdjustmentStartQuantity is optional. A single instance might exist.

The beginning quantity used in the calculation of a monetary adjustment.

(choice)

[choice] is optional because of choice construct.

PriceAdjustment

PriceAdjustment is optional because of choice construct.

A group item defining a deviation from the PricePerUnit.

FlatAmountAdjustment

FlatAmountAdjustment is optional because of choice construct.

A group item that contains flat adjustment amount information.

TaxAdjustment

TaxAdjustment is optional because of choice construct.

This content element contains the necessary information to describe, calculate, and handle a tax adjustment.

InformationalAmount

InformationalAmount is optional. A single instance might exist.

A monetary amount used for information purposes only (not for calculation). For example, the invoice price adjustment subtotal is expressed in sterling pounds, and the buyer wants this information expressed in U.S. dollars.

- CreditDebitNote and Invoice - The TaxAmount is displayed in the currency that is applicable throughout the e-Document. When a TaxAmount needs to be displayed in a different national currency, this field is used.

MonetaryAdjustmentReferenceLine

MonetaryAdjustmentReferenceLine is optional. A single instance might exist.

A link to a previously defined MonetaryAdjustmentLine upon which this adjustment is based.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

GeneralLedgerAccount

GeneralLedgerAccount is optional. A single instance might exist.

The general ledger account to be referenced for the item.

MonetaryAdjustmentAmount

MonetaryAdjustmentAmount is optional. A single instance might exist.

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The actual amount of the monetary adjustment.

AdjustmentTypeReason

AdjustmentTypeReason is optional. A single instance might exist.

Provides additional information about the type of adjustment. Can be viewed as a sub-classification of the adjustment type attribute or as a textual explanation.

MonetaryAdjustmentReference

MonetaryAdjustmentReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the MonetaryAdjustment as indicated by MonetaryAdjustmentReferenceType and AssignedBy.

CreditDebitNoteSummary

Contains summary information that applies to the entire e-Document.

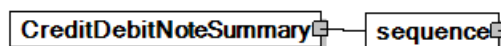
(sequence)

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 optional. Multiple instances might exist.

TotalQuantity

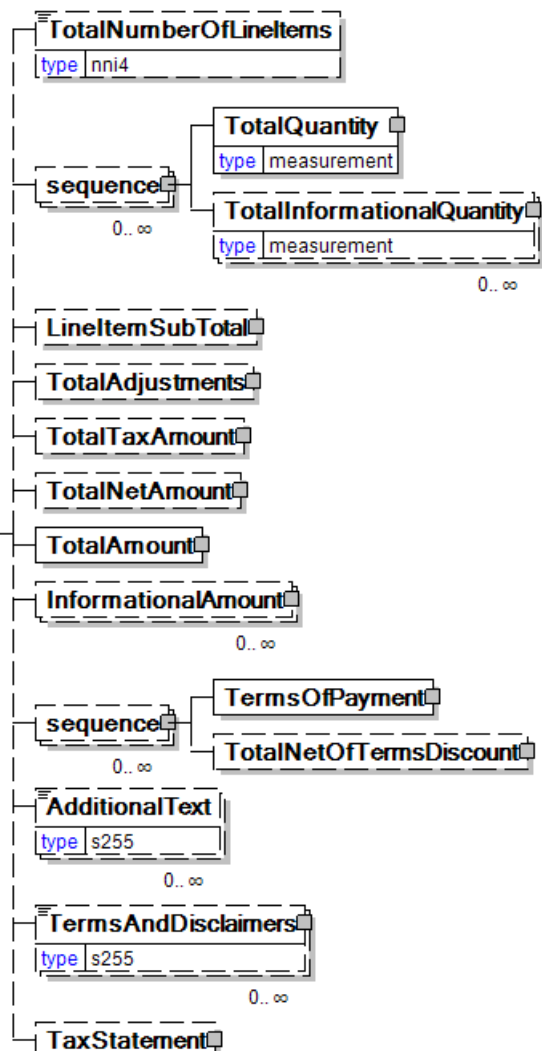
TotalQuantity is mandatory. A single instance is required.

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



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items.

LineItemSubTotal

LineItemSubTotal is optional. A single instance might exist.

The total amount of all base amounts on e-Document line items. The base amount contains the result of the calculation quantity times the base unit price. As such it does not include any taxes. For example, in an Invoice claiming payment for products LineItemSubTotal is equal to the sum of all InvoiceLineBaseAmount.

TotalAdjustments

TotalAdjustments is optional. A single instance might exist.

The CurrencyValue of TotalAdjustments contains the total of all adjustments and charges excluding tax. For example, in the Invoice TotalAdjustments is equal to the sum of the signed values of the MonetaryAdjustmentAmount for all instances of MonetaryAdjustment with PriceAdjustment and FlatAmountAdjustment and plus the sum of the signed values of the ChargeNetAmount for all instances of ChargeInformation.

TotalTaxAmount

TotalTaxAmount is optional. A single instance might exist.

The CurrencyValue of TotalTaxAmount contains the sum of all instances of TaxAdjustment in the document. TotalTaxAmount contains the sum of all instances of the MonetaryAdjustmentAmount for tax adjustments.

TotalNetAmount

TotalNetAmount is optional. A single instance might exist.

A field containing total amount excluding tax. For example, in the Invoice TotalNetAmount is equal to the sum of LineItemSubTotal plus TotalAdjustments. TotalNetAmount encapsulates CurrencyValue.

TotalAmount

TotalAmount is mandatory. A single instance is required.

The total amount including tax (when tax is specified in the e-Document).

In e-Documents claiming payment this is the amount due for payment based on the terms of payment. Decimal rounding might be applied to this amount.

InformationalAmount

InformationalAmount is optional. Multiple instances might exist.

A monetary amount used for information purposes only (not for calculation). For example, the invoice price adjustment subtotal is expressed in sterling pounds, and the buyer wants this information expressed in U.S. dollars.

- CreditDebitNote and Invoice - The TaxAmount is displayed in the currency that is applicable throughout the e-Document. When a TaxAmount needs to be displayed in a different national currency, this field is used.

(sequence)

The contents of (sequence) are optional. Multiple instances might exist.

TermsOfPayment

TermsOfPayment is mandatory. A single instance is required.

A group item that contains agreed-to terms defining when, how, and under what conditions the payment is to be made.

When TermsOfPayment is optional; if omitted, TermsOfPayment is controlled

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through previous negotiation.

TotalNetOfTermsDiscount

TotalNetOfTermsDiscount is optional. A single instance might exist.

The components of the amount to be paid if payment terms are met, including the amount that is subject to the payment terms discount, the discount amount, and the net amount due.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

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

TaxStatement

TaxStatement is optional. A single instance might exist.

A group element for declaration of exception from normal charges of tax and the reason for tax exemption.

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CreditDebitNote Business Scenarios

CreditDebitNote Scenario Listing

Scenario A	A Debit Note is sent with one or more CreditDebitNoteLineItem(s) due to unforeseen costs upon delivery of the goods.
Scenario B	A Debit Note is sent that corrects an erroneous Credit Note.
Scenario C	A Credit Note is sent that cancels an erroneous Debit Note.
Scenario D	A Credit Note is sent to compensate or charge one of the trading partners for a damage occurred during the transport of the goods
Scenario E	A Credit Note is sent to compensate an invoice which has been erroneously issued by the seller
Scenario F	A quarterly Credit Note is sent as a rebate to the customer for having reached a pre-agreed target volume

Scenario A

e-Document	CreditDebitNote
Scenario	A Debit Note is sent with one or more CreditDebitNoteLineItem(s) referring to multiple DeliveryMessages.
Outcome	ShipToParty and SupplierParty Systems are updated with CreditDebitNote.
Initiator	ShipToParty
Receiver	SupplierParty
Trigger	Unforeseen costs upon delivery of the goods occurred.
Example	ShipToParty is issuing a Debit Note.

Scenario B

e-Document	CreditDebitNote
Scenario	A Debit Note is sent that corrects an erroneous Credit Note.
Outcome	SupplierParty and BillToParty Systems are updated according to the Debit Note.

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Initiator	SupplierParty
Receiver	BillToParty
Preconditions	The Credit Note has an error and should be corrected.
XML File	The name of any sample file.
Trigger	What starts the process?
Step 1.	Supplier Party sends a Credit Note.
Step 2.	An error in the Credit Note amount is detected. Note: This type of error would not normally be communicated via the BusinessAcknowledgement but would take place through another means.
Step 3.	Supplier Party sends a Debit Note correcting the amount.

Scenario C

e-Document	CreditDebitNote
Scenario	A Credit Note is sent that cancels an erroneous Debit Note.
Outcome	SupplierParty and ShipToParty Systems are updated according to the Credit Note.
Initiator	SupplierParty
Receiver	ShipToParty
Preconditions	The Debit Note has an error and should be cancelled.
Step 1.	Supplier Party sends a Debit Note.
Step 2.	An error in the Debit Note amount is detected. <ul style="list-style-type: none"> Note: This type of error would not normally be communicated via the BusinessAcknowledgement but would take place through another means.
Step 3.	Supplier Party sends a Credit Note cancelling the amount.

Scenario D

e-Document	CreditDebitNote
Scenario	A Credit Note is sent to compensate or charge

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	one of the trading partners for a damage occurred during the transport of the goods
Outcome	SupplierParty and ShipToParty or BuyerParty or OrderParty Systems are updated with CreditDebitNote with CreditDebitNoteType = "Credit".
Initiator	SupplierParty
Receiver	ShipToParty or BuyerParty or OrderParty
Preconditions	The terms of sales preclude that the transport is paid by the SupplierParty
Trigger	Unforeseen costs upon delivery of the goods occurred.
Example	The SupplierParty delivers a load of reels to the ShipToParty. <ul style="list-style-type: none"> • During the transport, the paper gets wet because of water infiltration through leak in the transport vehicle.

Scenario E

e-Document	CreditDebitNote
Scenario	A Credit Note is sent to compensate an invoice which has been erroneously issued by the seller
Outcome	SupplierParty and BillToParty or BuyerParty Systems are updated with CreditDebitNote with CreditDebitNoteType = "Credit".
Initiator	SupplierParty
Receiver	BillToParty or BuyerParty
Trigger	Unforeseen invoice error
Example	An invoice has been sent to the ShipToParty or BuyerParty by mistake

Scenario F

e-Document	CreditDebitNote
Scenario	A quarterly Credit Note is sent as a rebate to the customer for having reached a pre-agreed target volume
Outcome	SupplierParty and ShipToParty or BuyerParty or

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	OrderParty Systems are updated with CreditDebitNote with CreditDebitNoteType = "Credit".
Initiator	SupplierParty
Receiver	ShipToParty or BuyerParty or OrderParty
Preconditions	What exists prior to the start?
Trigger	Rebate/bonus schema
Example	A rebate/bonus agreement is fulfilled by the customer