



Message Implementation Guideline

InventoryReport Adjustments XML

Model: InventoryReport_adjustments
Version: GS1 BMB 3.1
Variant: 3
Issue date: 03.04.2019
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Change log

InventoryReportAdjustments

Date	Variant	Comments
14.04.2019	3	Merged GS1 3.1 for Axia and Nyce systems

Structure

Occurrence	Element/Attribute
	inventoryReportMessage
1 .. 1	xsd:sequence
1 .. 1	sh:StandardBusinessDocumentHeader
1 .. 1	xs:sequence
1 .. 1	HeaderVersion
1 .. unbounded	Sender
1 .. 1	xs:sequence
1 .. 1	Identifier
	<i>Authority</i>
1 .. unbounded	Receiver
1 .. 1	xs:sequence
1 .. 1	Identifier
	<i>Authority</i>
1 .. 1	DocumentIdentification
1 .. 1	xs:sequence
1 .. 1	Standard
1 .. 1	TypeVersion
1 .. 1	InstanceIdentifier
1 .. 1	Type
1 .. 1	CreationDateAndTime
1 .. 10000	inventoryReport
1 .. 1	xsd:sequence
1 .. 1	creationDateTime
1 .. 1	documentStatusCode
1 .. 1	xsd:sequence
1 .. 1	inventoryReportIdentification
1 .. 1	xs:sequence
1 .. 1	entityIdentification
1 .. 1	inventoryReportTypeCode
1 .. 1	structureTypeCode
1 .. 1	inventoryReportToParty
1 .. 1	xs:sequence
0 .. 1	gln
1 .. 1	inventoryReportingParty
1 .. 1	xs:sequence
0 .. unbounded required	additionalPartyIdentification
	<i>additionalPartyIdentificationTypeCode</i>
1 .. 1	reportingPeriod
1 .. 1	xs:sequence
0 .. 1	endDate
0 .. 1	endTime
1 .. unbounded	inventoryItemLocationInformation
1 .. 1	xs:sequence
1 .. 1	inventoryLocation
1 .. 1	xs:sequence
0 .. unbounded required	additionalPartyIdentification
	<i>additionalPartyIdentificationTypeCode</i>
1 .. 1	transactionalTradeItem

Bold = Simple Element, Bold on grey background = Complex Element, Italic = Attribute, Grey = Group

Occurrence	Element/Attribute
1 .. 1	xsd:sequence
1 .. 1	gtin
0 .. unbounded	additionalTradeltemIdentification
required	<i>additionalTradeltemIdentificationTypeCode</i>
1 .. 1	xsd:sequence
0 .. 1	tradeltemQuantity
	<i>measurementUnitCode</i>
0 .. unbounded	transactionalItemData
0 .. unbounded	inventoryActivityLineItem
1 .. 1	xsd:sequence
1 .. 1	lineItemNumber
1 .. unbounded	inventoryActivityQuantitySpecification
1 .. 1	xsd:sequence
1 .. 1	inventoryActivityTypeCode
1 .. 1	quantityOfUnits
	<i>measurementUnitCode</i>
0 .. unbounded	transactionalItemData
1 .. 1	xsd:sequence
0 .. 1	batchNumber
0 .. unbounded	serialNumber

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Guideline

Element/Attribute	Annotation
inventoryReportMessage	Type inventory_report:InventoryReportMessageType
xsd:sequence	Occurrence 1 .. 1
sh:StandardBusinessDocumentHeader	Occurrence 1 .. 1 Type sh:StandardBusinessDocumentHeader
xsd:sequence	Occurrence 1 .. 1
HeaderVersion	Occurrence 1 .. 1 Type xsd:string Example 3.1
Sender	Occurrence 1 .. unbounded Type sh:Partner
xsd:sequence	Occurrence 1 .. 1
Identifier	Occurrence 1 .. 1 Type sh:PartnerIdentification Remark GLN for sender of the message Example 7080000950171
<i>Authority</i>	Type xsd:string Example 14
Receiver	Occurrence 1 .. unbounded Type sh:Partner
xsd:sequence	Occurrence 1 .. 1
Identifier	Occurrence 1 .. 1 Type sh:PartnerIdentification Remark Client Id Example 12345
<i>Authority</i>	Type xsd:string Example ZZ
DocumentIdentification	Occurrence 1 .. 1 Type sh:DocumentIdentification
xsd:sequence	Occurrence 1 .. 1
Standard	Occurrence 1 .. 1 Type xsd:string Example GS1 BMS
TypeVersion	Occurrence 1 .. 1 Type xsd:string Example 3.1
InstanceIdentifier	Occurrence 1 .. 1 Type xsd:string Example GS1
Type	Occurrence 1 .. 1 Type xsd:string Example InventoryReport
CreationDateAndTime	Occurrence 1 .. 1 Type xsd:dateTime Remark Creation date/time for the message Remark 2014-10-08T10:00:00
inventoryReport	Occurrence 1 .. 10000 Type inventory_report:InventoryReportType
xsd:sequence	Occurrence 1 .. 1

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Element/Attribute	Annotation
creationDateTime	Occurrence 1 .. 1 Type xsd:dateTime Remark Creation date/tims for the document Example 2014-10-08T10:00:00
documentStatusCode	Occurrence 1 .. 1 Type shared_common:DocumentStatusEnumerationType Example ORIGINAL Applicable Codes ORIGINAL
xsd:sequence	Occurrence 1 .. 1
inventoryReportIdentification	Occurrence 1 .. 1 Type shared_common:EntityIdentificationType
xsd:sequence	Occurrence 1 .. 1
entityIdentification	Occurrence 1 .. 1 Type restriction (xsd:string) Length 1 .. 80 Remark Document/message number Example 4567819
inventoryReportTypeCode	Occurrence 1 .. 1 Type inventory_report:InventoryReportTypeEnumerationType Example INVENTORY_ACTIVITY Applicable Codes INVENTORY_ACTIVITY
structureTypeCode	Occurrence 1 .. 1 Type ecom_common:StructureTypeCodeType Length 1 .. 80 Remark Required Example 1
inventoryReportToParty	Occurrence 1 .. 1 Type ecom_common:TransactionalPartyType
xsd:sequence	Occurrence 1 .. 1
gln	Occurrence 0 .. 1 Type shared_common:GLNType Pattern \d{13} Remark GLN for Report To Party Example 7393321400011
inventoryReportingParty	Occurrence 1 .. 1 Type ecom_common:TransactionalPartyType
xsd:sequence	Occurrence 1 .. 1
additionalPartyIdentification	Occurrence 0 .. unbounded Type shared_common:AdditionalPartyIdentificationType Length 1 .. 80 Remark Client id Example 12345
additionalPartyIdentificationTypeCode	Type restriction (xsd:string) Length 1 .. 80 Use required Example 88 Applicable Codes 88 Assigned by the owner of operation
reportingPeriod	Occurrence 1 .. 1 Type shared_common:DateTimeRangeType
xsd:sequence	Occurrence 1 .. 1
endDate	Occurrence 0 .. 1 Type xsd:date Remark Activity report date

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Element/Attribute	Annotation
endTime	Example 2014-10-08 Occurrence 0 .. 1 Type xsd:time Remark Activity Report Time Example 10:00:00
inventoryItemLocationInformation	Occurrence 1 .. unbounded Type inventory_report:InventoryItemLocationInformationType
xsd:sequence	Occurrence 1 .. 1
inventoryLocation	Occurrence 1 .. 1 Type ecom_common:TransactionalPartyType
xsd:sequence	Occurrence 1 .. 1
additionalPartyIdentification	Occurrence 0 .. unbounded Type shared_common:AdditionalPartyIdentificationType Length 1 .. 80 Remark Internal Warehouse code Example BERGER
	Applicable Codes 4033 Stavanger (Norway) 5500 Haugesund (Norway) AES Ålesund (Norway) BERGER Berger/Skedsbokorset (Norway) BS02 Kongshavn (Norway) BS07 Trollåsen (Norway) BS17 Bergen (Norway) BS26 Trondheim (Norway) BS34 Tromsø (Norway) FI01 Finland JKPG01 Jönköping (Sweden) NCD Lierstrand (Norway)
additionalPartyIdentificationTypeCode	Type restriction (xsd:string) Length 1 .. 80 Use required Example 88
	Applicable Codes 88 Assigned by the owner of operation
transactionalTradeltem	Occurrence 1 .. 1 Type ecom_common:TransactionalTradeltemType
xsd:sequence	Occurrence 1 .. 1
gtin	Occurrence 1 .. 1 Type shared_common:GTINType Pattern \d{14} Remark GTIN - if used otherwise zeros will be sent Example 000000000000
additionalTradeltemIdentification	Occurrence 0 .. unbounded Type shared_common:AdditionalTradeltemIdentificationType Length 1 .. 80 Remark Buyer's article number Example 554488
additionalTradeltemIdentificationTypeCode	Type restriction (xsd:string) Length 1 .. 80 Use required Example IN
	Applicable Codes IN Buyer's Item number
xsd:sequence	Occurrence 1 .. 1
tradeltemQuantity	Occurrence 0 .. 1 Type shared_common:QuantityType

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Element/Attribute	Annotation
	Remark Quantity in stock Example 22
<i>measurementUnitCode</i>	Type restriction (xsd:string) Length 1 .. 80 Example PCE
	Applicable Codes
	PCE pieces
transactionalItemData	Occurrence 0 .. unbounded Type ecom_common:TransactionalItemType
inventoryActivityLinItem	Occurrence 0 .. unbounded Type inventory_report:InventoryActivityLinItemType
xsd:sequence	Occurrence 1 .. 1
linItemNumber	Occurrence 1 .. 1 Type xsd:positiveInteger FractionDigits 0 Inclusive 1 .. Example 1
inventoryActivityQuantitySpecification	Occurrence 1 .. unbounded Type inventory_report:InventoryActivityQuantitySpecificationType
xsd:sequence	Occurrence 1 .. 1
inventoryActivityTypeCode	Occurrence 1 .. 1 Type ecom_common:InventoryActivityTypeCodeType Length 1 .. 80 Remark Reason code Example 100
	Applicable Codes
	100 Skadet vare
	110 Destruksjon
	200 Feil på mottag
	210 Varer funnet
quantityOfUnits	Occurrence 1 .. 1 Type shared_common:QuantityType Remark Quantity (Plus/minus sign) Example -2
<i>measurementUnitCode</i>	Type restriction (xsd:string) Length 1 .. 80 Example PCE
	Applicable Codes
	PCE pieces
transactionalItemData	Occurrence 0 .. unbounded Type ecom_common:TransactionalItemType
xsd:sequence	Occurrence 1 .. 1
batchNumber	Occurrence 0 .. 1 Type restriction (xsd:string) Length 1 .. 80 Remark Partnummer Example 2A435
serialNumber	Occurrence 0 .. unbounded Type restriction (xsd:string) Length 1 .. 20 Remark Serienummer Example 50-34-56A

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<?xml version="1.0" encoding="utf-8"?>
<ns0:inventoryReportMessage xmlns:ns0="urn:gs1:ecom:inventory_report:xsd:3">
  <sh:StandardBusinessDocumentHeader
xmlns:sh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader">
    <sh:HeaderVersion>3.1</sh:HeaderVersion>
    <sh:Sender>
      <sh:Identifier Authority="14">7080000950171</sh:Identifier>
    </sh:Sender>
    <sh:Receiver>
      <sh:Identifier Authority="ZZ">999999</sh:Identifier>
    </sh:Receiver>
    <sh:DocumentIdentification>
      <sh:Standard>GS1 BMS</sh:Standard>
      <sh:TypeVersion>3.1</sh:TypeVersion>
      <sh:InstanceIdentifier>GS1</sh:InstanceIdentifier>
      <sh:Type>InventoryReportAdjustment</sh:Type>
      <sh:CreationDateAndTime>2019-04-12T11:16:04</sh:CreationDateAndTime>
    </sh:DocumentIdentification>
  </sh:StandardBusinessDocumentHeader>
  <inventoryReport>
    <creationDateTime>2019-04-12T11:14:00</creationDateTime>
    <documentStatusCode>ORIGINAL</documentStatusCode>
    <inventoryReportTypeCode>INVENTORY_ACTIVITY</inventoryReportTypeCode>
    <structureTypeCode>1</structureTypeCode>
    <inventoryReportToParty>
      <additionalPartyIdentification
additionalPartyIdentificationTypeCode="88">999999</additionalPartyIdentification>
    </inventoryReportToParty>
    <inventoryReportingParty>
      <additionalPartyIdentification
additionalPartyIdentificationTypeCode="88">NCD</additionalPartyIdentification>
    </inventoryReportingParty>
    <reportingPeriod>
      <endDate>2019-04-12</endDate>
      <endTime>11:14:00</endTime>
    </reportingPeriod>
    <inventoryItemLocationInformation>
      <inventoryLocation>
        <additionalPartyIdentification
additionalPartyIdentificationTypeCode="88">NCD</additionalPartyIdentification>
      </inventoryLocation>
      <transactionalTradeItem>
        <gtin>00000000000000</gtin>
        <additionalTradeItemIdentification
additionalTradeItemIdentificationTypeCode="IN">11112222233333</additionalTradeItemIdentification>
        <tradeItemQuantity measurementUnitCode="STK">0</tradeItemQuantity>
      </transactionalTradeItem>
      <inventoryActivityLineItem>
        <lineItemNumber>1</lineItemNumber>
        <inventoryActivityQuantitySpecification>
          <inventoryActivityTypeCode>60</inventoryActivityTypeCode>
          <quantityOfUnits
measurementUnitCode="STK">6</quantityOfUnits>
        </inventoryActivityQuantitySpecification>
        <transactionalItemData>
          <batchNumber>M8888881</batchNumber>
        </transactionalItemData>
      </inventoryActivityLineItem>
    </inventoryItemLocationInformation>
  </inventoryReport>
</inventoryReportMessage>

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        <serialNumber/>
      </transactionalItemData>
    </inventoryActivityQuantitySpecification>
  </inventoryActivityLineItem>
</inventoryItemLocationInformation>
<inventoryItemLocationInformation>
  <inventoryLocation>
    <additionalPartyIdentification
additionalPartyIdentificationTypeCode="88">NCD</additionalPartyIdentification>
    </inventoryLocation>
  <transactionalTradelItem>
    <gtin>00000000000000</gtin>
    <additionalTradelItemIdentification
additionalTradelItemIdentificationTypeCode="IN">8888866663333</additionalTradelItemIdentification>
    <tradelItemQuantity measurementUnitCode="STK">0</tradelItemQuantity>
  </transactionalTradelItem>
</inventoryActivityLineItem>
  <lineItemNumber>2</lineItemNumber>
  <inventoryActivityQuantitySpecification>
    <inventoryActivityTypeCode>60</inventoryActivityTypeCode>
    <quantityOfUnits
measurementUnitCode="STK">6</quantityOfUnits>
    <transactionalItemData>
      <batchNumber>M8888882</batchNumber>
      <serialNumber/>
    </transactionalItemData>
  </inventoryActivityQuantitySpecification>
</inventoryActivityLineItem>
</inventoryItemLocationInformation>
</inventoryReport>
</ns0:inventoryReportMessage>

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