



Message Implementation Guideline

## **InventoryReport Adjustments XML - Axia**

Model: InventoryReport\_adjustments Axia  
Version: GS1 BMS 3.1  
Variant: 2  
Issue date: 2015-10-15  
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# Change Log

## InventoryReport\_adjustments Axia

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Date	Variant	Comments
2015-10-15	2	Reason codes 100,110,200, 210 added in inventoryReport/inventoryItemLocationInformation/inventoryActivityLineItem/inventoryActivityQuantitySpecification/inventoryActivityTypeCode

## Structure

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

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



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

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

## Guideline

Element/Attribute	Annotation
<b>inventoryReportMessage</b>	Type inventory_report:InventoryReportMessageType
xsd:sequence	Occurrence 1 .. 1
<b>sh:StandardBusinessDocumentHeader</b>	Occurrence 1 .. 1 Type sh:StandardBusinessDocumentHeader
xsd:sequence	Occurrence 1 .. 1
<b>HeaderVersion</b>	Occurrence 1 .. 1 Type xsd:string Example 3.1
<b>Sender</b>	Occurrence 1 .. unbounded Type sh:Partner
xsd:sequence	Occurrence 1 .. 1
<b>Identifier</b>	Occurrence 1 .. 1 Type sh:PartnerIdentification Remark <b>GLN for receiver of the message</b> Example 73933214000111
<i>Authority</i>	Type xsd:string Example 14
<b>Receiver</b>	Occurrence 1 .. unbounded Type sh:Partner
xsd:sequence	Occurrence 1 .. 1
<b>Identifier</b>	Occurrence 1 .. 1 Type sh:PartnerIdentification Remark <b>Client Id</b> Example 12345
<b>DocumentIdentification</b>	Occurrence 1 .. 1 Type sh:DocumentIdentification
xsd:sequence	Occurrence 1 .. 1
<b>Standard</b>	Occurrence 1 .. 1 Type xsd:string Example <b>GS1 BMS</b>
<b>TypeVersion</b>	Occurrence 1 .. 1 Type xsd:string Example 3.1
<b>InstanceIdentifier</b>	Occurrence 1 .. 1 Type xsd:string Example <b>GS1</b>
<b>Type</b>	Occurrence 1 .. 1 Type xsd:string Example <b>InventoryReport</b>
<b>CreationDateAndTime</b>	Occurrence 1 .. 1 Type xsd:dateTime Remark <b>Creation date/time for the message</b> Remark <b>2014-10-08T10:00:00</b>
<b>inventoryReport</b>	Occurrence 1 .. 10000 Type inventory_report:InventoryReportType
xsd:sequence	Occurrence 1 .. 1
<b>creationDateTime</b>	Occurrence 1 .. 1 Type xsd:dateTime Remark <b>Creation date/tims for the document</b> Example 2014-10-08T10:00:00
<b>documentStatusCode</b>	Occurrence 1 .. 1 Type shared_common:DocumentStatusEnumerationType

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Element/Attribute	Annotation
	<b>Example ORIGINAL</b>
	<b>Applicable Codes</b>
	<b>ORIGINAL</b>
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 <b>Document/message number</b> Example <b>4567819</b>
inventoryReportTypeCode	Occurrence 1 .. 1 Type inventory_report:InventoryReportTypeEnumerationType Example <b>INVENTORY_ACTIVITY</b>
	<b>Applicable Codes</b>
	<b>INVENTORY_ACTIVITY</b>
structureTypeCode	Occurrence 1 .. 1 Type ecom_common:StructureTypeCodeType Length 1 .. 80 Remark <b>Required</b> Example <b>1</b>
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 <b>GLN for Report To Party</b> Example <b>7393321400011</b>
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 <b>Client id</b> Example <b>12345</b>
additionalPartyIdentificationTypeCode	Type restriction (xsd:string) Length 1 .. 80 Use required Example <b>88</b>
	<b>Applicable Codes</b>
	<b>88</b> 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 <b>Activity report date</b> Example <b>2014-10-08</b>
endTime	Occurrence 0 .. 1 Type xsd:time Remark <b>Activity Report Time</b> Example <b>10:00:00</b>

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Element/Attribute	Annotation
<b>inventoryItemLocationInformation</b>	<b>Occurrence</b> 1 .. unbounded <b>Type</b> inventory_report:InventoryItemLocationInformationType
xsd:sequence	<b>Occurrence</b> 1 .. 1
<b>inventoryLocation</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> ecom_common:TransactionalPartyType
xsd:sequence	<b>Occurrence</b> 1 .. 1
<b>additionalPartyIdentification</b>	<b>Occurrence</b> 0 .. unbounded <b>Type</b> shared_common:AdditionalPartyIdentificationType <b>Length</b> 1 .. 80 <b>Remark</b> <b>Internal Warehouse code</b> <b>Example</b> <b>BERGER</b>
	<b>Applicable Codes</b>
	4033
	5500
	BERGER
	BS07
	BS17
	BS19
	BS24
	NCD
<i>additionalPartyIdentificationTypeCode</i>	<b>Type</b> restriction (xsd:string) <b>Length</b> 1 .. 80 <b>Use</b> required <b>Example</b> <b>88</b>
	<b>Applicable Codes</b>
	<b>88</b> Assigned by the owner of operation
<b>transactionalTradeltem</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> ecom_common:TransactionalTradeltemType
xsd:sequence	<b>Occurrence</b> 1 .. 1
<b>gtin</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> shared_common:GTINType <b>Pattern</b> \d{14} <b>Remark</b> <b>GTIN - if used otherwise zeros will be sent</b> <b>Example</b> <b>000000000000</b>
<b>additionalTradeltemIdentification</b>	<b>Occurrence</b> 0 .. unbounded <b>Type</b> shared_common:AdditionalTradeltemIdentificationType <b>Length</b> 1 .. 80 <b>Remark</b> <b>Buyer's article number</b> <b>Example</b> <b>554488</b>
<i>additionalTradeltemIdentificationTypeCode</i>	<b>Type</b> restriction (xsd:string) <b>Length</b> 1 .. 80 <b>Use</b> required <b>Example</b> <b>IN</b>
	<b>Applicable Codes</b>
	<b>IN</b> Buyer's Item number
xsd:sequence	<b>Occurrence</b> 1 .. 1
<b>tradeltemQuantity</b>	<b>Occurrence</b> 0 .. 1 <b>Type</b> shared_common:QuantityType <b>Remark</b> <b>Quantity in stock</b> <b>Example</b> <b>22</b>
<i>measurementUnitCode</i>	<b>Type</b> restriction (xsd:string) <b>Length</b> 1 .. 80 <b>Example</b> <b>PCE</b>
	<b>Applicable Codes</b>
	<b>PCE</b> pieces
<b>inventoryActivityLinItem</b>	<b>Occurrence</b> 0 .. unbounded <b>Type</b> inventory_report:InventoryActivityLinItem

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

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<?xml version="1.0" encoding="UTF-8" ?>
- <inventory_report:inventoryReportMessage
  xmlns:inventory_report="urn:gs1:ecom:inventory_report:xsd:3"
  xmlns:sh="http://www.unece.org/cefact/namespaces/StandardBusinessDocum
entHeader">
- <sh:StandardBusinessDocumentHeader>
  <sh:HeaderVersion>3.1</sh:HeaderVersion>
- <sh:Sender>
  <sh:Identifier Authority="14">73933214000111</sh:Identifier>
  </sh:Sender>
- <sh:Receiver>
  <sh:Identifier>12345</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>InventoryReport</sh:Type>
  <sh:CreationDateAndTime>2016-04-28T11:11:12</sh:CreationDateAndTime>
  </sh:DocumentIdentification>
  </sh:StandardBusinessDocumentHeader>
- <inventoryReport>
  <creationDateTime>2014-10-08T10:00:00</creationDateTime>
  <documentStatusCode>ORIGINAL</documentStatusCode>
- <inventoryReportIdentification>
  <entityIdentification>4567819</entityIdentification>
  </inventoryReportIdentification>
  <inventoryReportTypeCode>INVENTORY_ACTIVITY</inventoryReportTypeCode>
  <structureTypeCode>1</structureTypeCode>
- <inventoryReportToParty>
  <gln>7393321400011</gln>
  </inventoryReportToParty>
- <inventoryReportingParty>
  <additionalPartyIdentification
    additionalPartyIdentificationTypeCode="88">12345</additionalPartyIdentification>
  </inventoryReportingParty>
- <reportingPeriod>
  <endDate>2014-10-08</endDate>
  <endTime>10:00:00</endTime>
  </reportingPeriod>
- <inventoryItemLocationInformation>
- <inventoryLocation>
  <additionalPartyIdentification
    additionalPartyIdentificationTypeCode="88">BERGER</additionalPartyIdentification>
  </inventoryLocation>
- <transactionalTradeItem>
  <gtin>0000000000000</gtin>
  <additionalTradeItemIdentification
    additionalTradeItemIdentificationTypeCode="IN">554488</additionalTradeItemIdentifi
cation>
  <tradeItemQuantity measurementUnitCode="PCE">22</tradeItemQuantity>
  <transactionalItemData />

```

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```
    </transactionalTradeItem>
- <inventoryActivityLineItem>
  <lineItemNumber>1</lineItemNumber>
- <inventoryActivityQuantitySpecification>
  <inventoryActivityTypeCode>100</inventoryActivityTypeCode>
  <quantityOfUnits measurementUnitCode="PCE">-2</quantityOfUnits>
- <transactionalItemData>
  <batchNumber>2A435</batchNumber>
  <serialNumber>50-34-56A</serialNumber>
  </transactionalItemData>
  </inventoryActivityQuantitySpecification>
  </inventoryActivityLineItem>
  </inventoryItemLocationInformation>
  </inventoryReport>
</inventory_report:inventoryReportMessage>
```