

IBX Goodsreceipt xCBL 3.5 specification



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**Company
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1. Introduction

In IBX eProcurement users can create Goodsreceipts which will be submitted via the IBX Connect integration platform to the client's backend system.

The IBX Platform's standard format of electronic Goodsreceipt documents is xCBL 3.5 – the standard SOAP envelope version is SOAP 1.2.

The IBX Connect platform has implemented the xCBL 3.5 standard as its canonical format and theoretically supports the full spectrum of the xCBL 3.5 Goodsreceipt schema.

However the IBX Platform applications and business processes do not support all possible elements of the xCBL 3.5 format.

2. Purpose

The purpose of this document is to provide details about the IBX Goodsreceipt document type.

In addition to this document there is an XML schema file (XSD) and a structured spreadsheet providing the structure of the Goodsreceipt document in a collapsible format with xPaths, cardinality and datatype.

3. Validation

3.1 Schema Validation

Any Goodsreceipt sent from IBX Connect will be valid according to its XML schema.

A successful web service call means that the provided SOAP-message is valid according to the XML-schema. In this case a standard HTTP response code 200 OK is returned to the sending server including a SOAP Success response.

3.2 Error handling

If the web service call from the IBX Connect integration platform towards the customer's backend is not successful meaning no HTTP response code "200 OK" is received within 45 seconds (session timeout) then the document will automatically be resent one time before it will end in a status called "Error Delivery" on IBX side. Documents in this status will be taken care of by IBX Service Desk staff manually who inform the customer about the error.

4. Goodsreceipt

4.1 Document header

4.1.1 Document number

Each Goodsreceipt document needs to have an identifier to be stored in */GoodsReceipt/GoodsReceiptHeader/GoodsReceiptID*.

4.1.2 Issue date

The document's issue date is expressed as date plus timestamp with optional offset from GMT in */GoodsReceipt/GoodsReceiptHeader/GoodsReceiptIssueDate*. (Format: YYYY-MM-DDTHH:MM:SS [[+-]HH:MM]).

Example: 2011-03-12T06:35:03-06:00

4.1.3 Purpose code

/GoodsReceipt/GoodsReceiptHeader/GoodsReceiptPurpose/Purpose/PurposeCoded indicates the purpose of the GoodsReceipt document. The allowed values are:

- "Original"
- "Cancellation"

Original is the scenario for initial Goodsreceipts. If a GoodsReceipt shall be withdrawn then the purpose code will be "Cancellation".

4.1.4 Type

/GoodsReceipt/GoodsReceiptHeader/GoodsReceiptTypeCoded is a code that specifies the type of Goodsreceipt being sent. Goodsreceipts from IBX eProcurement have *//GoodsReceiptTypeCoded = "AuthorizedRepresentativeInReceipt"*.

4.1.5 Goods Condition

The *ListOfGoodsCondition* element is used to describe the elements around which discrepancies exist. This is used at the header level to report any conditions that don't relate to a specific goods item, i.e. this relates to the entire shipment or to all of the goods. Specific item discrepancies should be handled at the item level.

To express the condition of the received goods a standard code is used, e.g.:

- Accepted
- Returned
- Hold
- Postponed
- ...

4.2 Goodsreceipt items

5. Examples

Full example of a Goodsreceipt xCBL 3.5 document, sent within a SOAP envelope:

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://www.w3.org/2003/05/soap-envelope"
  xmlns:nseps="urn:schemas-IBX:/docs/endpoint.nsendpoint" xmlns:nsfst="urn:schemas-
  IBX:/docs/manifest.nsmanifest" xmlns:nsproc="urn:schemas-IBX:/docs/process.nsprocess"
  xmlns:nsprop="urn:schemas-IBX:/docs/property.nsproperty"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <SOAP-ENV:Header>
    <nseps:endpoints SOAP-ENV:mustUnderstand="true">
      <nseps:to>
        <nseps:address>receiverID</nseps:address>
      </nseps:to>
      <nseps:from>
        <nseps:address>senderID</nseps:address>
      </nseps:from>
    </nseps:endpoints>
    <nsprop:properties SOAP-ENV:mustUnderstand="true">
      <nsprop:identity>documentID</nsprop:identity>
      <nsprop:sentAt>2001-12-17T09:30:47.0Z</nsprop:sentAt>
      <nsprop:expiresAt>2001-12-17T09:30:47.0Z</nsprop:expiresAt>
      <nsprop:topic>GoodsReceipt</nsprop:topic>
    </nsprop:properties>
    <nsproc:process SOAP-ENV:mustUnderstand="true">
      <nsproc:correlationid>String</nsproc:correlationid>
      <nsproc:relatedDocid>String</nsproc:relatedDocid>
    </nsproc:process>
  </SOAP-ENV:Header>
  <SOAP-ENV:Body>
    <GoodsReceipt xmlns="rrn:org.xcbl:schemas/xcbl/v3_5/xcbl35.xsd">
      <GoodsReceiptHeader>
        <GoodsReceiptID>0100458576</GoodsReceiptID>
        <GoodsReceiptIssueDate>20110412T20:02:58+02:00</GoodsReceiptIssueDate>
        <GoodsReceiptPurpose>
          <Purpose>
            <PurposeCoded>Original</PurposeCoded>
          </Purpose>
        </GoodsReceiptPurpose>
        <GoodsReceiptTypeCoded>AuthorizedRepresentativeInReceipt</GoodsReceiptTypeCoded>
        <ListOfGoodsCondition>
          <GoodsCondition>
            <GoodsConditionCoded>Accepted</GoodsConditionCoded>
          </GoodsCondition>
        </ListOfGoodsCondition>
        <GoodsReceiptReferences>
          <ListOfGoodsReceiptOrderReference>
```

```

<GoodsReceiptOrderReference>
  <ScheduleOrderReference>
    <OrderNumber>
      <BuyerOrderNumber>Order_1234567890</BuyerOrderNumber>
    </OrderNumber>
  </ScheduleOrderReference>
</GoodsReceiptOrderReference>
</ListOfGoodsReceiptOrderReference>
</GoodsReceiptReferences>
<GoodsReceiptLanguage>
  <Language>
    <LanguageCoded>en</LanguageCoded>
  </Language>
</GoodsReceiptLanguage>
<GoodsReceiptParty>
  <ScheduleParty>
    <BuyerParty>
      <Party>
        <PartyID>
          <Identifier>
            <Agency>
              <AgencyCoded>AssignedByBuyerOrBuyersAgent</AgencyCoded>
            </Agency>
            <Ident>1619</Ident>
          </Identifier>
        </PartyID>
        <ListOfIdentifier>
          <Identifier>
            <Agency>
              <AgencyCoded>Other</AgencyCoded>
              <AgencyCodedOther>CompanyCode</AgencyCodedOther>
            </Agency>
            <Ident>1234</Ident>
          </Identifier>
        </ListOfIdentifier>
      </Party>
    </BuyerParty>
    <SellerParty>
      <Party>
        <PartyID>
          <Identifier>
            <Agency>
              <AgencyCoded>AssignedByBuyerOrBuyersAgent</AgencyCoded>
            </Agency>
            <Ident>VendorID</Ident>
          </Identifier>
        </PartyID>
      </Party>
    </SellerParty>
    <ShipFromParty>
      <Party>
        <PartyID>
          <Identifier>
            <Agency>
              <AgencyCoded>Other</AgencyCoded>
            </Agency>
            <Ident></Ident>
          </Identifier>
        </PartyID>
      </Party>
    </ShipFromParty>
  </ScheduleParty>
</GoodsReceiptParty>

```

```

</ShipFromParty>
<ShipToParty>
  <Party>
    <PartyID>
      <Identifier>
        <Agency>
          <AgencyCoded>Other</AgencyCoded>
        </Agency>
        <Ident></Ident>
      </Identifier>
    </PartyID>
  </Party>
</ShipToParty>
</ScheduleParty>
</GoodsReceiptParty>
</GoodsReceiptHeader>
<GoodsReceiptDetail>
  <ListOfGoodsReceiptItemDetail>
    <GoodsReceiptItemDetail>
      <LineItemNum>
        <BuyerLineItemNum>000000001</BuyerLineItemNum>
      </LineItemNum>
      <LineItemType>
        <LineItemTypeCoded>Item</LineItemTypeCoded>
      </LineItemType>
      <ParentItemNumber>
        <LineItemNumberReference>000000001</LineItemNumberReference>
      </ParentItemNumber>
      <ItemIdentifiers>
        <PartNumbers>
          <SellerPartNumber>
            <PartNum>
              <PartID>ALI0767000100</PartID>
            </PartNum>
          </SellerPartNumber>
        </PartNumbers>
        <ItemDescription>item description text</ItemDescription>
      </ItemIdentifiers>
      <QuantityShipped>
        <Quantity>
          <QuantityValue>0.000</QuantityValue>
          <UnitOfMeasurement>
            <UOMCoded>EA</UOMCoded>
          </UnitOfMeasurement>
        </Quantity>
      </QuantityShipped>
      <QuantityReceived>
        <Quantity>
          <QuantityValue>50.0</QuantityValue>
          <UnitOfMeasurement>
            <UOMCoded>EA</UOMCoded>
          </UnitOfMeasurement>
        </Quantity>
      </QuantityReceived>
      <ListOfNameValueSet>
        <NameValueSet>
          <SetName>CompletionFlag</SetName>
          <ListOfNameValuePair>
            <NameValuePair>
              <Name>FINAL_ENTRY</Name>
            </NameValuePair>
          </ListOfNameValuePair>
        </NameValueSet>
      </ListOfNameValueSet>
    </GoodsReceiptItemDetail>
  </ListOfGoodsReceiptItemDetail>
</GoodsReceiptDetail>

```

```
<Value>No</Value>
</NameValuePair>
</ListOfNameValuePair>
</NameValueSet>
</ListOfNameValueSet>
</GoodsReceiptItemDetail>
</ListOfGoodsReceiptItemDetail>
</GoodsReceiptDetail>
</GoodsReceipt>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```