

## **PapiNet WoodX implementation guide**

### **CallOff**

MessageType: CallOff

MessageType: CallOffConfirmation

## Table of contents

<b>1. INTRODUCTION .....</b>	<b>3</b>
1.1 Purpose of this document.....	3
1.2 PapiNet WoodX messages .....	3
<b>2. USE CASES OF CALL-OFF .....</b>	<b>5</b>
2.1 CallOff type CallOff .....	5
2.2 CallOff Type CallOffConfirmation.....	5
<b>3. OVERVIEW OF CALLOFFWOOD STRUCTURE.....</b>	<b>6</b>
<b>4. E-DOCUMENT CONTENT .....</b>	<b>7</b>
4.1 General.....	7
4.2 Root .....	7
4.3 Header .....	7
4.4 Product .....	9
4.5 Message Summary.....	11
<b>5. BUSINESS RULES .....</b>	<b>11</b>
<b>6. REVISION HISTORY OF THIS DOCUMENT.....</b>	<b>11</b>

## 1. INTRODUCTION

### 1.1 Purpose of this document

PapiNet WoodX is a segment user group (SUG) within papiNet that is maintaining a message transaction standard within the wood products supply chain.

The intention of this document is to facilitate for a user to implement the WoodX-message. In addition, it aims to ensure that the message is implemented in a way that creates the best possible functionality of the message for all the users and parties in the supply chain. The real benefits of e-business can only be achieved via harmonized message implementations and use cases. The harmonization can be assured by users following the implementation instructions.

This document describes the common use case for the *CallOffWood Types CallOff and CallOffConfirmation* e-documents. It can be used as a guideline for implementations, together with the related ISS excel file containing the schema subset including enumeration, rules and remarks for each element. For more information about elements and attributes we recommend to use the common PapiNet DataDictionary.

### 1.2 PapiNet WoodX messages

In this paragraph is described the relations between different business transactions and PapiNet WoodX e-messages and message types.

Below are given the overviews of two different business transaction cases. These two are the most typical business transaction cases in trading wood products in Europe. The first case describes the traditional trade flow of wood product in Europe. In this case, the business transaction starts with a purchase order sent by the buyer (see Figure 1.). The latter case describes the business transaction that is typical when trading wood products to builder merchants. In this case it is typical that the seller and buyer have interchanged "article list" and corresponding "price lists" according to the business agreements (see Figure 2.).

In the figures, the business transactions are shown on the left, and the arrows indicate the sender and receiver of a message. On the right are listed the PapiNet WoodX e-messages and message types suitable for the business transactions.

2009-12-10

Figure 1. Traditional trade flow of wood products (CASE 1)

Business Transactions	Message	MessageType
	1. Availability	1. -
	2. OrderConfirmationWood	2. Agreement
	3. CallOffWood	3. CallOff
	4. CallOffWood	4. CallOffConfirmation
	5. DeliveryMessageWood	5. DeliveryMessage
	6. InvoiceWood	6. Invoice CreditNote/DebetNote
	7. DeliveryMessageWood	7. PackageSpecification

Figure 2. The business transaction of trading wood products to a builder merchant (CASE 2)

Business Transactions	Message	MessageType
	1. PurchaseOrderWood	1. PurchaseOrder
	2. OrderConfirmationWood	2. StandardOrder
	3. DeliveryMessageWood	3. DeliveryMessage
	4. InvoiceWood	4. Invoice CreditNote/DebetNote
	5. DeliveryMessageWood	5. PackageSpecification

## **2. USE CASES OF CALL-OFF**

The CallOff-message has two message types, which are CallOff and CallOffConfirmation. The use cases of the both message types are described below.

### **2.1 CallOff type CallOff**

A call-off is a delivery schedule for product(s). Products to be delivered have reference to purchase orders/order confirmations or any other supply agreement (VMI).

The call-off specifies delivery schedule(s) and quantities for the product(s) to be delivered. The schedule may define a specific date and/or time for delivery or include a time range.

The sending party of the CallOff is agreed in the Trading Partner Agreement.

The sender sends the first call-off, which can then be accepted, amended, cancelled, or rejected by the receiver via a call-off confirmation. Subsequent call-offs can be sent with the receiver responding using a call-off confirmation. It is not mandatory to respond with a call-off confirmation.

### **2.2 CallOff Type CallOffConfirmation**

A call-off confirmation is a response from receiver of a call-off. The purpose of call-off confirmation is to accept, amend, cancel or reject delivery schedule(s) and quantities proposed in call-off either as a whole or on line level.

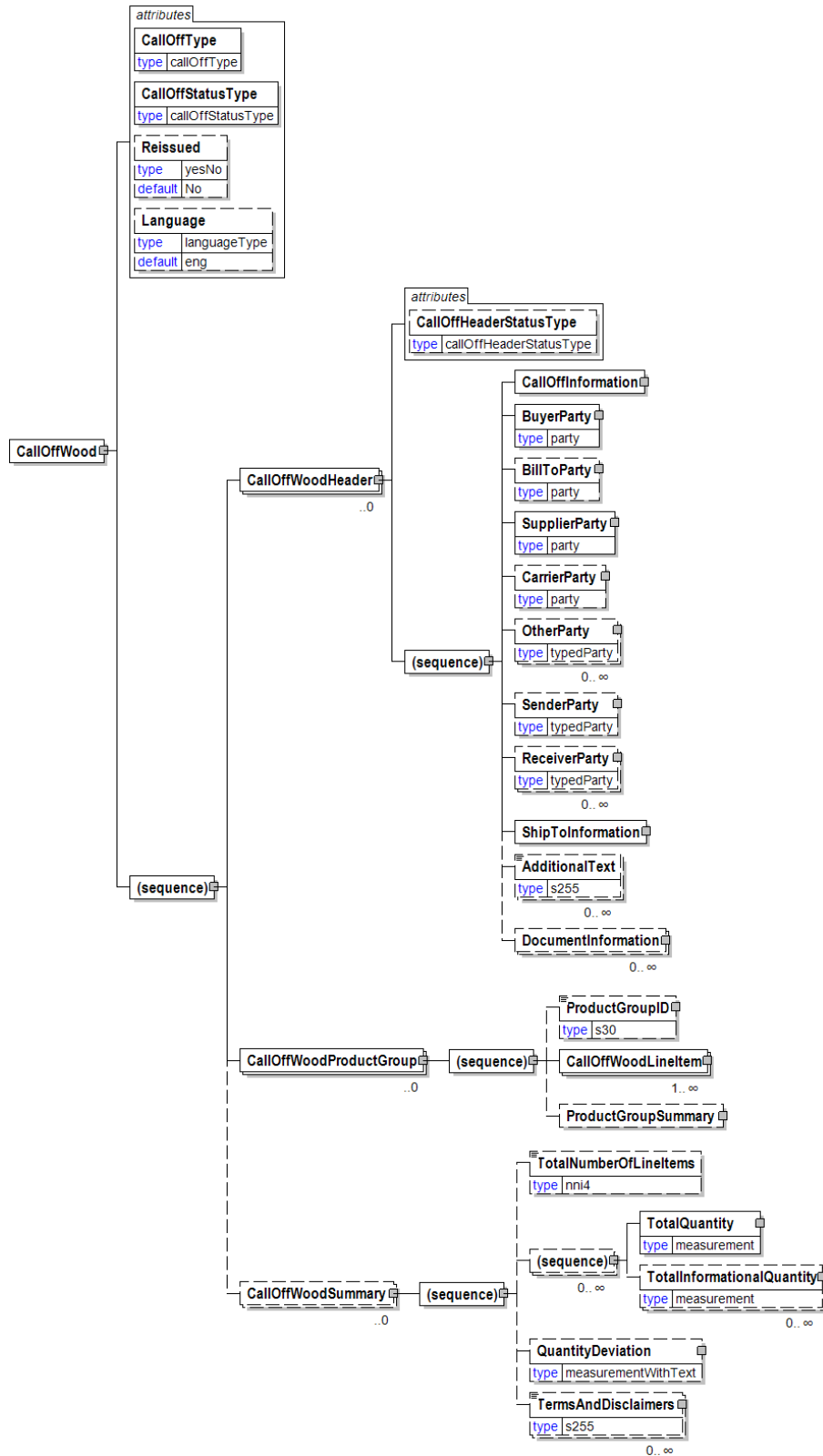
If receiver accepts the call-off as such, all statuses are set to "Accepted". This confirmation ends the call-off messaging loop. If receiver responds with amended, pending or rejected items, sender of the original call-off will need to respond with a new call-off to either accept the changes to end the messaging loop, or amend further or cancel the call-off. The messaging loop continues until either party responds with a message having "Accepted" in all statuses.

The allowed changes in the original CallOff are described in the Trading Partner Agreement.

2009-12-10

### 3. OVERVIEW OF CALLOFFWOOD STRUCTURE

The figure below describes the CallOff-message structure.



## 4. E-DOCUMENT CONTENT

### 4.1 General

In this chapter there is an overview of the E-document. Elements are mentioned in basic level and the given text refers to the structure, eg. Partytype, AssignedBy. For detailed information of the elements in the XML-schema for the CallOffWood -message look at the related ISS excel documentation called implementation subset spreadsheet for CallOffWood.

Columns should be read as follows:

Data Item	data item name as documented in papiNet WoodX messages
Data description	data item as defined in papiNet Data Dictionary with WoodX specific definitions
M	mandatory data item

### 4.2 Root

Data Item	Description
<b>CallOffWood (M)</b>	The root. This element contains the entirety of the CallOffWood document.
- CallOffType (M)	Defines the type of call-off issued. CallOffType: CallOff. or CallOffConfirmation
- CallOffStatusType (M)	Identifies the status or entire call-off. <u>Accepted</u> (used for CallOffConfirmation) The supplied information is accepted. Used only as response to a call-off confirmation. <u>Amended</u> (used for CallOffConfirmation) The supplied information is changed. <u>Cancelled</u> The supplied information is cancelled. Items that have been cancelled are not included in totals on the summary levels of the message. All other statuses are set to "Cancelled". <u>Original</u> The message information is the first version of that information. All other statuses are set to "Original". <u>Rejected</u> (used for CallOffConfirmation) The supplied information is rejected. Used only as response to a call-off confirmation. All other statuses are set to "Rejected".

### 4.3 Header

Data Item	Description
- CallOffWoodHeader (M)	This element contains the information that is consistent for the entire CallOffWood document.
- - CallOffHeaderStatusType (M)	Identifies the status of header details. <u>Accepted</u> (used for CallOffConfirmation) The supplied information is accepted. Used only as response to a

Data Item	Description
	<p>call-off confirmation.</p> <p><u>Amended</u> (used for CallOffConfirmation) The supplied information is changed.</p> <p><u>Cancelled</u> The supplied information is cancelled.</p> <p><u>NoAction</u> The supplied information has not been changed and thereby requires no action.</p> <p><u>Original</u> The message information is the first version of that information.</p> <p><u>Rejected</u> (used for CallOffConfirmation) The supplied information is rejected. Used only as response to a call-off confirmation.</p>
-- CallOffInformation (M)	A group item containing information unique to the call-off.
--- CallOffNumber (M)	Number assigned by the issuing party (usually BuyerParty).
--- CallOffIssuedDate (M)	The date when the message was created. Define also time and time zone, hh:mm:ss+hh:mm. E.g. 21:30:15+03:00
--- TransActionHistoryNumber	Sequential number that keeps track of the version of the message.
--- CallOffReference	<p>Identifies the relevant references pertaining to the call-off message, identified by CallOffReferenceType.</p> <p>E.g. ReferenceNumber, AssignedBy: Buyer</p>
-- BuyerParty (M)	<p>The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer.</p> <p>Recommended to use at least one of the following identifiers: A globally unique PartyIdentifier, e.g. GlobalLocationNumber from GS1 or papinetGlobalPartyIdentifier or Organisation Unit Number according to ISO standard (attribute enumeration "ISO6523Number"), e.g. in Finland OVTNumber. Also VATIdentificationNumber can be defined here.</p>
--- PartyIdentifier (M)	A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.
---- PartyIdentifierType (M)	Provides a contextual definition for the party identifier value. This party identifier enables the trading partners to use ID codes for the different organisation versus business entities involved in the transaction.
--- NameAddress (M)	<p>A group item containing name and address of an organisation or business entity.</p> <p>Full address recommended for informational purposes. Use attribute ISOCountryCode (two characteristics e.g. GB).</p>
-- SupplierParty (M)	<p>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.</p> <p>Recommended to use at least one of the following identifiers: A globally unique PartyIdentifier, e.g. GlobalLocationNumber from GS1 or papinetGlobalPartyIdentifier or Organisation Unit Number according to ISO standard (attribute enumeration "ISO6523Number"), e.g. in Finland OVTNumber. For sales within EU VATIdentificationNumber is mandatory if Supplier = Seller.</p>



2009-12-10

Data Item	Description
- - CarrierParty	The organisation performing the transport of the product from the pickup location to the ship-to location.
- - OtherParty (M)	<p>An organisation or business entity other than those specifically detailed within a business document.</p> <p>Recommendation is to define <b>always</b> the Seller (PartyType: Seller), which is the legal entity who is selling the product. Mandatory in the Invoice (PartyType: Seller).</p> <p>Also SalesOffice, SalesAgent is defined here.</p> <p>Recommended to use at least one of the following identifiers: A globally unique PartyIdentifier, e.g. GlobalLocationNumber from GS1 or papinetGlobalPartyIdentifier or Organisation Unit Number according to ISO standard (enumeration "ISO6523Number"), e.g. in Finland OVTNumber. For sales within EU VATIdentificationNumber is mandatory.</p>
- - SenderParty (M)	The business entity issuing the business document, the source of the document. It is strongly recommended to use SenderParty in this message, as the message can be initiated not only from the BuyerParty.
- - ReceiverParty (M)	The business entity for whom the business document is intended, the destination of the document. E.g. Supplier or SalesOffice
- - ShipToInformation (M)	Group element containing information about the ship to and delivery of a product.
- - - ShipToCharacteristics (M)	A group item that provides information important for the Ship-To Party.
- - - - ShipToParty (M)	The name and/or address to which the goods should be delivered. PartyType: Consignee.
- - - - TermsOfDelivery	Use Incoterms version 2000.
- - AdditionalText	Use this field for general comments, which have no other place in the message or contain many lines of text.

## 4.4 Product

Data Item	Description
- CallOffWoodProductGroup (M)	This element contains groupings of line items.
- - ProductGroupID	<p>With ProductGroupID elements it is possible to make different grouping and provide additional information and summaries which can be useful e.g. in style sheets.</p> <p>Possibility to group packages or shipments. E.g. creating temporary group ID's for logistic reasons or lot number.</p> <p>E.g. Type: BillOfLadingMark, LotNumber or LotIdentifier</p>
- - CallOffWoodLineItem (M)	<p>Only one product per line item.</p> <p>Use multiple lines for calling off the same product with different quantities and different delivery dates</p>
- - - CallOffLineItemStatusType (M)	<u>Accepted</u> (used for CallOffConfirmation)

Data Item	Description
	<p>The supplied information is accepted. Used only as response to a call-off confirmation</p> <p><u>Amended</u> (used for CallOffConfirmation)</p> <p>The supplied information is changed</p> <p><u>Cancelled</u></p> <p>The supplied information is cancelled.</p> <p><u>NoAction</u></p> <p>The supplied information has not been changed and thereby requires no action.</p> <p><u>Original</u></p> <p>The message information is the first version of that information</p> <p><u>Rejected</u> (used for CallOffConfirmation)</p> <p>The supplied information is rejected. Used only as response to a call-off confirmation.</p> <p><b>Only for CallOffConfirmation:</b></p> <p><u>Pending</u></p> <p>The supplied information is not complete and will be updated later.</p>
- - - CallOffLineItemNumber (M)	Sequential number to identify individual line items
- - - CallOffReference	<p>E.g. CallOffReferenceType: OrderNumber, OrderLineItemNumber, OrderConfirmationNumber, OrderConfirmationLineItemNumber</p> <p><b>Only For CallOffConfirmation:</b></p> <p>CallOffNumber and CallOffLineItemNumber</p> <p>AssignedBy: Buyer, Supplier</p>
- - - - CallOffProduct (M)	<p>Recommendation is to use CallOffProduct element as CallOffPurchaseOrderLineItem is already mentioned in CallOffReference.</p> <p>Recommendation is to use the ProductIdentifier and ProductDescription, characteristics only if needed.</p>
- - - - - ProductIdentifier (M)	<p>Defines the code of the product. Use Agency to define who has given the code.</p> <p>It's possible to define both customer's and supplier's codes. Recommendation is to use PartNumber as ProductIdentifierType.</p>
- - - - - ProductDescription (M)	Description of the product in the language specified by Language attribute.
- - - - - WoodProducts (M)	A grouping element for all wood products.
- - - DeliveryDateWindow (M)	<p>Use DateTimeRange.</p> <p>To define a week, use date From Monday To Friday.</p> <p>If date, define same date in both fields.</p>
- - - - DeliveryDateType (M)	E.g. DeliveryRequestedDate
- - - QuantityOrderedInformation (M)	
- - - - Quantity (M)	<p>Ordered quantity in cubic metres.</p> <p>QuantityType: Volume (nominal)</p>
- - - - InformationalQuantity	<p>Ordered quantity in other measurements than volume.</p> <p>QuantityType: ActualVolume, RunningLength</p>

2009-12-10

Data Item	Description
- - - - Length	To specify the ordered lengths.
- - - PackageInformation	To specify package numbers.
- - - AdditionalText	Use this field for general comments, which have no other place in the message or contain many lines of text.
- - ProductGroupSummary	Summarises the information based on ProductGroupID.

## 4.5 Message Summary

Data Item	Description
- CallOffWoodSummary (M)	Summarises all the information on the message.
-- TotalNumberOfLineItems (M)	Total number of line items.
- - - TotalQuantity (M)	Total volume (nominal).

## 5. BUSINESS RULES

The following table lists the specific business rules that apply to CallOff-message.

Business Rules
All products covered by a call-off must be delivered to a single location.

## 6. REVISION HISTORY OF THIS DOCUMENT

Date	Change
30.09.2008	Document version 1.0 for V2.31
10.12.2009	Updated/PPesonen

Copyright: papiNet WoodX