TECCOM SUPPLIER GUIDE FOR CONVERTING TXML DESPATCH ADVICE TO CAP

VERSION 1.0

8.12.2006

The TecConversion Center makes possible the exchange of edifact and CAP messages between trader and supplier. Traders can reach all suppliers who have TecCom. Suppliers can also send CAP and edifact messages to TecCom traders who do not use these formats or do not even have EDI systems.

If the supplier sends a reverse message – order response, despatch advice, invoice – to a trader, the Conversion Center brings it into the format the trader has requested.

This document describes the maximum data contents of a TXML despatch advice (version 2.0), that can be converted into CAP format (version 1.0.0) in the TecCom Conversion Center. In this scenario, the supplier is sending TXML despatch advices and the buyer is receiving them in CAP format.

TecCom despatch advice process is asynchronous, meaning that the despatch advices are sent in a schedule that is independent of the preceding events, e.g. sending of an order or order response. In some cases, a supplier may not send a despatch advice at all via TecCom but on paper.

The asynchronous despatch advice process can be accessed with any of the supported communication methods: FTP, OFTP, ISDN and TecCom Open Messaging. Please refer to separate documentation about the communication methods and the TecCom Open Messaging framework.

The purpose of this document is to display an example of a TXML despatch advice document, which is compliant with the limitations of the TecCom converter and the requirements of the CAP specification.

Since suppliers create TXML despatch advice messages themselves, their contents can vary considerably. Therefore, TecCom has created some rules, which the suppliers should follow in order to limit the variations in the use of the messages. E.g. there are rules with respect to the message structure, field lengths, and use of different elements in different situations etc.

The most important restriction concerns the structure of the despatch advice message. The converter can only process messages, with a maximum of two level nested structures. If you want to send TXML DesAdv messages also to Clepa-Figiefa edifact receivers, you must create a special message structure.

Messages without a nested structure

TXML structure with three separate cartons:

```
<Package>
    <PkgNumber>1</PkgNumber>
    <PkgInfo>
        <PacketCount>1</PacketCount>
        <PacketKind>CT</PacketKind>
    </PkgInfo>
    …
</Package>
<Package>
    <PkgNumber>2</PkgNumber>
    <PkgInfo>
        <PacketCount>1</PacketCount>
        <PacketKind>CT</PacketKind>
    </PkgInfo>
    …
</Package>
<Package>
    <PkgNumber>3</PkgNumber>
    <PkgInfo>
        <PacketCount>1</PacketCount>
```

```
        <PacketKind>CT</PacketKind>
    </PkgInfo>
    …
</Package>
```

Packet count is always one, since a package does not contain other packages.

This will create the following structure in CAP:

```
<Shipment>
    <Packages>
        <Package type="CT">
            …
        </Package>
        <Package type="CT">
            …
        </Package>
        <Package type="CT">
            …
        </Package>
    </Packages>
</Shipment>
```

Messages with 2 – level nested structure

TXML structure with ½ Euro pallet, with two cartons on top:

```
<Package>
    <PkgNumber>1</PkgNumber>
    <PkgInfo>
        <PacketCount>2</PacketCount>
        <PacketKind>200</PacketKind>
    </PkgInfo>
    …
    <Package>
        <PkgNumber>2</PkgNumber>
        <PkgInfo>
            <PacketCount>1</PacketCount>
            <PacketKind>CT</PacketKind>
        </PkgInfo>
        …
    </Package>
    <Package>
        <PkgNumber>3</PkgNumber>
        <PkgInfo>
            <PacketCount>1</PacketCount>
            <PacketKind>CT</PacketKind>
        </PkgInfo>
        …
    </Package>
</Package>
```

This will create the following structure in CAP:

```
<Shipment>
    <Pallets>
        <Pallet type="200">
            <Packages>
                <Package type="CT">
                    <Product/>
                </Package>
                <Package type="CT">
                    <Product/>
                </Package>
                <Package type="CT">
                    <Product/>
                </Package>
            </Packages>
        </Pallet>
    </Pallets>
</Shipment>
```

Messages to CAP and Clepa-Figiefa receivers

If you intend to send message both to CAP and Clepa-Figiefa edifact receivers via TecCom, your message must be constructed according to the following rules.

The first package is a so called dummy package. It contains information on the total number and measurements of normal packages in the despatch lot. It should always contain the text "TOTAL PACKS". PacketCount is the number of normal packages, dummy package not included.

```
<Package>
    <PkgNumber>1</PkgNumber>
    <PkgInfo>
        <PacketCount>2</PacketCount>
        <PacketKind>TOTAL PACKS</PacketKind>
    </PkgInfo>
    <Measurements>
        <MeasurementUnit MeasurementUnitQualifier="AAA"
UoM="KGM">1.710</MeasurementUnit>
        <MeasurementUnit MeasurementUnitQualifier="AAB"
UoM="KGM">1.710</MeasurementUnit>
    </Measurements>
</Package>
```

Normal packages follow dummy package on the same hierarchical level. This means that it is not possible to depict nested structures.

```
<Package>
    <PkgNumber>1</PkgNumber>
    <PkgInfo>
        <PacketCount>2</PacketCount>
        <PacketKind>TOTAL PACKS</PacketKind>
    </PkgInfo>
    …
    "dummy package"
    …
</Package>
<Package>
    <PkgNumber>2</PkgNumber>
    <PkgInfo>
        <PacketCount>1</PacketCount>
        <PacketKind>CT</PacketKind>
    </PkgInfo>
    …
    "normal package"
    …
</Package>
<Package>
    <PkgNumber>3</PkgNumber>
    <PkgInfo>
        <PacketCount>1</PacketCount>
        <PacketKind>CT</PacketKind>
    </PkgInfo>
    …
    "normal package"
    …
</Package>
```

The packages are numbered consecutively in field PkgNumber. This is not the identification number of the package, which can be given in field PkgId / PkgIdentNumber. The PacketCount of each normal package is always one, because nested structures are not allowed.

This guide should not be used alone. The overall content and structure of a TXML despatch advice is described in the document "IFD_DespatchAdvice_20_en.doc". This supplier guide describes only a specific use scenario with its restrictions, i.e. when a TXML despatch advice is converted into Clepa-Figiefa.

Table 1 describes the maximum data contents of a TXML despatch advice message that can be transmitted via the TecCom Conversion Center to the recipient. Please note, that some recipients may not utilise all the data that a supplier is able to provide (e.g. additional product descriptions).

The first column of table 1 depicts the maximum TXML despatch advice message that can be processed by the converter. No error is caused, if the data contents is wider (within the limits of the invoice DTD) than what is described in table 1. This information will simply not be transported to the recipient.

The second column “TXML elements and attributes” breaks the message into its constituents: elements and attributes. Attributes start with a “@” character.

The third column “TXML multiplicity” lists the syntactical rules for elements and attributes in TXML.
The following rules apply for elements:
1 – The element can be used only once
0..1 – The element is optional, but it can be used only once
0..n – The element is optional and it can be used several times
1..n – The element is mandatory and it can be used several times

The following rules apply for attributes:
R – The use of the attribute is required, if the element, within which the attribute is used, exists.
O – The use of the attribute is optional, if the element, within which the attribute is used, exists.

The fourth column “TecCom rules” describes the requirements and limitations imposed by the converter on the TXML message.

The fifth column defines the maximum length of different data contents on a TXML despatch advice.

TABLE 1: TXML despatch advice with a nested structure when converting into CAP

TXML WITH A NESTED STRUCTURE	TXML ELEMENTS AND ATTRIBUTES	TXML MULTI-PLICITY	TECCOM RULES	MAX LENGTH
one pallet, on which one package, in which two items				
This creates the following structure in CAP: 1 shipment - pallets - 1 pallet - packages - 1 package - 2 product				
<DesAdv>	DesAdv	1		
<Document Type="DesAdv" Version="2.0"/>	Document	1		
	@Type			
	@Version			
<DesAdvHeader>	DesAdvHeader	1		
<DesAdvId>71253</DesAdvId>	DesAdvId	1		
<DesAdvIssueDate>	DesAdvIssueDate	1		
<Date Qualifier="At">20061108</Date>	Date	1		8
	@Qualifier	O		
</DesAdvIssueDate>				
<DeliveryDate>	DeliveryDate	1		
<Date Qualifier="At">20061108</Date>	Date	1		8
	@Qualifier	O		
</DeliveryDate>				
<TransportDetails>	TransportDetails	0..1		
<TransportMode>30</TransportMode>	TransportMode	1		
	TransportTypeMeansCode	0..1		
	TransportTypeMeansFree	0..1	TransportTypeMeansFree is not mapped to CAP at all.	

	CarrierIdentificationILN	0..1	Is mapped to Shipper/PartyId in CAP. Attribute RespAgency is given a default value 9=EAN.	
</TransportDetails>				
<OrderRef>	OrderRef	1..n		
<SellerOrderNumber>122648</SellerOrderNumber>	SellerOrderNumber	1	Is not mapped to CAP at all.	
<BuyerOrderNumber>496190</BuyerOrderNumber>	BuyerOrderNumber	0..1	Only the first OrderRef/BuyerOrderNumber is mapped to CAP.	
<Date Qualifier="At">20061024</Date>	Date	1	Only the first OrderRef/Date is mapped to CAP.	
</OrderRef>				
<OrderRef>				
<SellerOrderNumber>122650</SellerOrderNumber>				
<BuyerOrderNumber>496479</BuyerOrderNumber>				
<Date Qualifier="At">20061024</Date>				
</OrderRef>				
<SellerParty>	SellerParty	1	Attribute RespAgency in CAP is given a default value 91=supplier.	
<PartyNumber>169374</PartyNumber>	PartyNumber	1		
<Address>	Address	1	Address information from SellerParty is not mapped to CAP at all.	
<Name1>ABC BENELUX N.V.</Name1>	Name1	1		
	Name2	0..1		
<Street1>NIJVERHEIDSSTRAAT 12</Street1>	Street1	1		
	Street2	0..1		
<PostalCode/>	PostalCode	1		
<City>2260 OEVEL</City>	City	1		
<CountryCode>BE</CountryCode>	CountryCode	1		
<CountryName>Belgium</CountryName>	CountryName	0..1		
</Address>				

</SellerParty>				
<BuyerParty>	BuyerParty	1	Attribute RespAgency in CAP is given a default value 91=supplier.	
<PartyNumber>00015789</PartyNumber>	PartyNumber	1		
<Address>	Address	1	Address information from BuyerParty is not mapped to CAP at all.	
<Name1>Steingruber GmbH & Co</Name1>	Name1	1		
	Name2	0..1		
<Street1>Ludwig-Wilhelm-Str. 12</Street1>	Street1	1		
	Street2	0..1		
<PostalCode>92238</PostalCode>	PostalCode	1		
<City>Rosenberg</City>	City	1		
<CountryCode>DE</CountryCode>	CountryCode	1		
<CountryName>Germany</CountryName>	CountryName	0..1		
</Address>				
</BuyerParty>				
<DeliveryParty>	DeliveryParty	0..1	Attribute RespAgency in CAP is given a default value 91=supplier.	
<PartyNumber>00015789</PartyNumber>	PartyNumber	0..1		
<Address>	Address	1		
<Name1>Steingruber GmbH & Co</Name1>	Name1	1	Name1 and Name2 are concatenated into one Name field in CAP.	
	Name2	0..1		
<Street1>Ludwig-Wilhelm-Str. 12</Street1>	Street1	1	Street1 and Street2 are concatenated into one Address field in CAP.	
	Street2	0..1		
<PostalCode>92238</PostalCode>	PostalCode	1		
<City>Rosenberg</City>	City	1		
<CountryCode>DE</CountryCode>	CountryCode	1		

<CountryName>DEUTSCHLAND</CountryName>	CountryName	0..1	CountryName is not mapped to CAP at all.	
</Address>				
</DeliveryParty>				
	InvoiceParty	0..1	Invoice party is not mapped to CAP at all.	
	FreeText	0..n		
</DesAdvHeader>				
<Package>	Package	1..n		
<PkgNumber>1</PkgNumber>	PkgNumber	1	PkgNumber is not mapped to CAP at all.	
<PkgInfo>	PkgInfo	0..1		
<PacketCount>1</PacketCount>	PacketCount	1	PacketCount is not mapped to CAP at all.	
<PacketKind>204</PacketKind>	PacketKind	1	Use a code according to Clepa-Figiefa. See the end of this document. In order to create a nested structure, use only pallet codes on this level.	
<PacketKindFreeText>1/8 Euro pallet 40 x 30 cm</PacketKindFreeText>	PacketKindFreeText	0..1	PacketKindFreeText Is not mapped to CAP at all.	
</PkgInfo>				
<PkgId>	PkgId	0..n		
<PkgIdentSystem>17</PkgIdentSystem>			Use a code according to Clepa-Figiefa. See the end of this document.	
<PkgIdentNumberQualifier>BN</PkgIdentNumberQualifier>			Use a code according to Clepa-Figiefa. See the end of this document.	
<PkgIdentNumber>312944123</PkgIdentNumber>			Unique identification number of the pallet.	
</PkgId>				
	PkgRef	0..1	PkgRef is not mapped to CAP at all.	

<Measurements>	Measurements	0..1		
<MeasurementUnit MeasurementUnitQualifier="AAA" UoM="KGM">1.710</MeasurementUnit>	MeasurementUnit	1..n	Use a code according to Clepa-Figiefa. See the end of this document.	
	@MeasurementUnitQualifier	R	Use a code according to Clepa-Figiefa. See the end of this document.	
	@UoM	R		
</Measurements>				
	FreeText	0..n		
<Package>	Package or PkgItem	1..n		
<PkgNumber>2</PkgNumber>	PkgNumber	1	PkgNumber is not mapped to CAP at all.	
<PkgInfo>	PkgInfo	0..1		
<PacketCount>1</PacketCount>	PacketCount	1	PacketCount is not mapped to CAP at all.	
<PacketKind>CT</PacketKind>	PacketKind	1	Use a code according to Clepa-Figiefa. See the end of this document. In order to create a nested structure, use only package codes on this level.	
	PacketKindFreeText	0..1	PacketKindFreeText is not mapped to CAP at all.	
</PkgInfo>				
<PkgId>	PkgId	0..n		
<PkgIdentSystem>17</PkgIdentSystem>	PkgIdentSystem	1	Use a code according to Clepa-Figiefa. See the end of this document.	
<PkgIdentNumberQualifier>BN</PkgIdentNumberQualifier>	PkgIdentNumberQualifier	1	Use a code according to Clepa-Figiefa. See the end of this document.	

<PkgIdentNumber>00122211008</PkgIdentNumber>	PkgIdentNumber	1	Unique identification number of the package.	
</PkgId>				
	PkgRef	0..1	PkgRef is not mapped to CAP at all.	
<Measurements>	Measurements	0..1		
<MeasurementUnit MeasurementUnitQualifier="AAA" UoM="KGM">1.710</MeasurementUnit>	MeasurementUnit	1..n		
	@MeasurementUnitQualifier	R	Use a code according to Clepa-Figiefa. See the end of this document.	
	@UoM	R	Use a code according to Clepa-Figiefa. See the end of this document.	
</Measurements>				
<PkgItem>	Package or PkgItem			
<PositionNumber>1</PositionNumber>	PositionNumber	1	PositionNumber is not mapped to CAP at all.	
<DeliveredQuantity>	DeliveredQuantity	1		
<Quantity UoM="PCE">30</Quantity>	Quantity	1		
	@UoM	R		
</DeliveredQuantity>				
<ProductId>	ProductId	1		
<MakerCode>ABC</MakerCode>	MakerCode	1		
<ProductNumber>250070</ProductNumber>	ProductNumber	1		
<Ean>3351642500708</Ean>	Ean	0..1		
<BuyerProductNumber>2182483</BuyerProductNumber>	BuyerProductNumber	0..1		
</ProductId>				
<ProductDescription>	ProductDescription	1		
<ProductName1>Gewindeb.</ProductName1>	ProductName1	1	ProductName1 and ProductName2 are concatenated into one Description field in CAP.	
	ProductName2	0..1		

</ProductDescription>				
	QtyVariance	0..n	QtyVariance is not mapped to CAP at all.	
<OrderRef>	OrderRef	1		
<SellerOrderNumber>122648</SellerOrderNumber>	SellerOrderNumber	1	SellerOrderNumber is not mapped to CAP at all.	
<BuyerOrderNumber>496190</BuyerOrderNumber>	BuyerOrderNumber	0..1		
<Date Qualifier="At">20061024</Date>	Date	1		8
	@Qualifier	O		
</OrderRef>				
<OrderItemRef>	OrderItemRef	1		
<SellerOrderItemRef>250070</SellerOrderItemRef>	SellerOrderItemRef	1	SellerOrderItemRef is not mapped to CAP at all.	
<BuyerOrderItemRef>2182483</BuyerOrderItemRef>	BuyerOrderItemRef	0..1		
</OrderItemRef>				
<Measurements>	Measurements	0..1	Measurements on PkgItem level is not mapped to CAP at all.	
<MeasurementUnit MeasurementUnitQualifier="AAA" UoM="KGM">0.620</MeasurementUnit>	MeasurementUnit	1..n		
	@MeasurementUnitQualifier	R		
	@UoM	R		
</Measurements>				
	FreeText	0..n		
</PkgItem>				
<PkgItem>	Package or PkgItem	1..n		
<PositionNumber>2</PositionNumber>	PositionNumber	1	PositionNumber is not mapped to CAP at all.	
<DeliveredQuantity>	DeliveredQuantity	1		
<Quantity UoM="PCE">900</Quantity>	Quantity	1		
	@UoM	R		
</DeliveredQuantity>				
<ProductId>	ProductId	1		

<MakerCode>ABC</MakerCode>	MakerCode	1		
<ProductNumber>250248</ProductNumber>	ProductNumber	1		
<Ean>3351642502481</Ean>	Ean	0..1		
<BuyerProductNumber>3038316</BuyerProductNumber>	BuyerProductNumber	0..1		
</ProductId>				
<ProductDescription>	ProductDescription	1		
<ProductName1>Gewindeb.</ProductName1>	ProductName1	1	ProductName1 and ProductName2 are concatenated into one Description field in CAP.	
	ProductName2	0..1		
</ProductDescription>				
	QtyVariance	0..n	QtyVariance is not mapped to CAP at all.	
<OrderRef>	OrderRef	1		
<SellerOrderNumber>122650</SellerOrderNumber>	SellerOrderNumber	1	SellerOrderNumber is not mapped to CAP at all.	
<BuyerOrderNumber>496479</BuyerOrderNumber>	BuyerOrderNumber	0..1		
<Date Qualifier="At">20061024</Date>	Date	1		
	@Qualifier	O		
</OrderRef>				
<OrderItemRef>	OrderItemRef	1		
<SellerOrderItemRef>250248</SellerOrderItemRef>	SellerOrderItemRef	1	SellerOrderItemRef is not mapped to CAP at all.	
<BuyerOrderItemRef>3038316</BuyerOrderItemRef>	BuyerOrderItemRef	0..1		
</OrderItemRef>				
<Measurements>	Measurements	0..1	Measurements on PkgItem level is not mapped to CAP at all.	
<MeasurementUnit MeasurementUnitQualifier="AAA" UoM="KGM">1.090</MeasurementUnit>	MeasurementUnit	1..n		
	@MeasurementUnitQualifier	R		
	@UoM	R		

</Measurements>				
	FreeText	0..n	FreeText is not mapped to CAP at all.	
</PkgItem>				
</Package>				
</Package>				
</DesAdv>				

Here is the same message in CAP format:

```
<?xml version="1.0" encoding="UTF-8"?>
<DespatchAdvice ver="1.0.0" contrAgency="CAP" msgRefNo="71253">
    <Head>
        <MsgDate fmt="102">20061108</MsgDate>
        <DespatchDate fmt="102">20061108</DespatchDate>
        <References>
            <Reference type="ON">
                <RefNo>496190</RefNo>
                <RefDate fmt="102">20061024</RefDate>
            </Reference>
        </References>
        <Parties>
            <Supplier>
                <PartyId respAgency="91">169374</PartyId>
            </Supplier>
            <Buyer>
                <PartyId respAgency="91">00015789</PartyId>
            </Buyer>
            <DeliveryParty>
                <PartyId respAgency="91">00015789</PartyId>
                <Name>Steingruber GmbH &amp;amp; Co </Name>
                <Address>Ludwig-Wilhelm-Str. 12 </Address>
                <Town>Rosenberg</Town>
                <PostCode>92238</PostCode>
                <CountryCode/>
            </DeliveryParty>
        </Parties>
        <MeansOfTransport val="30"/>
    </Head>
    <Shipment>
        <Pallets>
            <Pallet type="204">
```

```
<Measurements>
    <Measurement unit="KGM" dim="AAA">1.710</Measurement>
</Measurements>
<MarkingInstr val="17"/>
<PackageId type="BN">312944123</PackageId>
<Packages>
    <Package type="CT">
        <Measurements>
            <Measurement unit="KGM" dim="AAA">1.710</Measurement>
        </Measurements>
        <MarkingInstr val="17"/>
        <PackageId type="BN">00122211008</PackageId>
        <Products>
            <Product>
                <ProductIds>
                    <ProductId type="SA">250070</ProductId>
                    <ProductId type="EN">3351642500708</ProductId>
                    <ProductId type="IN">2182483</ProductId>
                </ProductIds>
                <QtyShipped unit="PCE">30</QtyShipped>
                <RefLineNo>2182483</RefLineNo>
                <Descriptions>
                    <Description lang="unknown-language">Gewindeb. </Description>
                </Descriptions>
                <References>
                    <Reference type="ON">
                        <RefNo>496190</RefNo>
                        <RefDate fmt="102">20061024</RefDate>
                    </Reference>
                </References>
            </Product>
            <Product>
                <ProductIds>
                    <ProductId type="SA">250248</ProductId>
                    <ProductId type="EN">3351642502481</ProductId>
                    <ProductId type="IN">3038316</ProductId>
                </ProductIds>
                <QtyShipped unit="PCE">900</QtyShipped>
                <RefLineNo>3038316</RefLineNo>
                <Descriptions>
                    <Description lang="unknown-language">Gewindeb. </Description>
                </Descriptions>
                <References>
                    <Reference type="ON">
                        <RefNo>496479</RefNo>
                        <RefDate fmt="102">20061024</RefDate>
```

```
                                    </Reference>
                                </References>
                            </Product>
                        </Products>
                    </Package>
                </Packages>
            </Pallet>
        </Pallets>
    </Shipment>
</DespatchAdvice>
```

TABLE 2: TXML despatch advice without a nested structure when converting into CAP

TXML WITHOUT A NESTED STRUCTURE
<DesAdv>
<Document Type="DesAdv" Version="2.0"/>
<DesAdvHeader>
<DesAdvId>71253</DesAdvId>
<DesAdvIssueDate>
<Date Qualifier="At">20061108</Date>
</DesAdvIssueDate>
<DeliveryDate>
<Date Qualifier="At">20061108</Date>
</DeliveryDate>
<TransportDetails>
<TransportMode>30</TransportMode>
</TransportDetails>
<OrderRef>
<SellerOrderNumber>122648</SellerOrderNumber>
<BuyerOrderNumber>496190</BuyerOrderNumber>
<Date Qualifier="At">20061024</Date>
</OrderRef>
<OrderRef>
<SellerOrderNumber>122650</SellerOrderNumber>
<BuyerOrderNumber>496479</BuyerOrderNumber>
<Date Qualifier="At">20061024</Date>
</OrderRef>
<SellerParty>
<PartyNumber>169374</PartyNumber>
<Address>
<Name1>ABC BENELUX N.V.</Name1>
<Street1>NIJVERHEIDSSTRAAT 12</Street1>

```
            <PostalCode/>
            <City>2260 OEVEL</City>
            <CountryCode>BE</CountryCode>
            <CountryName>Belgium</CountryName>
          </Address>
        </SellerParty>
        <BuyerParty>
          <PartyNumber>00015789</PartyNumber>
          <Address>
            <Name1>Steingruber GmbH &amp;amp; Co</Name1>
            <Street1>Ludwig-Wilhelm-Str. 12</Street1>
            <PostalCode>92238</PostalCode>
            <City>Rosenberg</City>
            <CountryCode>DE</CountryCode>
            <CountryName>Germany</CountryName>
          </Address>
        </BuyerParty>
        <DeliveryParty>
          <PartyNumber>00015789</PartyNumber>
          <Address>
            <Name1>Steingruber GmbH &amp;amp; Co</Name1>
            <Street1>Ludwig-Wilhelm-Str. 12</Street1>
            <PostalCode>92238</PostalCode>
            <City>Rosenberg</City>
            <CountryCode/>
            <CountryName>DEUTSCHLAND</CountryName>
          </Address>
        </DeliveryParty>
      </DesAdvHeader>
      <Package>
        <PkgNumber>1</PkgNumber>
        <PkgInfo>
          <PacketCount>1</PacketCount>
          <PacketKind>TOTAL PACKS</PacketKind>
```

```
    </PkgInfo>
    <Measurements>
      <MeasurementUnit MeasurementUnitQualifier="AAA" UoM="KGM">1.710</MeasurementUnit>
    </Measurements>
  </Package>
  <Package>
    <PkgNumber>2</PkgNumber>
    <PkgInfo>
      <PacketCount>1</PacketCount>
      <PacketKind>CT</PacketKind>
    </PkgInfo>
    <PkgId>
      <PkgIdentSystem>17</PkgIdentSystem>
      <PkgIdentNumberQualifier>BN</PkgIdentNumberQualifier>
      <PkgIdentNumber>00122211008</PkgIdentNumber>
    </PkgId>
    <Measurements>
      <MeasurementUnit MeasurementUnitQualifier="AAA" UoM="KGM">1.710</MeasurementUnit>
    </Measurements>
    <PkgItem>
      <PositionNumber>1</PositionNumber>
      <DeliveredQuantity>
        <Quantity UoM="PCE">30</Quantity>
      </DeliveredQuantity>
      <ProductId>
        <MakerCode>ABC</MakerCode>
        <ProductNumber>250070</ProductNumber>
        <Ean>3351642500708</Ean>
        <BuyerProductNumber>2182483</BuyerProductNumber>
      </ProductId>
      <ProductDescription>
        <ProductName1>Gewindeb.</ProductName1>
      </ProductDescription>
```

```
      <OrderRef>
        <SellerOrderNumber>122648</SellerOrderNumber>
        <BuyerOrderNumber>496190</BuyerOrderNumber>
        <Date Qualifier="At">20061024</Date>
      </OrderRef>
      <OrderItemRef>
        <SellerOrderItemRef>250070</SellerOrderItemRef>
        <BuyerOrderItemRef>2182483</BuyerOrderItemRef>
      </OrderItemRef>
      <Measurements>
        <MeasurementUnit MeasurementUnitQualifier="AAA" UoM="KGM">0.620</MeasurementUnit>
      </Measurements>
    </PkgItem>
    <PkgItem>
      <PositionNumber>2</PositionNumber>
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        <Ean>3351642502481</Ean>
        <BuyerProductNumber>3038316</BuyerProductNumber>
      </ProductId>
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        <ProductName1>Gewindeb.</ProductName1>
      </ProductDescription>
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        <BuyerOrderNumber>496479</BuyerOrderNumber>
        <Date Qualifier="At">20061024</Date>
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TXML WITHOUT A NESTED STRUCTURE
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        <Street1>NIJVERHEIDSSTRAAT 12</Street1>
        <PostalCode/>
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        <PostalCode>92238</PostalCode>
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        </ProductDescription>
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        <OrderItemRef>
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Here is the same message in CAP format:

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                <RefDate fmt="102">20061024</RefDate>
            </Reference>
        </References>
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            <Supplier>
                <PartyId respAgency="91">169374</PartyId>
            </Supplier>
            <Buyer>
                <PartyId respAgency="91">00015789</PartyId>
            </Buyer>
```

```
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                <Name>Steingruber GmbH &amp;amp; Co </Name>
                <Address>Ludwig-Wilhelm-Str. 12 </Address>
                <Town>Rosenberg</Town>
                <PostCode>92238</PostCode>
                <CountryCode/>
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        </Parties>
        <MeansOfTransport val="30"/>
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    <Shipment>
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                        <ProductIds>
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                            <ProductId type="EN">3351642500708</ProductId>
                            <ProductId type="IN">2182483</ProductId>
                        </ProductIds>
                        <QtyShipped unit="PCE">30</QtyShipped>
                        <RefLineNo>2182483</RefLineNo>
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                            <Description lang="unknown-language">Gewindeb. </Description>
                        </Descriptions>
                        <References>
                            <Reference type="ON">
                                <RefNo>496190</RefNo>
                                <RefDate fmt="102">20061024</RefDate>
                            </Reference>
                        </References>
                    </Product>
                </Products>
            </Package>
        </Packages>
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                            <ProductId type="IN">3038316</ProductId>
                        </ProductIds>
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                            <Description lang="unknown-language">Gewindeb. </Description>
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                            <Reference type="ON">
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                            </Reference>
                        </References>
                    </Product>
                </Products>
            </Package>
        </Packages>
    </Shipment>
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TABLE 3: TXML despatch advice when converting into CAP and Clepa-Figiefa at TecCom

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    <Street1>NIJVERHEIDSSTRAAT 12</Street1>
    <PostalCode/>
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    <CountryCode>BE</CountryCode>
    <CountryName>Belgium</CountryName>
  </Address>
</SellerParty>
<BuyerParty>
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  <Address>
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    <CountryName>Germany</CountryName>
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    <Street1>Ludwig-Wilhelm-Str. 12</Street1>
    <PostalCode>92238</PostalCode>
    <City>Rosenberg</City>
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          <Ean>3351642500708</Ean>
          <BuyerProductNumber>2182483</BuyerProductNumber>
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        </ProductDescription>
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          <BuyerOrderNumber>496190</BuyerOrderNumber>
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        </OrderItemRef>
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      <PkgItem>
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          <ProductNumber>250248</ProductNumber>
          <Ean>3351642502481</Ean>
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        </ProductId>
        <ProductDescription>
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TXML FOR CAP AND CLEPA-FIGIEFA RECEIVERS

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  <OrderRef>
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    <BuyerOrderNumber>496479</BuyerOrderNumber>
    <Date Qualifier="At">20061024</Date>
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      <Street1>NIJVERHEIDSSTRAAT 12</Street1>
      <PostalCode/>
      <City>2260 OEVEL</City>
      <CountryCode>BE</CountryCode>
      <CountryName>Belgium</CountryName>
    </Address>
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  <BuyerParty>
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        <ProductNumber>250070</ProductNumber>
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        <BuyerProductNumber>2182483</BuyerProductNumber>
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        <OrderItemRef>
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        </OrderItemRef>
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Here is the same message in CAP format (dummy package is not created at all):

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            </Reference>
        </References>
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            </Supplier>
            <Buyer>
                <PartyId respAgency="91">00015789</PartyId>
            </Buyer>
            <DeliveryParty>
                <PartyId respAgency="91">00015789</PartyId>
                <Name>Steingruber GmbH &amp;amp; Co </Name>
                <Address>Ludwig-Wilhelm-Str. 12 </Address>
                <Town>Rosenberg</Town>
                <PostCode>92238</PostCode>
                <CountryCode/>
            </DeliveryParty>
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        <MeansOfTransport val="30"/>
    </Head>
    <Shipment>
        <Packages>
            <Package type="CT">
                <Measurements>
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                </Measurements>
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                            <ProductId type="EN">3351642500708</ProductId>
                            <ProductId type="IN">2182483</ProductId>
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                </ProductIds>
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                </Descriptions>
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                        <RefDate fmt="102">20061024</RefDate>
                    </Reference>
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  </Packages>
 </Shipment>
</DespatchAdvice>
```

Table 2 Allowed values for attribute UoM (unit of measurement)

CEL	Degree celsius
CMT	Centimetre
EA	Each
FAH	Degree fahrenheit
GRM	Gram
HUR	Hour
INH	Inch (25,4 mm)
KGM	Kilogram
LTR	Litre (1 dm3)
MIN	Minute
MLT	Millilitre
MMT	Millimetre
MTK	Square metre
MTQ	Cubic metre
MTR	Metre
NAR	Number of articles
NRL	Number of rolls
PCE	Piece
TNE	Metric ton (1000 kg)

Table 3 Allowed values for attribute MeasurementUnitQualifier

AAA	Unit net weight
AAB	Unit gross weight
AAF	Net net weight
AAW	Gross volume
ABJ	Volume
AEB	Stacking height
HT	Height
LN	Length
WD	Width

Table 4 Allowed values for field PacketKind

8 Oneway pallet (EAN Code)
Pallet need not be returned to the point of expedition (despatch)

9 Returnable pallet (EAN Code)
Pallet must be returned to the point of expedition (despatch)

200 Pallet ISO 0 - ½ EURO Pallet (EAN Code)
Standard pallet with dimensions 80 X 60 cm

201 Pallet ISO 1 - 1/1 EURO Pallet (EAN Code)
Standard pallet with dimensions 80 X 120 cm

202 Pallet ISO 2 (EAN Code)
Standard pallet with dimensions 100 X 120 cm

203 ¼ EURO Pallet (EAN Code)
Standard pallet with dimensions 60 X 40 cm

204 1/8 EURO Pallet (EAN Code)
Standard pallet with dimensions 40 X 30 cm

210 Wholesaler pallet (EAN Code)
Pallet provided by the wholesaler

211 Pallet 80 X 100 cm (EAN Code)
Pallet with dimensions 80 X 100 cm

212 Pallet 60 X 100 cm (EAN Code)
Pallet with dimensions 60 X 100 cm

APE Aluminium packed (EAN Code)
Packaging using a thin sheets of aluminium

BGE Large bag, pallet sized (EAN Code)
A non-rigid container made of fabric, paper, plastic, etc ... with an opening at the top which can be closed and which is suitable for use on pallets

BX Box
A lidded package which can be made of cardboard, wood, plastic, tin, etc

CCE Cardboard carrier (EAN Code)
A package made of cardboard

CHC CHEP cage (EAN Code)
A cage, which can be mounted in one or more layers, on a pallet base

CT Carton
A cardboard box or container

DPE Display package (EAN Code)
A package used for the display of goods, usually during a promotion

FP Filmpack
Packaging using a clear thin plastic

FPE Foil packed (EAN Code)
Packaging using metallic foil

JC Jerrycan, rectangular
A rigid rectangular container with a lid which is usually used for the storage and movement of oil, gasoline, etc

JY Jerrycan, cylindrical

	A rigid cylindrical container with a lid which is usually used for the storage and movement of oil, gasoline, etc
MPE	Multipack (EAN Code) A container for the merchandising of multiple units of the same product
NE	Unpacked or unpackaged A product merchandised or sold without packaging
PK	Package A wrapper or boxed item
PLP	Peel park (EAN Code) A package used for sterile products which may be torn open without touching the product inside
RO	Roll A package of goods wound into a ball or cylinder
THE	Three pack (EAN Code) A package containing three products
TWE	Two pack (EAN Code) A package containing two products

Table 5 Allowed values for field PkgIdentSystem

17	Supplier's instructions
33E	Marked with serial shipping contained code (EAN Code)
34E	Marked with EAN/UPC number (EAN Code)

Table 6 Allowed values for field PkgIdentNumberQualifier

BN	Serial number
BJ	Serial shipping container code (EAN code)
EU	EAN/UPC number (EAN code)