

Appendix 1. Description of OpenUMLF

This Appendix describes the OpenUMLF format in version V1 – V3.

Structure

Package – Package structure, storing the data of the sender, the recipient and the parcel list services;

<Packages>

<Package>

...

</Package>

</Packages>

Reference – Unique key enabling parcel identification e.g. ID from the clients warehouse system;

Receiver – recipient data;

<Receiver>

<FID>Recipient client number</FID>

<Company>Company name</Company>

<Name>Recipient name</Name>

<Address>Recipient address</Address>

<City>Recipient town</City>

<CountryCode>Country code</CountryCode>

<PostalCode>Recipient post code</PostalCode>

<Phone>Phone number</Phone>

<Email>E-mail address</Email>

</Receiver>

Sender – sender data;

<Sender>

<FID>Sender customer number</FID>

<Company>Company name</Company>

<Name>Sender name</Name>

<Address>Sender address</Address>

<City>Sender town</City>

<CountryCode>Country code</CountryCode>

<PostalCode>Sender post code</PostalCode>

<Phone>Phone number</Phone>

<Email>E-mail address</Email>

</Sender>

PayerType – payer – the subject covering the cost of parcel processing to DPD (types of payers are described in the Glossary Type section);

ThirdPartyFID – Third party client number – available only in OpenUMLFV1;

Ref1 - Reference field

Ref2 - Reference field

Ref3 - Reference field

Services – list of services for the parcel, the description is in the Services section.

<DeliveryDate>2026-02-11</DeliveryDate>

DeliveryDate – a field with a defined collection date, required only for the sender's country PL in the V2, XV2 and CV2 methods in the openUMLFV2 model

Parcels – list of parcels, each parcel has the following fields:

- Reference – a unique key enabling parcel identification;

- Weight – parcel weight
- SizeX – Dimension X in cm
- SizeY – Dimension Y in cm
- SizeZ – Dimension Z in cm
- Content – Description of the contents of the parcel
- CustomerData1 - User data
- CustomerData2 - User data
- CustomerData3 - User data
- Guarantee – Guaranteed delivery at the specified hour:

Services

- DPD 9:30 express delivery by 9.30 Monday to Friday. From 1st November until 1st March the service is guaranteed at 10.30.
- DPD 12:00 express delivery by 12.00 Monday to Friday.
- DPD at the hour – delivery on the next working day at the specified time (+/- 20 minutes) within the time intervals: 10:30 – 16:00, 18:00 – 8:00.

Cost of the service as per the price list;

Available attribute types in Glossary Types section, for TIMEFIXED and B2C sections there is an additional field Attr1 for providing the expected delivery time in the hh:mm format (TIMEFIXED) or the time interval in the [hh:mm-hh:mm\(B2C\)](#) format;

- Guaranteed 9.30 delivery (but also TIME1200, SATURDAY):

```
<Guarantee type="TIME9300"/>
```

- Guaranteed delivery within the specified time interval:

```
<Guarantee type="B2C">
```

```
<Attr1>12:00-18:00</Attr1>
```

```
</Guarantee>
```

- Guaranteed delivery at the agreed time:

```
<Guarantee type="TIMEFIXED">
```

```
<Attr1>15:45</Attr1>
```

```
</Guarantee>
```

- DeclaredValue – declared value of the parcel, contains the obligatory fields: Amount – amount collected, field format 0.00 and Currency – currency specification. If the currency is not specified the system assumes the default value which is PLN. Description of available currencies in the Glossary Types section;
- COD – cash on delivery, contains the obligatory fields: Amount – amount collected, field format 0.00 and Currency – currency specification. If the currency is not specified the system assumes the default value which is PLN. Description of available currencies in the Glossary Types section;
- CUD - at the time of releasing the parcel to the recipient, the DPD collects another parcel from the recipient, addressed to the sender of the primary parcel;
- ROD- the recipient's signature on the document attached to the parcel is obtained and such document is then returned to the sender;
- InPers - the parcel must be collected by the person named on the label. The courier verifies the recipient's identity on the basis of an ID, e.g. national identity card;
- SelfCol - personal collection from a DPD Depot, description of available values in the Glossary Types section;
- PrivPers - delivery to a private address;
- CarryIn - the courier carries the parcels into the place shown by the client;
- Duty – customs clearance – Note! Amount and Currency fields available only in OpenUMLFV3;
- Pallet - international service delivered on a pallet (for domestic pallet parcels it is enough to provide its actual dimensions and weight);
- DOX - an envelope up to 0,5 kg;
- Tires - parcel containing tyres. Only for domestic parcels;
- TiresExport – parcel containing tires. Only for international parcels;

Field size

Field	Description	Type/maximum size	Example of a value	Default value
Packages	List of parcels			
Package	Parcel details			
Reference	Unique key enabling parcel identification	Text(150)	RE23433	Empty
Receiver	Recipient data section			
FID	Recipient client number	Number	123123	
Company	Company name	Text(100)	Przykładowa sp. z o.o.	
Name	Recipient name	Text(100)	Jan Kowalski	
Address	Recipient address	Text(100)	Ul. Cicha 5 m 8	

City	Recipient town	Text(50)	Warszawa	
CountryCode	Recipient country code	Text(2)	PL	PL
PostalCode	Recipient post code	Text(10)	02878	
Phone	Recipient phone number	Text(100)	+48 22213143	
Email	Recipient e-mail	Text(100)	abc@poczta.pl	
Sender	Sender data section			
FID	Sender client number	Number	1222	
Company	Company name	Text(100)	Przykładowa sp. z o.o.	
Name	Sender name	Text(100)	Jan Kowalski	
Address	Sender address	Text(100)	Ul. Cicha 5 m 8	
City	Sender town	Text(50)	Warsaw	
CountryCode	Sender country code	Text(2)	PL	PL
PostalCode	Sender post code	Text(10)	40122	
Phone	Sender phone number	Text(100)	+48 22213143	
Email	Sender e-mail	Text(100)	abc@poczta.pl	
ThirdPartyFID	Third party client number	Number	12345	
Ref1	Reference field	Text(100)	12456790	Empty
Ref2	Reference field	Text(100)	FV001	Empty
Ref3	Reference field	Text(100)	documents	Empty
Services	Additional services section	Details in chapter on openUMLF services		
Parcels	Number of packages in a parcel			
Parcel	Parcel data section			
Reference	Unique key enabling parcel identification	Text(150)	RE23433	Empty
Weight	Parcel weight in kg	Number	12,50	0

SizeX	Dimension X w cm	Number	110	0
SizeY	Dimension Y w cm	Number	100	0
SizeZ	Dimension Z w cm	Number	55	0
Content	Parcel content	Text(300)	modems	Empty
CustomerData1	User data	Text(200)	abc	Empty
CustomerData2	User data	Text(200)		Empty
CustomerData3	User data	Text(200)		Empty
DeliveryDate	Defined realisation date	Tekst(100)	2026-02-13	Empty

Glossary types

a) PayerType – available payer types:

- RECEIVER – paid by the recipient;
- SENDER – paid by the sender;
- THIRD_PARTY – paid by a third party who is neither the recipient nor the sender;

b) Guarantee – available types:

- TIME0930 – Delivery by 9.30;
- TIME1200 – Delivery by 12.00;
- B2C – Premium client – for certain post codes it is possible to select precise guaranteed delivery time interval.
- TIMEFIXED – Delivery at the specific time hh:mm;
- SATURDAY,- Delivery on Saturday;
- INTER - guaranteed day of delivery;
- DPDNEXTDAY – guaranteed delivery attempt on the next working day following dispatch;

c) Currency – available currencies:

Glossary value	Description
PLN	Polish Zloty
EUR	Euro
USD	US Dollar
CHF	Swiss Frank
SEK	Swedish Krona
NOK	Norwegian Krone
CZK	Czech Koruna

RON	Romanian Leu
HUF	Hungarian Forint
HRK	Croatian Kuna
BGN	Bulgarian Lew
DKK	Danish Krone
GBP	British Pound
RSD	Serbian Dinar
RUB	Russian Rubel
TRY	Turkish Lira
UNKNOWN	Unknown currency

d) SelfCol – Recipient type:

- PRIV – an individual
- COMP – a company

Examples

OpenUMLFV1

Expand source

```
<Packages>
  <Package>
    <Reference>Reference</Reference>
    <Receiver>
      <FID>123456</FID>
      <Company>Company name</Company>
      <Name>Recipient name</Name>
      <Address>Recipient address</Address>
      <City>Recipient town</City>
      <CountryCode>Country code</CountryCode>
      <PostalCode>Recipient post code</PostalCode>
      <Phone>Telephone number</Phone>
      <Email>E-mail address</Email>
    </Receiver>
    <Sender>
      <FID>123456</FID>
      <Company>Company name</Company>
      <Name>Sender name</Name>
      <Address>Sender address</Address>
      <City>Sender town</City>
      <CountryCode>Country code</CountryCode>
      <PostalCode>Sender post code</PostalCode>
      <Phone>Telephone number</Phone>
      <Email>E-mail address</Email>
    </Sender>
    <PayerType>RECEIVER</PayerType>
    <ThirdPartyFID>123123</ThirdPartyFID>
    <Ref1>Reference 1</Ref1>
    <Ref2>Reference 2</Ref2>
    <Ref3>Reference 3</Ref3>
```

```

<Services>
  <Guarantee type="TIMEFIXED">
    <Attr1>15:45</Attr1>
  </Guarantee>
  <DeclaredValue>
    <Amount>200.00</Amount>
    <Currency>PLN</Currency>
  </DeclaredValue>
  <COD>
    <Amount>200.00</Amount>
    <Currency>PLN</Currency>
  </COD>
  <CUD/>
  <ROD/>
  <InPers/>
  <SelfCol receiver="PRIV"/>
  <PrivPers/>
  <CarryIn/>
  <Duty/>
  <Pallet/>
  <DOX/>
  <Tires/>
  <TiresExport/>
</Services>
<Parcels>
  <Parcel>
    <Reference>Parcel reference</Reference>
    <Weight>12.3</Weight>
    <SizeX>12</SizeX>
    <SizeY>7</SizeY>
    <SizeZ>15</SizeZ>
    <Content>Parcel content</Content>
    <CustomerData1>Additional customer data</CustomerData1>
    <CustomerData2>Additional customer data</CustomerData2>
    <CustomerData3>Additional customer data</CustomerData3>
  </Parcel>
</Parcels>
</Package>
</Packages>

```

OpenUMLFV2

Expand source

```

<Packages>
  <Package>
    <Reference>Referencja</Reference>
    <Receiver>
      <FID>123456</FID>
      <Company>Company name</Company>
      <Name>Recipient name</Name>
      <Address>Recipient address</Address>
      <City>Recipient town</City>
      <CountryCode>Country code</CountryCode>
      <PostalCode>Recipient post code</PostalCode>
      <Phone>Phone number</Phone>
      <Email>E-mail address</Email>
    </Receiver>
    <Sender>
      <FID>123456</FID>
      <Company>Company name</Company>

```



```

    <Name>Sender name</Name>
    <Address>Sender address</Address>
    <City>Sender town</City>
    <CountryCode>Country code</CountryCode>
    <PostalCode>Sender post code</PostalCode>
    <Phone>Telephone number</Phone>
    <Email>E-mail address</Email>
  </Sender>
  <PayerType>RECEIVER</PayerType>
  <Ref1>Additional reference field</Ref1>
  <Ref2>Additional reference field</Ref2>
  <Ref3>Additional reference field</Ref3>
  <Services>
    <Guarantee type="B2C">
      <Attr1>12:00-18:00</Attr1>
    </Guarantee>
    <DeclaredValue>
      <Amount>200.00</Amount>
      <Currency>PLN</Currency>
    </DeclaredValue>
    <COD>
      <Amount>200.00</Amount>
      <Currency>PLN</Currency>
    </COD>
    <CUD/>
    <ROD/>
    <InPers/>
    <SelfCol receiver="PRIV"/>
    <PrivPers/>
    <CarryIn/>
    <Duty/>
    <Pallet/>
    <DOX/>
    <Tires/>
    <TiresExport/>
  </Services>
  <Parcels>
    <Parcel>
      <Reference>Parcel reference</Reference>
      <Weight>12.3</Weight>
      <SizeX>12</SizeX>
      <SizeY>7</SizeY>
      <SizeZ>15</SizeZ>
      <Content>Parcel content</Content>
      <CustomerData1>Additional customer data</CustomerData1>
      <CustomerData2>Additional customer data</CustomerData2>
      <CustomerData3>Additional customer data</CustomerData3>
    </Parcel>
  </Parcels>
  <DeliveryDate>2026-02-11</DeliveryDate>
</Package>
</Packages>

```

OpenUMLFV3

Expand source

```

<Packages>
  <Package>
    <Reference>Reference</Reference>
    <Receiver>

```

```
<FID>123456</FID>
<Company>Company name</Company>
<Name>Recipient name</Name>
<Address>Recipient address</Address>
<City>Recipient town</City>
<CountryCode>Country code</CountryCode>
<PostalCode>Recipient post code</PostalCode>
<Phone>Telephone number</Phone>
<Email>E-mail address</Email>
</Receiver>
<Sender>
  <FID>123456</FID>
  <Company>Company name</Company>
  <Name>Sender name</Name>
  <Address>Sender address</Address>
  <City>Sender town</City>
  <CountryCode>Country code</CountryCode>
  <PostalCode>Sender post code</PostalCode>
  <Phone>Telephone number</Phone>
  <Email>E-mail address</Email>
</Sender>
<PayerType>RECEIVER</PayerType>
<Ref1>Additional reference field</Ref1>
<Ref2>Additional reference field</Ref2>
<Ref3>Additional reference field</Ref3>
<Services>
  <Guarantee type="TIME1200"/>
  <DeclaredValue>
    <Amount>200.00</Amount>
    <Currency>PLN</Currency>
  </DeclaredValue>
  <COD>
    <Amount>550.00</Amount>
    <Currency>PLN</Currency>
  </COD>
  <CUD/>
  <ROD/>
  <InPers/>
  <SelfCol receiver="PRIV"/>
  <PrivPers/>
  <CarryIn/>
  <Duty>
    <Amount>123.00</Amount>
    <Currency>PLN</Currency>
  </Duty>
  <Pallet/>
  <DOX/>
  <Tires/>
  <TiresExport/>
  <dpdExpress/>
  <documentsInternational/>
</Services>
<Parcels>
  <Parcel>
    <Reference>Parcel reference</Reference>
    <Weight>12.3</Weight>
    <SizeX>12</SizeX>
    <SizeY>7</SizeY>
    <SizeZ>15</SizeZ>
    <Content>Parcel content</Content>
    <CustomerData1>Additional customer data</CustomerData1>
    <CustomerData2>Additional customer data</CustomerData2>
    <CustomerData3>Additional customer data</CustomerData3>
```

```
    </Parcel>
  </Parcels>
</Package>
</Packages>
```