

Annex B

Examples of invoices (flow 2) and CDAR life cycle messages

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VERSION MANAGEMENT

Version No.	Version date	Description of changes
V1.0	2025 07 31	Initial version
V1.2	2025 10 31	<p>PDP modification => PA</p> <p>Correction of several errors in the life cycle examples:</p> <ul style="list-style-type: none">• Management dependent on PPF CDVs between PAs: MDT-2, MDT-3• Presence of MDT-4 (also dependent on PPF/PA CDVs) <p>Removal of spaces in certain REASONS for statuses</p>
V1.3	2026 02 26	<p>Addition of UBL EXTENDED examples</p> <p>Addition of examples of invoices with sub-lines (UBL, CII, Factur-x)</p> <p>Addition of multi-seller invoices (UBL, CII, Factur-X)</p>

Table of Contents

1	<i>General</i>	3
1.1	Invoices.....	3
1.2	Life Cycle - CDAR.....	4
2	<i>Examples</i>	6
2.1	Examples of invoices	6
2.2	Examples of CDV messages in CDAR	22
2.2.1	Nominal case	22
2.2.2	Case of an incorrect invoice to illustrate a dispute status	24

1 General

1.1 Invoices

The invoice examples are presented in the three minimum formats, as described in standard XP Z12-012, at this stage only for the EN 16931 profile:

- The UN/CEFACT CII format contains comments on each line containing data, allowing the identification code (BT-XX) to be recalled.
- The Factur-x format provides a readable representation, giving all the invoice data in a readable form. The factur-x.xml attached to the Factur-x is the UNCEFACT/CII above, but without the comments.
- The UBL format was created from the same data set with comments on each line containing data, allowing the identification code (BT-XX) to be recalled.

As explained in the documentation, syntaxes have their own semantic data structure, which leads to certain implementation choices that should be kept in mind:

- **Note management** consists of content (BT-22) and a subject code (BT-21). While this structure exists in CII, it does not exist in UBL. It was therefore decided to precede the content of the Note with its subject code between #. Example

✓ #PMT#Flat-rate compensation for collection costs in the event of late payment: \$40.

In addition, the standard allows multiple cardinalities for Notes (several Notes). If the cardinality of the Note is multiple in UBL, this is to allow it to be provided in several languages. Consequently, although the xsd and schematrons accept multiple UBL Notes, strict compliance with UBL would require that there be only one note per invoice. It is therefore possible to see UBL invoices with all notes concatenated. If there is no subject code, it should be separated with a double #. Example:

✓ #Code#Text#Code2#text2##text3 ...

This is not done in the UBL examples, which nevertheless allows for better visibility.

- **The management of Party Identifiers**, which can either be private (just an Identifier) or be an Identifier qualified by a schemeID (0009 for SIRET, 0088 for a GLN, etc.). Management differs depending on whether you are in UBL or CII:
 - ✓ In UBL, an ID element is used, with its schemeID, which is optional (cardinality 0..1). This is therefore in line with the EN 16931 standard.
 - ✓ In CII, there are two identifiers:
 - ID, which has no schemeID and is only used for unqualified private IDs.
 - GlobalID, which requires a @schemeID.
- **Use of block BG-24 (Additional Documents)** for BT-17 (Reference to the Tender or Lot, only in CII) and BT-18 (Invoiced Item, in CII and UBL). To do this, additional data is required in block BG-24 to distinguish between the two or three BTs:
 - ✓ Document TypeCode, which takes the following values:
 - In UBL: in cac:AdditionalDocumentReference/cbc:ID: value 130 to qualify BT-18 data (Invoiced Item), the schemeID of the invoiced item to be selected from list 1153 must be positioned in cac:AdditionalDocumentReference/cbc:ID/@schemeID. And no value in this field for a BG-24.
 - In CII: in /ram:AdditionalReferencedDocument/ram:TypeCode with values 130 for a BT-18, 50 for a BT-17, and 916 for a BG-24. The qualifier for the invoiced item is entered in AdditionalReferencedDocument/ram:ReferenceTypeCode, to be selected from list 1153.

Example in CII:

```
<ram:AdditionalReferencedDocument>
  <ram:IssuerAssignedID>&lt;REF_ANNEXE_009875&lt;/ram:IssuerAssignedID> <!-- BT-122 (Supporting document identifier): REF_ANNEXE_009875 --&gt;
  <ram:URIID> url:gffter&lt;/ram:URIID> <!-- BT-124 (External document location): url:gffter --&gt;
  <ram:TypeCode> 916&lt;/ram:TypeCode> <!-- BT-122-0 (Type code (916)): 916 --&gt;
  <ram:Name> DOCUMENT_ANNEXE&lt;/ram:Name> <!-- BT-123 (Supporting document description): DOCUMENT_ANNEXE --&gt;
&lt;/ram:AdditionalReferencedDocument>
```

```
<ram:AdditionalReferencedDocument>
```

```

<ram:IssuerAssignedID> APPEL_OFFRE-FRE0087&lt;/ram:IssuerAssignedID> <!-- BT-17 (Tender or lot identifier): APPEL_OFFRE-FRE0087 -->
<ram:TypeCode> 50&lt;/ram:TypeCode> <!-- BT-17-0 (Type code (50)): 50 -->
&lt;/ram:AdditionalReferencedDocument>

<ram:AdditionalReferencedDocument>
<ram:IssuerAssignedID> REF_CLIENT2514&lt;/ram:IssuerAssignedID> <!-- BT-18 (Invoiced object identifier): REF_CLIENT2514 -->
<ram:TypeCode> 130&lt;/ram:TypeCode> <!-- BT-18-0 (Type code (130)): 130 -->
<ram:ReferenceTypeCode> IT&lt;/ram:ReferenceTypeCode> <!-- BT-18-1 (Scheme identifier): IT -->
&lt;/ram:AdditionalReferencedDocument>

```

- **Management of BT-8 (VAT on receipt or debit):**

- ✓ In UBL, this data is managed at the document level as a single piece of data, using a code list that is not the same as in UN/CEAT CII: 432 to indicate VAT on receipt and 3 (invoice date) to indicate VAT on debit.
- ✓ In CII, the data is in the VAT breakdown (BG-23), which has a cardinality of 0..n (because multiple rates or exemptions are possible), which means that it must either be provided in one of the occurrences of BG-23 or the same value must be provided in each iteration of the BG-23 block in CII. The values to be used are 72 to express VAT on receipt, and 5 (invoice date) to indicate VAT on debit.

PLEASE NOTE: in UBL, there is a dedicated message for these (Credit Note), which is very similar to the INVOICE message, but with a few differences.

1.2 Life Cycle - CDAR

Examples of the life cycle are presented for the nominal case, starting with invoice UC1_F202500003_00-INV_20250701.

All statuses are presented, with two files for "Mandatory" statuses, as the life cycle transmitted to the PPF differs slightly from that exchanged between Accredited Platforms ("Plateformes Agréées") (PA). This is because Accredited Platforms are identified and named in the Life cycle messages transmitted to the PPF, whereas they are simply qualified (WK in CodeRole) for statuses exchanged between Accredited Platforms.

The reason for this is that life cycle messages are intended to be exchanged as is with the Issuers and Recipients, which requires that the Accredited Platforms used by one party remain anonymous to the other.

As a reminder, the CDAR message is broken down as follows (example with a status message, one of the most complete):

- A header providing the context of the exchange
 - ✓ The type of business process: REGULATED for invoices subject to e-invoicing in **MDT-2** (nothing is required by the PPF and this data is limited to 3 characters).
 - ✓ A profile type (**MDT-3**): here, there is only one, which means that it is a flow 6 (CDV on invoice Flow 2 or Flow 3):
 - urn.cpro.gouv.fr:1p0:CDV:invoice for CDVs between Accredited Platforms.
 - urn.cpro.gouv.fr:1p0:CDV:einvoicingF2 for CDVs sent to the PPF.

Example for CDV to be exchanged between Accredited Platforms:

```

<rsm:ExchangedDocumentContext>
  <ram:BusinessProcessSpecifiedDocumentContextParameter>
    <ram:ID> REGULATED&lt;/ram:ID> &lt;!-- MDT-2 (Business process type (billing framework)): REGULATED -->
  &lt;/ram:BusinessProcessSpecifiedDocumentContextParameter>
  <ram:GuidelineSpecifiedDocumentContextParameter>
    <ram:ID> urn.cpro.gouv.fr:1p0:CDV:invoice&lt;/ram:ID> &lt;!-- MDT-3 (Profile type (e-invoicing, e-reporting, invoice, etc.)): urn.cpro.gouv.fr:1p0:CDV:invoice -->
  &lt;/ram:GuidelineSpecifiedDocumentContextParameter>
&lt;/rsm:ExchangedDocumentContext>

```

- A document header, which indicates:
 - ✓ A Document Identifier (**MDT-4**): with a specific structure for CDVs intended for the PPF
 - ✓ The name of the document (**MDT-5**).
 - ✓ The date and time the Life Cycle Message was created: **MDT-8**
 - ✓ The parties: the status creator, the status issuer, and the recipient(s). See the "CDV Actors" sheet in Annex A to see who must be identified and how, for each status.

Example:

```
<rsm:ExchangedDocument>
  <ram:ID>F202500003_200_20250701151000#380_20250701</ram:ID> <!-- MDT-4 (Id document) : F202500003_200_20250701151000#380_20250701 -->
  <ram:Name>UC1_F202500003_07-CDV-212_Encaissée</ram:Name> <!-- MDT-5 (Nom document) : UC1_F202500003_07-CDV-212_Encaissée -->
  <ram:IssueDateTime>
    <udt:DateTimeString format="204">20250802100500</udt:DateTimeString> <!-- MDT-8 (Date-heure de création du CDV) : 20250802100500 -->
  </ram:IssueDateTime>
  <ram:SenderTradeParty>
    <ram:RoleCode>WK</ram:RoleCode> <!-- MDT-21 (Code rôle) : WK -->
  </ram:SenderTradeParty>
  <ram:IssuerTradeParty>
    <ram:GlobalID schemeID="0002">100000009</ram:GlobalID> <!-- MDT-38 (ID émetteur document (global)) : 100000009 -->
    <ram:Name>VENDEUR</ram:Name> <!-- MDT-39 (Raison sociale) : VENDEUR -->
    <ram:RoleCode>SE</ram:RoleCode> <!-- MDT-40 (Code rôle) : SE -->
  </ram:IssuerTradeParty>
  <ram:RecipientTradeParty>
    <ram:GlobalID schemeID="0002">200000008</ram:GlobalID> <!-- MDT-57 (ID destinataire (global)) : 200000008 -->
    <ram:Name>ACHETEUR</ram:Name> <!-- MDT-58 (Raison sociale) : ACHETEUR -->
    <ram:RoleCode>BY</ram:RoleCode> <!-- MDT-59 (Code rôle) : BY -->
  </ram:RecipientTradeParty>
  <ram:RecipientTradeParty>
    <ram:GlobalID schemeID="0238">9998</ram:GlobalID> <!-- MDT-57t (-) : 9998 -->
    <ram:Name>PPF</ram:Name> <!-- MDT-58t (-) : PPF -->
    <ram:RoleCode>DFH</ram:RoleCode> <!-- MDT-59t (-) : DFH -->
  </ram:RecipientTradeParty>
</rsm:ExchangedDocument>
```

- A life cycle grouping block, which is not used (only one document per CDV, except in very specific cases), containing:
 - ✓ Information indicating whether it is a transmission status (305) or processing status (23): **MDT-77**
 - ✓ A date and time when the status was submitted (by the user): **MDT-78**
 - ✓ A block detailing the characteristics of the invoice Subject of the life cycle message, as well as the coded status 2xx (212 for a "Received" status), then:
 - A status detail block indicating a status reason, a required action, and a final data detail sub-block (e.g., the amount received, with applicable VAT rate).

Example:

```
<rsm:AcknowledgementDocument>
  <ram:MultipleReferencesIndicator>
    <udt:Indicator>>false</udt:Indicator> <!-- MDT-74 (Indicateur CDV MONO (false) ou MULTI (true) Document) : false -->
  </ram:MultipleReferencesIndicator>
  <ram:TypeCode>23</ram:TypeCode> <!-- MDT-77 (Code type document) : 23 -->
  <ram:IssueDateTime>
    <udt:DateTimeString format="204">20250802100000</udt:DateTimeString> <!-- MDT-78 (Date-heure de dépôt du statut CDV) : 20250802100000 -->
  </ram:IssueDateTime>

  <ram:ReferenceReferencedDocument>
    <ram:IssuerAssignedID>F202500003</ram:IssuerAssignedID> <!-- MDT-87 (ID objet (BT-1 d'une facture)) : F202500003 -->
    <ram:StatusCode>47</ram:StatusCode> <!-- MDT-88 (Code statut) : 47 -->
    <ram:TypeCode>380</ram:TypeCode> <!-- MDT-91 (Code type de l'objet (BT-3 de la facture)) : 380 -->
    <ram:ReceiptDateTime>
      <udt:DateTimeString format="204">20250701151000</udt:DateTimeString> <!-- MDT-95 (Date-heure de réception de l'objet (pour une facture : date statut Déposée / Rejetée pour l'Emetteur ; date statut Reçue / Rejetée pour le Destinataire)) : 20250701151000 -->
    </ram:ReceiptDateTime>
    <ram:FormattedIssueDateTime>
      <qdt:DateTimeString format="102">20250701</qdt:DateTimeString> <!-- MDT-100 (Date-heure (Date de facture BT-2)) : 20250701 -->
    </ram:FormattedIssueDateTime>
    <ram:ProcessConditionCode>212</ram:ProcessConditionCode> <!-- MDT-105 (Code statut traitement) : 212 -->
    <ram:ProcessCondition>Encaissée</ram:ProcessCondition> <!-- MDT-106 (Libellé statut traitement) : Encaissée -->
    <ram:IssuerTradeParty>
      <ram:GlobalID schemeID="0002">100000009</ram:GlobalID> <!-- MDT-129 (Id émetteur document référencé (global)) : 100000009 -->
    </ram:IssuerTradeParty>

    <ram:SpecifiedDocumentStatus>
      <ram:SpecifiedDocumentCharacteristic>
        <ram:TypeCode>MEN</ram:TypeCode> <!-- MDT-207 (Code du type de donnée) : MEN -->
        <ram:ValueChangedIndicator>
          <udt:IndicatorString>>false</udt:IndicatorString> <!-- MDT-209 (Indicateur) : false -->
        </ram:ValueChangedIndicator>
        <ram:ValueAmount currencyID="EUR">12000</ram:ValueAmount> <!-- MDT-215 (Montant (par exemple Encaissé)) : 12000 -->
        <ram:ValuePercent>20.00</ram:ValuePercent> <!-- MDT-224 (Pourcentage (par exemple TVA pour un Encaissé)) : 20.00 -->
      </ram:SpecifiedDocumentCharacteristic>
    </ram:SpecifiedDocumentStatus>
  </ram:ReferenceReferencedDocument>
</rsm:AcknowledgementDocument>
```

Pay particular attention to dates and times, which are multiple:

- The status date (**MDT-8**): corresponds to the date and time when the Life Cycle message was created.
- The status submission date (**MDT-78**): corresponds to the date and time when the status is created (for example, when a status is set by a user in an application, before the application creates the CDV message that will then be transmitted).
- The subject receipt date (**MDT-95**): corresponds to the date and time when the invoice was received by the person who set the status.
 - ✓ For statuses set by the Issuer or its AP-E: this is the date and time of the "Submitted" or "Rejected" status at the time of issuance (MDT-8 of these statuses).
 - ✓ For statuses set by the Recipient or its AP-R: this is the date and time of the "Received" or "Rejected" status (MDT-8 of these statuses).
 - ✓ For a given invoice and actor (CDV issuer/recipient), this field will therefore always show the same date and time throughout the life cycle.
- The date of the subject (here the invoice) (**MDT-100**): corresponds to the date of the invoice (BT-2) to which the CDV relates.

The "Data to be reported or expected value ("ram:SpecifiedDocumentCharacteristic") block is managed as follows:

- MDT-207 (ram:TypeCode) is used to indicate the type of use: see BR-EN-CDV-CL-11
- MDT-206 (ram:ID) provides the ID of the data that is in error or needs to be corrected
- MDT-211 (ram:Name) gives the name of the data
- MDT-213 (ram:Location) gives the Xpath of the data
- The data is then presented by type.

For the status "Received," the data type code is MEN (amount received with VAT), the amount is in MDT-215 (ram:ValueAmount), and the VAT rate is MDT-224 (ram:ValuePercent).

2 Examples

2.1 Examples of invoices

The following invoice examples are provided:

- Invoice F202500001_INV_20250201: is an invoice that aims to include as much data as possible. This results in some functional inconsistencies (transfer and direct debit data, for example), but allows you to see how each piece of data is positioned in the syntax.
- Invoice UC1_F202500003_00-INV_20250701: is a simple service invoice (Billing Framework S1) used to illustrate examples of Life Cycle statuses.
- Invoice UC5_F202500007_00-INV_20250702 and the credit note that cancels it UC5b_F202500011_00-CN_20250703 (due to incorrect VAT)
- Invoice UC4_F202500006_00-INV_20250701 and the corrected invoice that cancels and replaces it UC4b_F202500010_00-INVCORR_20250702.
- Invoice UC12_F202600025_SOUS-LIGNE is an invoice with a sub-line illustrating the sale of a toy book.
- Invoice UC10_F202600004_MULTI-VENDEUR is a multi-seller invoice.
- Invoice UC11_F202600022_MULTI-VENDEUR is a multi-seller invoice showing an example of a water distribution invoice.

The annotated CII and UBL version and the readable Factur-X allow to view all the data present.

The data from example F202500001_INV_20250201 is listed below. As BT-46 currently has a cardinality of 0..1 in the EN 16931 profile, a version in the EXTENDED-CTC-FR profile has been produced in CII and UBL to show the multiplicity of BT-46.

BT	Designation	Data	Line 2	Line 3	Line 4
BT-1	Invoice number	F202500001			
BT-2	Date of initial invoice / corrected invoice	02/01/2025			
BT-3	Invoice type code	380			
BT-5	Invoice currency code	EUR			
BT-6	VAT accounting currency code				
BT-7	Value added tax due date				
BT-8	Value added tax due date code	5			
BT-9	Due date / Payment date in case of advance payment	45719			
BT-10	Buyer reference	SERVEXEC			
BT-11	Project reference	PROJET_2547			
BT-12	Contract reference	CT2018120802			
BT-13	Purchase order reference	PO201925478			
BT-14	Sales order number	BON VENTE REF 2547			
BT-15	Receipt reference	BON_RECEPT_002			
BT-16	Shipping notice reference	AVISLIVRAISON_007654			
BT-17	Tender or lot reference	APPEL_OFFRE-FRE0087			
BT-18	Invoiced item ID	REF_CLIENT2514			
BT-18-1	Scheme identifier	IT			
BT-19	Buyer's accounting reference	REF COMPTABLE ACHETEUR			
BT-20	Payment terms	PAIEMENT 30 JOURS NET			
BG-1	INVOICE NOTE				

BT-21	Invoice note subject code	REG			
BT-22	Invoice note	VENDEUR SARL au capital de 50 000 EUR			
BT-21	Invoice note subject code	ABL			
BT-22	Invoice note	RCS MAVILLE 100 000 009			
BT-21	Invoice note subject code	AAI			
BT-22	Invoice note	35 ma rue a moi,75018 PARIS, FR – contact@vendeur.fr - www.levendeur.fr – N° TVA : FR88 100 000 009			
BT-21	Invoice note subject code	PMD			
BT-22	Invoice note	Tout retard de paiement engendre une pénalité exigible à compter de la date d'échéance, calculée sur la base de trois fois le taux d'intérêt légal.			
BT-21	Invoice note subject code	PMT			
BT-22	Invoice note	Indemnité forfaitaire pour frais de recouvrement en cas de retard de paiement : €40.			
BT-21	Invoice note subject code	AAB			
BT-22	Invoice note	Les règlements reçus avant la date d'échéance ne donneront pas lieu à escompte.			
BT-21	Invoice note subject code	TXD			
BT-22	Invoice memo	MEMBRE_ASSUJETTI_UNIQUE			
BG-2	PROCESS CONTROL				
BT-23	Business process type (billing framework)	B1			
BT-24	Profile type (e-invoicing, e-reporting, invoice, etc.)	urn:cen.eu:en16931:2017			
BG-3	REFERENCE TO A PREVIOUS INVOICE				
BT-25	Reference to a previous invoice				
BT-26	Date of previous invoice				

BG-4	SELLER				
BT-27	Seller's company name	LE VENDEUR			
BT-28	Seller's trade name	VENDEUR NOM COMMERCIAL			
BT-29	Private identifier of the seller	PRIVATE_123			
BT-29	Scheme identifier	587451236587			
BT-29-1	Scheme ID	0088			
BT-29b	Seller ID (SIRET)	10000000900017			
BT-29b-1	Scheme identifier (SIRET)	0009			
BT-29c	Seller identifier (routing)	DUNS1235487			
BT-29c-1	Scheme identifier (routing)	0060			
BT-29d	Seller ID (Single taxable entity)	500000005			
BT-29d-1	Scheme identifier (Single taxable entity)	0231			
BT-30	SIREN number	100000009			
BT-30-1	Scheme identifier	0002			
BT-31	Seller's VAT ID	FR8810000009			
BT-31-0	Qualifier for seller's VAT ID number				
BT-32	Seller's tax identification number				
BT-32-0	Qualifying as the Seller's Tax Identification Number				
BT-33	Legal form and share capital for companies	SARL AU CAPITAL DE 50 000 EUROS			
BT-34	Seller's electronic address	100000009_STATUTS			
BT-34-1	Scheme identifier	0225			
BG-5	SELLER'S POSTAL ADDRESS				

BT-35	Seller's address - Line 1	35 rue d'ici			
BT-36	Seller's address - Line 2	ligne 2 vendeur			
BT-162	Seller's address - Line 3				
BT-37	Seller's location	PARIS			
BT-38	Seller's postal code	75018			
BT-39	Seller's country subdivision				
BT-40	Seller's country code	FR			
BG-6	SELLER CONTACT				
BT-41	Seller contact point	MME CONTACT			
BT-42	Seller's contact phone number	01 02 03 54 87			
BT-43	Seller's contact electronic address	contact@vendeur.fr			
BG-7	BUYER				
BT-44	Buyer's company name	LE CLIENT			
BT-45	Trade name of the buyer	CLIENT NOM COMMERCIAL			
BT-46	Additional buyer identifier	privateID			
BT-46	Additional buyer ID	3654789851			
BT-46-1	Scheme identifier	0088			
BT-46b	Buyer ID (SIRET) EXTENDED PROFILE	20000000800025			
BT-46b-1	Scheme identifier (SIRET) EXTENDED PROFILE	0009			
BT-46c	Buyer identifier (routing) EXTENDED PROFILE	CDROUT1			
BT-46c-1	Scheme identifier (routing) EXTENDED PROFILE	0224			
BT-47	SIREN number	200000008			

BT-47-1	Scheme identifier	0002			
BT-48	VAT ID number of the buyer	FR37200000008			
BT-48-0	Qualifying as the buyer's tax identification number				
BT-49	Address identifier	200000008			
BT-49-1	Address identifier scheme identifier	0225			
BG-8	BUYER'S POSTAL ADDRESS				
BT-50	Buyer's address - Line 1	MON ADRESSE LIGNE 1			
BT-51	Buyer's address - Line 2	acheteur ligne 2			
BT-163	Buyer's address - Line 3	acheteur ligne 3			
BT-52	Buyer's location	MA VILLE			
BT-53	Buyer's postal code	06000			
BT-54	Buyer's country subdivision				
BT-55	Buyer's country code	FR			
BG-9	BUYER CONTACT				
BT-56	Buyer's contact point	Contact ACHETEUR			
BT-57	Buyer's contact phone number	01 01 25 45 87			
BT-58	Buyer's contact electronic address	contact@acheteur.fr			
BG-10	BENEFICIARY				
BT-59	Name of beneficiary	TIERS Bénéficiaire			
BT-60	Beneficiary's additional identifier				
BT-60-1	Scheme identifier	0088			
BT-61	Beneficiary's legal registration identifier	300000007			

BT-61-1	Scheme identifier	0002			
BG-11	SELLER'S TAX REPRESENTATIVE				
BT-62	Name of the seller's tax representative	ASSUJETTI UNIQUE VENDEUR			
BT-63	VAT identification number of the seller's tax representative	FR78500000005			
BT-63-1	Identification number of the tax representative's VAT identification number scheme				
BG-12	POSTAL ADDRESS OF THE SELLER'S TAX REPRESENTATIVE				
BT-64	Address of the tax representative - Line 1	75 rue labas			
BT-65	Address of tax representative - Line 2	Assujetti Unique ligne 2			
BT-164	Tax representative address - Line 3				
BT-66	Location of tax representative	PARIS			
BT-67	Postal code of the tax representative	75007			
BT-68	Country subdivision of the tax representative				
BT-69	Country code of the tax representative	FR			
BG-13	DELIVERY INFORMATION				
BT-70	Delivered to	NOM LIVRÉ			
BT-71	Delivery location identifier	PRIVATE_ID_DELIVERY			
BT-71-1	Delivery establishment scheme identifier				
BT-72	Effective delivery date	01/31/2025			
BG-14	BILLING PERIOD				
BT-73	Start date of billing period	01/01/2025			
BT-74	End date of billing period	01/31/2025			
BG-15	DELIVERY ADDRESS				

BT-75	Delivery address - Line 1	ADRESSE LIVRAISON LIGNE 1			
BT-76	Delivery address - Line 2	AD LIV ligne 2			
BT-165	Delivery address - Line 3				
BT-77	Location Delivery address	NICE			
BT-78	Postal code Delivery address	06000			
BT-79	Country subdivision				
BT-80	Country code	FR			
BG-16	PAYMENT INSTRUCTIONS				
BT-81	Payment method type code	30			
BT-82	Payment method description	Virement			
BT-83	Payment notice	F202500001_200000008			
BG-17	TRANSFER				
BT-84	Payment account identifier	FR20 1254 2547 2569 8542 5874 698			
BT-85	Payment account name	MON COMPTE BANCAIRE			
BT-86	Payment service provider identifier	BIC_MONCOMPTE			
BG-18	PAYMENT CARD INFORMATION				
BT-87	Payment account identifier				
BT-88	Payment account name				
BG-19	DEBIT				
BT-89	Mandate reference identifier	REF MANDAT ICS			
BT-90	Creditor's bank identifier				
BT-91	Debit account identifier (IBAN)	CPTE DEBIT			

BG-20	DOCUMENT LEVEL ALLOWANCES				
BT-92	Amount of the allowance at document level	5			
BT-93	Basis for the document level adjustment	100			
BT-94	Percentage of document leveling	5			
BT-95	VAT type code for the document allowance	S			
BT-96	VAT rate of the allowance at document level	20			
BT-97	Reason for adjustment at document level	REMISE COMMERCIALE_1			
BT-98	Document upgrade reason code	95			
BG-20	DOCUMENT-LEVEL ALLOWANCES -2nd				
BT-92	Amount of document level adjustment	1			
BT-93	Basis for the document level adjustment	100			
BT-94	Percentage of document leveling	1			
BT-95	VAT type code for the document level allowance	S			
BT-96	VAT rate of the allowance at document level	20			
BT-97	Reason for adjustment at document level	REMISE COMMERCIALE_2			
BT-98	Document upgrade reason code	100			
BG-20	DOCUMENT-LEVEL ALLOWANCES 3rd				
BT-92	Amount of the document level adjustment	1			
BT-93	Basis for the document upgrade	100			
BT-94	Percentage of document allowance	1			
BT-95	VAT type code for the document level allowance	S			
BT-96	VAT rate of the allowance at document level	20			

BT-97	Reason for adjustment at document level	REMISE COMMERCIALE_3			
BT-98	Document upgrade reason code	100			
BG-20	DOCUMENT-LEVEL ALLOWANCES 4th				
BT-92	Amount of the document level adjustment	2			
BT-93	Basis for the document upgrade	100			
BT-94	Percentage of document leveling	2			
BT-95	VAT type code for the document-level allowance	S			
BT-96	VAT rate of the allowance at document level	10			
BT-97	Reason for adjustment at document level	REMISE COMMERCIALE_4			
BT-98	Document upgrade reason code				
BG-21	CHARGES OR FEES AT DOCUMENT LEVEL				
BT-99	Amount of charges	10			
BT-100	Basis for document-level charges or fees	100			
BT-101	Percentage of charges or expenses at document level	10			
BT-102	Expense VAT type code	S			
BT-103	VAT rate for expenses or fees at document level	20			
BT-104	Reason for charges or expenses at document level	FRAIS DEPLACEMENT_1			
BT-105	Reason code for charges or expenses at document level	FC			
BG-21	CHARGES OR EXPENSES AT DOCUMENT LEVEL 2nd				
BT-99	Amount of charges	1			
BT-100	Basis for charges or expenses at document level	100			
BT-101	Percentage of charges or fees at document level	1			

BT-102	VAT type code for charges	S			
BT-103	VAT rate for expenses or charges at document level	20			
BT-104	Reason for charges or expenses at document level	AUTRE CHARGE			
BT-105	Reason code for charges or expenses at document level	ADR			
BG-21	CHARGES OR EXPENSES AT DOCUMENT LEVEL 3rd				
BT-99	Amount of charges	2			
BT-100	Basis for charges or expenses at document level				
BT-101	Percentage of charges or expenses at document level				
BT-102	VAT type code for charges	K			
BT-103	VAT rate for charges or expenses at document level	0			
BT-104	Reason for charges or expenses at document level	FRAIS DEPLACEMENT_2			
BT-105	Reason code for charges or fees at document level	FC			
BG-21	CHARGES OR EXPENSES AT DOCUMENT LEVEL 4th				
BT-99	Amount of charges	1			
BT-100	Basis for charges or expenses at document level				
BT-101	Percentage of charges or expenses at document level				
BT-102	VAT type code for charges	S			
BT-103	VAT rate for charges or expenses at document level	10			
BT-104	Reason for charges or expenses at document level	FRAIS DEPLACEMENT_3			
BT-105	Reason code for charges or expenses at document level	FC			
BG-22	DOCUMENT TOTALS				
BT-106	Sum of the net amounts of the invoice lines	105			

BT-107	Sum of allowances at document level	9			
BT-108	Sum of charges or fees at document level	14			
BT-109	Total amount of the invoice without VAT	110			
BT-110	Total amount of VAT on the invoice	8.7			
BT-110-1	Currency code				
BT-111	Total VAT amount on the invoice (accounting currency)				
BT-111-1	Currency code				
BT-112	Total amount of the invoice, with VAT.	118.7			
BT-113	Amount paid	0			
BT-114	Rounded amount	0			
BT-115	Amount payable	118.7			
BG-23	VAT BREAKDOWN				
BT-116	Taxable amount for VAT type	39			
BT-117	VAT amount for each VAT type	7.8			
BT-118	VAT type code	S			
BT-119	VAT rate type	20			
BT-120	Reason for VAT exemption				
BT-121	VAT exemption reason code				
BG-23	VAT BREAKDOWN 2nd				
BT-116	Taxable amount of the VAT type	60			
BT-117	VAT amount for each VAT type	0			
BT-118	VAT type code	E			

BT-119	VAT type rate	0			
BT-120	Reason for VAT exemption	REMBOURSEMENT			
BT-121	VAT exemption code	VATEX-EU-79-C			
BG-23	VAT BREAKDOWN 3rd				
BT-116	Taxable amount of the VAT type				
BT-117	VAT amount for each VAT type	0.9			
BT-118	VAT type code	S			
BT-119	VAT rate type	10			
BT-120	Reason for VAT exemption				
BT-121	VAT exemption reason code				
BG-23	VAT BREAKDOWN 4th				
BT-116	Taxable amount of the VAT type	2			
BT-117	VAT amount for each VAT type	0			
BT-118	VAT type code	K			
BT-119	VAT type rate	0			
BT-120	Reason for VAT exemption	LIVRAISON INTRACOMMUNAUTAIRE			
BT-121	VAT exemption code	VATEX-EU-IC			
BG-24	ADDITIONAL SUPPORTING DOCUMENTS				
BT-122	Supporting document reference	REF_ANNEXE_009875			
BT-123	Description of supporting document	DOCUMENT_ANNEXE			
BT-124	External document location	url:gffter			
BT-125	Attached document				

BT-125-1	MIME code of the attached document				
BT-125-2	File name of the attached document				
BG-25	INVOICE LINE				
BT-126	Invoice line identifier	1	2	3	4
BT-127-00	Invoice line note				
BT-127	Invoice line note		DONT 0,50 EUR de DEEE		
BT-128	Invoice line item identifier		TARIF_2022		
BT-128-1	Scheme identifier		AFG		
BT-129	Quantity billed	1	30	1	2
BT-130	Code for the unit of measurement of the quantity invoiced	C62	C62	C62	HUR
BT-131	Net invoice line amount	60	21	10	14
BT-132	Reference of the referenced purchase order line	1	4	3	2
BT-133	Accounting reference of the buyer of the invoice line	BUY_ACC_REF	BUY_ACC_REF1	BUY_ACC_REF2	BUY_ACC_REF3
BG-26	BILLING PERIOD FOR A LINE				
BT-134	Start date of billing period for a line	01/01/2025	01/01/2025	01/01/2025	01/01/2025
BT-135	End date of billing period for a line	01/31/2025	01/31/2025	01/31/2025	01/31/2025
BG-27	INVOICE LINE ALLOWANCE				
BT-136	Amount of an allowance, without VAT		1		
BT-137	Basis for the invoice line allowance		100		
BT-138	Percentage of invoice line allowance		1		
BT-139	Reason for invoice line allowance		REMISE VOLUME		
BT-140	Invoice line allowance reason code		71		

BG-28	CHARGE OR FEE FOR A BILLING LINE				
BT-141	Amount of charges or fees		1		
BT-142	Basis for charges or fees applicable to the invoice line				
BT-143	Percentage of charges or expenses applicable to the invoice line				
BT-144	Reason for charges or fees applicable to the invoice line		FRAIS PREPARATION		
BT-145	Code for reason for charges or fees applicable to the invoice line				
BG-29	PRICE DETAILS				
BT-146	Net price of the item	60	0.7	30	7
BT-147	Discount on the price of the item		0.1		3
BT-148	Gross price of the item	60	0.8	30	10
BT-149	Base quantity of the item price	1	1	3	1
BT-150	Code for the unit of measurement of the base quantity of the item price	C62	C62	C62	HUR
BG-30	INFORMATION ON VAT				
BT-151	VAT type code of the invoiced item	E	S	S	S
BT-152	VAT rate for the invoiced item	0	20	10	20
BG-31	ARTICLE INFORMATION				
BT-153	Item name	REMBOURSEMENT	COMPOSANT	FOURNITURES MOULE	SUPPORT TEL
BT-154	Description of the item	Description du remboursement	Description de l'article	Description du moule	Description de la prestation de support associée
BT-155	Item seller ID		ART_1254	ART_9874	
BT-156	Item buyer ID		REF5487	REF9854	
BT-157	Standard item identifier		598785412598745	598785414325437	

BT-157-1	Scheme ID		0160	0160	
BT-158	Article classification identifier		SKU2578		
BT-158-1	Scheme identifier		SK		
BT-158-2	Scheme version identifier				
BT-159	Country of origin of the article		FR		
BG-32	ARTICLE ATTRIBUTES				
BT-160	Article attribute name		CO2(g)	COULEUR	
BT-161	Item attribute value		12	BLANC	
BT-160	Item attribute name			CO2(g)	
BT-161	Item attribute value			30	

2.2 Examples of CDV messages in CDAR

2.2.1 Nominal case

The case presented is based on an invoice exchanged without rejection, refusal, or dispute.

The main data in the invoice is as follows:

Characteristic	Completion
Invoice file names (3 formats)	Invoice-X: UC1_F202500003_00-INV_20250701.pdf CII: UC1_F202500003_00-INV_20250701_CII.xml UBL: UC1_F202500003_00-INV_20250701_UBL.xml
Invoice ID	F202500003
Date	07/01/2025
Type	E-invoicing invoice (type code: 380)
Seller's name	LE VENDEUR
Legal ID of the Seller	100000009
Seller's electronic address (schemeId 0225)	100000009_STATUTS
Buyer's name	LE CLIENT
Buyer's legal ID	200000008
Buyer's electronic address (schemeId 0225)	200000008
Number of lines	2
VAT rate (%)	2
Unit price line 1 (€)	40
Unit for P.U. line 1	HOUR
Quantity line 1	2
Unit price line 2 (€)	4
Unit for P.U. line 2	DAY
Quantity line 2	5
Total line 1 without VAT (€)	8
Total without VAT line 2 (€)	2
Total document without VAT (€)	10,000
Total VAT (€)	2,000
Total document with VAT (€)	12,000

The life cycle sequence is as follows:

Step	DATE	Time	Event
UC1_00	07/01/2025	15:00	The SELLER sends its invoice to the Seller's AP-E.
UC1_01	07/01	15:	AP-E performs checks and sets status to Submitted
	07/01/2025	3:15	AP-E creates the "Submitted" CDV. Status available to THE SELLER. Transmission to the PPF within 24 hours.
	07/01	16	AP-E transmits the invoice (flow 2) to AP-R
UC1_02	0	16:10	AP-R performs checks and sets status to Received
	01	16:	AP-R creates CDV Received for the SELLER and sends it to AP-E. Status made available to the BUYER.
	01	16	AP-R sends the invoice to the BUYER or notifies them that it is available.
UC1_03	0	16:	AP-R sets MAD (Made Available) status for the BUYER
	07/01/2025	16	AP-R creates MAD CDV for the SELLER and sends it to AP-E. Status made available to the BUYER.
	07/01	16	AP-E makes MAD status available to the SELLER.
UC1_04	0	18	The BUYER sets a PEC (Acceptance) status.
	07/01/2025	18:	AP-R (or BUYER) sets the PEC status and sends it to the SELLER via their AP-E
	07/01	18	AP-E makes the PEC status available to the SELLER.
UC1_05	02	10	The BUYER sets the status to "Approved."
	07/02	10:05	AP-R (or BUYER) sets the status to Approved and sends it to VE via its AP-E
	07/02	10:10	AP-E assigns the status Approved to the SELLER
UC1_06	07/30/2025	10:00	BUYER sets status Payment sent
	30	10:05	AP-R (or BUYER) sets the status to Payment transmitted and sends it to VE via its AP-E.
	07/30	10:10	AP-E makes the Payment transmitted status available to the SELLER.
UC1_07	02	10:00	SELLER sets status to "Received"
	08/02/2025	10:05	AP-E (or VE) sets the status to "Received" and sends it to the BUYER via their AP-R Transmission to the PPF.
	08/02	10:10	AP-R makes the "Received" status available to the BUYER.

The files for the different life cycle statuses are as follows (and contain comments to identify the MDT-XXX data codes):

Status	XML file name
Submitted	UC1_F202500003_01-CDV-200_Deposee UC1_F202500003_01-CDV-200_Deposee_POUR_PPF
Received	UC1_F202500003_02-CDV-202_Recue
Made available	UC1_F202500003_03-CDV-203_Mise_a_disposition
Taken	UC1_F202500003_04-CDV-204_Prise_en_charge
Approved	UC1_F202500003_05-CDV-205_Approuvee
Payment sent	UC1_F202500003_06-CDV-211_Paiement_transmis 12,000 € on 07/30/2025
Payment Received	UC1_F202500003_07-CDV-212_Encaissee UC1_F202500003_07-CDV-212_Encaissee_POUR_PPF

2.2.2 Case of an incorrect invoice to illustrate a dispute status

For invoices UC4_F202500006_00-INV_20250701 and UC5_F202500007_00-INV_20250702, which are similar, the dispute statuses illustrate how to indicate a dispute, with a REASON (in MDT-113 as a code and MDT-114 as text, here Incorrect VAT rate), then how to indicate an expected action (corrected invoice or credit note) in MDT-121 and MDT-122, and finally how to indicate invalid data and the data that is expected instead:

- UC4_F202500006_04-CDV-207_En_litige.xml
- UC5_F202500007_04-CDV-207_En_litige.xml