

OFFICE EUROPEEN DE LUTTE ANTI-FRAUDE

ANTI-FRAUD INFORMATION SYSTEM (AFIS)

# AFIS CIS+ Business Data model

# for Cash declaration

*Specifications*

# DOCUMENT HISTORY

| Ver. | Release Date | Description | Author (Function, Party) |
|---|---|---|---|
| **0.9** | 12/05/2020 | Initial version | Henri-Philippe Delbrouck (D4) |
| **0.95** | 24/06/2020 | First version in draft state | Henri-Philippe Delbrouck (D4) |
| **0.96** | 08/09/2020 | Minor updates | Henri-Philippe Delbrouck (D4) |
| **0.97** | 01/10/2020 | Remove business rule for person under 18 years | Henri-Philippe Delbrouck (C3) |
| **0.98** | 11/12/2020 | Correct data type for fields | Henri-Philippe Delbrouck (C3) |
| **0.99** | 08/01/2021 | Add list of fields used per type of declaration | Henri-Philippe Delbrouck (C3) |
| **1.0** | 01/04/2021 | Update length of Email address | Henri-Philippe Delbrouck (C3) |
| **1.0.1** | 28/04/2021 | Correction of error in Email address length | Henri-Philippe Delbrouck (C3) |
| **1.2** | 30/08/2021 | Specify that fields Other allow any special characters | Henri-Philippe Delbrouck (C3) |
| **1.3** | 17/11/2021 | Update length of field EORI number | Henri-Philippe Delbrouck (C3) |
| **1.4** | 01/04/2022 | Describe business rule for intended use and provenance | Henri-Philippe Delbrouck (C3) |
| **1.5** | 22/11/2022 | Make concealment type and modus operandi multi select values fields | Henri-Philippe Delbrouck (C3) |

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# Introduction

This document describes the business data model of a CIS cash declarations to be handled in compliance with EU 2018/1672. The fields are the ones available on the UI level when creating a new cash declaration.

Technical details about the domain model used and the existing technical interface (XML, REST) are available in document “Technical Interface Specification”.

The list of fields (data elements) is fully described with information on each field.

# Business Data model and fields

NB: Code lists with "*" contain always a value "Other (Specify)". When this value is selected, a mandatory free text field (100 chars) shall be specified. This free text field allow any special character.

All Code lists are defined in a separate Excel document.

**Fields marked with (p) and highlighted in red are considered to contain personal data.**

**Fields marked with (search) are searchable fields.**

The value in field "Other" when the selected entry in a code list is "Other (Specify)" is not considered to contain personal data unless the code list itself is considered to be personal data.

When a group of fields may be repeated more than one time or is optional, the cardinality is specified in parenthesis e.g. Documents(0..n) means that the group of fields contained in a document is optional (cardinality = 0) or may be repeated more times (cardinality = n).

Example of used data types (and related length):

Freetext (100): Alphanumeric characters with the maximum length of 100 characters.

Float (14-2): Floating point decimal value of max 14 digits + 2 digits for decimals.

Integer (14): Integer value of maximum 14 digits.

Date: Date value in the format DD/MM/YYYY.

Boolean: Boolean value True/False or Yes/No.

Code list: Value taken from an existing predefined list of codes and associated descriptions.

# Cash declaration fields

## 1. Cash declaration reference

| Fields | Type | Length | Mandatory | Business rule |
|---|---|---|---|---|
| Declaration-id(search) | Read-only | 25 | N/A | Automatically generated by the system. The declaration-id is the business identification of the cash declaration. It is built using:<br>▪ the fixed string "DEC"<br>▪ the country code of the case owner<br>▪ a sequence number (YYYYMMDD-hhmmssnnn) Example: DEC-BE-20181012-102532154 |
| Declaration owner(search) | Read-only | 25 | N/A | User's organisation short name (Automatically generated by the system e.g. BE_CUSTOMS) |
| Declaration type | Code list | | Y | Cash declaration or cash disclosure declaration |
| National reference(p)(search) | Freetext | 100 | Y | Must be unique per Member State. This national reference will allow MS to retrieve their declarations. The declaration-id generated by the system can also be used. Two declaration with same National reference are considered as duplicate. |

## 2. Persons

| Persons (1..n) | | | | |
|---|---|---|---|---|
| **Fields** | **Type** | **Length** | **Mandatory** | **Business rule** |
| Role | Multi-select Code list<br>*personInvolvement* | | Y | One or more roles can be assigned to one person e.g. carrier and owner.<br>The following values are supported:<br>Carrier, owner, recipient |
| First name(p)(search) | Freetext | 100 | Y | |
| Last name(p)(search) | Freetext | 100 | Y | |
| Gender | Code list<br>*gender* | | Y | |
| Nationality(search) | Code list<br>*country* | | Y | |
| Date of birth(p) | Date | | C | Mandatory for carrier.<br>Cannot be in the future |
| Place of birth | Freetext | 100 | Y | |
| *Address* | | | | |
| Street and number(p) | Freetext | 255 | - | |
| Postal code(p) | Freetext | 50 | - | |
| City(p)(search) | Freetext | 50 | Y | |
| Country(search) | Code list<br>*country* | | Y | |
| Phone(p) | Freetext | 50 | - | |
| Email(p) | Freetext | 254 | - | |

Identification documents (1..n)

| Fields | Type | Length | Mandatory | Business rule |
|---|---|---|---|---|
| Document type | Code list<br>*identificationDocumentType* | | Y | |
| Document number(p)(search) | Freetext | 50 | Y | |
| Date of issue(p) | Date | | - | Cannot be in the future |
| Country(p) | Code list<br>*country* | | - | |
| | | | | |

Part of cash (0..1)

This section is dedicated to specify the part of the cash related to the owner/recipient person when there are more than one owner/recipient in the declaration/disclosure.

| Fields | Type | Length | Mandatory | Business rule |
|---|---|---|---|---|
| Intended use)(search) | Multi-select Code list<br>*cashUse** | | - | |
| Provenance)(search) | Multi-select Code list<br>*cashProvenance** | | - | |
| Converted total amount (EUR) | Float | 16-2 | - | Automatically computed = sum of("Total amount (Euro)") |
| **Type of cash (1..n)** | | | | |
| Type of cash | Tree list<br>*typeOfCash* | | Y | |
| Amount | Float | 14-2 | Y | |
| Currency | Code list<br>*currency* | | Y | |
| Amount Euro | Float | 14-2 | Y | |
| Quantity | Integer | 14 | C | Displayed and mandatory only for type of cash = commodity… |
| Total weight (grams) | Float | 14-2 | C | Displayed and mandatory only for type of cash = commodity… |

## 3. Companies

| Companies (0..n) | | | | |
|---|---|---|---|---|
| **Fields** | **Type** | **Length** | **Mandatory** | **Business rule** |
| Role | Multi-select Code list<br>companyInvolvement | | Y | One or more role can be assigned. |
| Name(p)(search) | Freetext | 255 | Y | |
| VAT Number | Freetext | 15 | - | Alphanumeric only |
| EORI Number) | Freetext | 17 | - | Alphanumeric only |
| Registration Number)(search) | Freetext | 50 | Y | |
| Name of register(search) | Freetext | 100 | Y | |
| Registration Country | Code list<br>*country* | | Y | |
| *Address* | | | | |
| Street and number(p) | Freetext | 255 | - | |
| Postal code(p) | Freetext | 50 | - | |
| City(p) )(search) | Freetext | 50 | Y | |
| Country(search) | Code list<br>*country* | | Y | |
| Phone(p) | Freetext | 50 | - | |
| Email(p) | Freetext | 254 | - | |

<table>
<tr><td>Part of cash (0..1)</td><td>This section is dedicated to specify the part of the cash related to the owner/recipient company when there are more than one owner/recipient in the cash declaration/disclosure.<br><br>
<table>
<tr><th>Fields</th><th>Type</th><th>Length</th><th>Mandatory</th><th>Business rule</th></tr>
<tr><td>Intended use)(search)</td><td>Multi-select Code list<br><br>cashUse*</td><td></td><td>C</td><td>There should be at least one intended use specified in the declaration either in total declared cash or in partial cash.</td></tr>
<tr><td>Provenance)(search)</td><td>Multi-select Code list<br><br>cashProvenance*</td><td></td><td>C</td><td>There should be at least one provenance specified in the declaration either in total declared cash or in partial cash.</td></tr>
<tr><td>Converted total amount (EUR)</td><td>Float</td><td>16-2</td><td>-</td><td>Automatically computed = sum of(“Total amount Euro”)</td></tr>
<tr><td>Type of cash (1..n)</td><td></td><td></td><td></td><td></td></tr>
<tr><td>Type of cash</td><td>Tree list<br><br>typeOfCash*</td><td></td><td>Y</td><td></td></tr>
<tr><td>Amount</td><td>Float</td><td>14-2</td><td>Y</td><td></td></tr>
<tr><td>Currency</td><td>Code list<br>currency</td><td></td><td>Y</td><td></td></tr>
<tr><td>Amount Euro</td><td>Float</td><td>14-2</td><td>Y</td><td></td></tr>
<tr><td>Quantity</td><td>Integer</td><td></td><td>C</td><td>Displayed and mandatory only for type of cash = commodity…</td></tr>
<tr><td>Total weight (grams)</td><td>Float</td><td>14-2</td><td>C</td><td>Displayed and mandatory only for type of cash = commodity…</td></tr>
</table>
</td></tr>
</table>

## 4. Total declared cash

| Field | Type | Length | Mandatory | Business rule |
|---|---|---|---|---|
| Intended use)(search) | Multi-select Code list<br><br>*cashUse** | | C | There should be at least one intended use specified in the declaration either in total declared cash or in partial cash. |

| | | | | |
|---|---|---|---|---|
| Provenance)(search) | Multi-select Code list<br>*cashProvenance** | | C | There should be at least one provenance specified in the declaration either in total declared cash or in partial cash. |
| Total amount (EUR) | Float | 16-2 | - | Automatically computed = sum of("Amount Euro") |
| Type of cash (1..n) | | | | |
| Type of cash | Tree list<br>*typeOfCash** | | Y | |
| Amount | Float | 14-2 | Y | |
| Currency | Code list<br>*currency* | | Y | |
| Amount Euro | Float | 14-2 | Y | |
| Quantity | Integer | | Y | Displayed and mandatory only for type of cash type = commodity… |
| Total weight (grams) | Float- | 14-2 | Y | Displayed and mandatory only for type of cash type = commodity… |

## 5. Means of transport

| Means of transport | | | | |
|---|---|---|---|---|
| Means of transport(search) | Code list<br><br>*cashMeansOfTransport** | | Y | |
| ***Means of transport = "Sea/River"*** | | Values for Means of transport:<br><br>Sea/River, Road, Rail, Air, Express courier, Post, Other | | |
| Vessel name - transport company(p) | Freetext | 100 | Y | |
| Vessel type | Code list<br><br>*cashVesselType* | | Y | |
| ***Means of transport = "Road Transport"*** | | | | |
| Type | Code list<br><br>*cashVehicleRegistrationType* | | Y | |
| Country of registration | Code list<br><br>*country* | | Y | |
| License plate(p) | Freetext | 50 | Y | |
| ***Means of transport = "Rail"*** | | | | |
| Train number | Freetext | 50 | Y | |
| Company | Freetext | 50 | Y | |
| ***Means of transport = "Air"*** | | | | |
| Type | Code list<br><br>*cashAirPassengerType* | | Y | |
| Flight number | Freetext | 50 | C | At least one of Flight number or Registration number is mandatory. |
| Registration number | Freetext | 50 | C | At least one of Flight number or Registration number is mandatory. |
| ***Means of transport = "Other (Specify)"*** | | | | |
| Type | Freetext | 100 | Y | |

## 6. Routing

| Routing (1..n) | | | | |
|---|---|---|---|---|
| Step(search) | Code list<br>*routingStep* | | Y | Possible values: departure, arrival, transit, land border crossing.<br>Only one departure and one arrival. |
| Date | Date | | Y | |
| Country(search) | Code list<br>*country* | | Y | |
| Place | Code list<br>*unLocation** | | Y | Possible values: UN location code, Unknown, other (specify) |

## 7. Declaration endorsement

| | | | | |
|---|---|---|---|---|
| Declaration date(search) | Code list<br>*routingStep* | | Y | Cannot be in the future |
| Declaration place | Freetext | 50 | Y | |
| Customs declaration | Boolean | | Y | |
| Customs declaration number | Freetext | 50 | - | |
| Customs office reference)(search) | Freetext | 8 | Y | Allowed pattern: XXaaaaaa where XX is the country code of the Member state and aaaaaa is a 6 alphanumeric string e.g. BE10A100 |
| Endorsed copy requested | Boolean | | Y | |

## 8. Infraction

| Infraction (0..1) | | | | |
|---|---|---|---|---|
| Control date | Date | | Y | Cannot be in the future |
| Incorrect/incomplete declaration(search) | Boolean | | Y | |
| Non declaration(search) | Boolean | | Y | |
| Cash made not available(search) | Boolean | | Y | |
| Cash below threshold(search) | Boolean | | Y | |
| Criminal activity(search) | Boolean | | Y | |
| Criminal activity affecting EU financial interests(search) | Boolean | | Y | |
| Penalty proceeding started | Boolean | | Y | |
| Detention(search) | Boolean | | Y | |
| Remedy)(search) | Boolean | | Y | |
| Concealment type(search) | Multi-select Code list<br><br>cashConcealmentType* | | Y | |
| Concealment details | Freetext | 255 | | |
| Modus operandi(search) | Multi-select Code list<br><br>*modusOperandi** | | Y | |
| Modus operandi details | Freetext | 255 | | |
| Information transmitted to third country | Boolean | | Y | |

# Cash disclosure declaration fields

## 1. Cash declaration reference

| Fields | Type | Length | Mandatory | Business rule |
|---|---|---|---|---|
| Declaration-id(search) | Read-only | 25 | N/A | Automatically generated by the system. The declaration-id is the business identification of the cash declaration. It is built using:<br>▪ the fixed string "DEC"<br>▪ the country code of the case owner<br>▪ a sequence number (YYYYMMDD-hhmmssnnn) Example: DEC-BE-20181012-102532154 |
| Declaration owner(search) | Read-only | 25 | N/A | User's organisation short name (Automatically generated by the system e.g. BE_CUSTOMS) |
| National reference(p)(search) | Freetext | 100 | Y | Must be unique per Member State. This national reference will allow MS to retrieve their declarations. The declaration-id generated by the system can also be used. Two declaration with same National reference are considered as duplicate. |

## 2. Persons

| Persons (1..n) | | | | |
|---|---|---|---|---|
| **Fields** | **Type** | **Length** | **Mandatory** | **Business rule** |
| Role | Multi-select Code list<br>*personInvolvement* | | Y | One or more roles can be assigned to one person.<br>The following values are supported:<br>declarant, owner, recipient , sender representative, recipient representative |
| First name(p)(search) | Freetext | 100 | Y | |
| Last name(p)(search) | Freetext | 100 | Y | |
| Gender | Code list<br>*gender* | | Y | |
| Nationality)(search) | Code list<br>*country* | | Y | |
| Date of birth(p) | Date | | C | Mandatory for declarant. |
| Place of birth | Freetext | 100 | Y | |
| *Address* | | | | |
| Street and number(p) | Freetext | 255 | - | |
| Postal code(p) | Freetext | 50 | - | |
| City(p)(search) | Freetext | 50 | Y | |
| Country(search) | Code list<br>*country* | | Y | |
| Phone(p) | Freetext | 50 | - | |
| Email(p) | Freetext | 100 | - | |

| | |
|---|---|
| Identification documents (1..n) | |

| Fields | Type | Length | Mandatory | Business rule |
|---|---|---|---|---|
| Document type | Code list<br>*identificationDocumentType* | | Y | |
| Document number(p)(search) | Freetext | 50 | Y | |
| Date of issue(p) | Date | | - | |
| Country(p) | Code list<br>*country* | | - | |
| | | | | |

Part of cash (0..1)

This section is dedicated to specify the part of the cash related to the owner/recipient person when there are more than one owner/recipient in the declaration/disclosure.

| Fields | Type | Length | Mandatory | Business rule |
|---|---|---|---|---|
| Intended use)(search) | Multi-select Code list<br>*cashUse** | | - | |
| Provenance)(search) | Multi-select Code list<br>*cashProvenance** | | - | |
| Total amount (EUR) | Float | 16-2 | - | Automatically computed = sum of("Amount (Euro)") |
| **Type of cash (1..n)** | | | | |
| Type of cash | Tree list<br>*typeOfCash* | | Y | |
| Amount | Float | 14-2 | Y | |
| Currency | Code list<br>*currency* | | Y | |
| Amount Euro | Float | 14-2 | Y | |
| Quantity | Integer | 14 | C | Displayed and mandatory only for type of cash = commodity… |
| Total weight (grams) | Float | 14-2 | C | Displayed and mandatory only for type of cash = commodity… |

## 3. Companies

| **Companies (0..n)** | | | | |
|---|---|---|---|---|
| **Fields** | **Type** | **Length** | **Mandatory** | **Business rule** |
| Role | Multi-select Code list<br><br>companyInvolvement | | Y | One or more role can be assigned: sender, owner, recipient |
| Name(p)(search) | Freetext | 255 | Y | |
| VAT Number | Freetext | 15 | - | |
| EORI Number | Freetext | 15 | - | |
| Registration Number | Freetext | 50 | Y | |
| Name of register(search) | Freetext | 50 | Y | |
| Registration Country | Code list<br><br>*country* | | Y | |
| *Address* | | | | |
| Street and number(p) | Freetext | 255 | - | |
| Postal code(p) | Freetext | 50 | - | |
| City(p) )(search) | Freetext | 50 | Y | |
| Country(search) | Code list<br><br>*country* | | Y | |
| Phone(p) | Freetext | 50 | - | |
| Email(p) | Freetext | 100 | - | |

<table>
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<tr><td>Provenance)(search)</td><td>Multi-select Code list<br><br>cashProvenance*</td><td></td><td>-</td><td>There should be at least one provenance specified in the declaration either in total declared cash or in partial cash.</td></tr>
<tr><td>Total amount (EUR)</td><td>Float</td><td>16-2</td><td>-</td><td>Automatically computed = sum of(“Total amount Euro”)</td></tr>
<tr><td>Type of cash (1..n)</td><td></td><td></td><td></td><td></td></tr>
<tr><td>Type of cash</td><td>Tree list<br><br>typeOfCash*</td><td></td><td>Y</td><td></td></tr>
<tr><td>Amount</td><td>Float</td><td>14-2</td><td>Y</td><td></td></tr>
<tr><td>Currency</td><td>Code list<br>currency</td><td></td><td>Y</td><td></td></tr>
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<tr><td>Quantity</td><td>Integer</td><td></td><td>C</td><td>Displayed and mandatory only for type of cash = commodity…</td></tr>
<tr><td>Total weight (grams)</td><td>Float</td><td>14-2</td><td>C</td><td>Displayed and mandatory only for type of cash = commodity…</td></tr>
</table>
</td></tr>
</table>

## 4. Total declared cash

| Field | Type | Length | Mandatory | Business rule |
|---|---|---|---|---|
| Intended use | Multi-select Code list<br><br>*cashUse** | | - | There should be at least one intended use specified in the declaration either in total declared cash or in partial cash. |

| | | | | |
|---|---|---|---|---|
| Provenance | Multi-select Code list<br>*cashProvenance** | | - | There should be at least one provenance specified in the declaration either in total declared cash or in partial cash. |
| Total amount (EUR) | Float | 16-2 | - | Automatically computed = sum of("Amount Euro") |
| Type of cash (1..n) | | | | |
| Type of cash | Tree list<br>*typeOfCash** | | Y | |
| Amount | Float | 14-2 | Y | |
| Currency | Code list<br>*currency* | | Y | |
| Amount Euro | Float | 14-2 | Y | |
| Quantity | Integer | | Y | Displayed and mandatory only for type of cash type = commodity… |
| Total weight (grams) | Float- | 14-2 | Y | Displayed and mandatory only for type of cash type = commodity… |

## 5. Means of transport

| **Means of transport** | | | | |
|---|---|---|---|---|
| Cargo transport(search) | Code list<br><br>*cashMeansOfTransport** | | Y | Values for Means of transport:<br><br>Sea/River, Road, Rail, Air, Express courier, Post, Other |
| ***Means of transport = "Courier/Post"*** | | | | |
| Type | Code list | | Y | Express courier or Post |
| ***Means of transport = "Other (Specify)"*** | | | | |
| Type | Freetext | 100 | Y | |

## 6. Routing

| Routing (1..n) | | | | |
|---|---|---|---|---|
| Step(search) | Code list<br>*routingStep* | | Y | Possible values: Departure, destination |
| Country(search) | Code list<br>*country* | | Y | |

## 7. Declaration endorsement

| | | | | |
|---|---|---|---|---|
| Declaration date(search) | Code list<br>*routingStep* | | Y | |
| Declaration place | Freetext | 50 | Y | |
| Customs declaration | Boolean | | Y | |
| Customs declaration number | Freetext | 50 | - | |
| Customs office reference(search) | Freetext | 8 | Y | Allowed pattern: XXnnnnnn where XX is the country code of the Member state and nnnnnn is a 6 digits number e.g. BE100100 |
| Endorsed copy requested | Boolean | | Y | |

## 8. Infraction

| Infraction (0..1) | | | | |
|---|---|---|---|---|
| Control date | Date | | Y | |
| Incorrect/incomplete declaration(search) | Boolean | | Y | |
| Non declaration(search) | Boolean | | Y | |
| Cash made not available(search) | Boolean | | Y | |
| Cash below threshold(search) | Boolean | | Y | |
| Criminal activity(search) | Boolean | | Y | |
| Criminal activity affecting EU financial interests(search) | Boolean | | Y | |
| Penalty proceeding started | Boolean | | Y | |
| Detention(search) | Boolean | | Y | |
| Remedy)(search) | Boolean | | Y | |
| Concealment type(search) | Multi-select Code list<br><br>cashConcealmentType* | | Y | |
| Concealment details | Freetext | 255 | | |
| Modus operandi(search) | Multi-select Code list<br><br>*modusOperandi** | | Y | |
| Modus operandi details | Freetext | 255 | | |
| Information transmitted to third country | Boolean | | Y | |