Dentsu Aegis Network

DATA DICTIONARY FOR ECONOMIC OPERATORS v1.0

This document details the Data Dictionary for EU Secondary Repository and Router.

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1 Introduction

This document defines a data dictionary for Dentsu Tracking System. It will include information about data base entities and flows, authentication, operational and transactional methods, security edge case, router definition, error messages, registration process and an overall connection diagram.

2 Data description

2.1 Data types

There are some types used along the document, which need to be defined.

Data Type	Description	Type	Example or regular expression
ARC	Administrative Reference Code (ARC) or any successive code adopted under the Excise Movement and Control System (EMCS)	Text(30)	15GB0123456789ABCDEF0'
aUI	Aggregated level unique identifier coded with: either The invariant set of ISO646:1991 and composed of four blocks: (a) ID issuer's prefix in accordance with ISO15459-2:2015, (b) serialization element in the format established by the ID issuer, (c) tobacco facility identifier code following the Data Type: FID and (d) timestamp following the Data Type: Time(s) or The invariant set of ISO646:1991 forming a code structured in accordance with ISO15459-1:2014 or ISO15459-4:2014 (or their latest equivalent))	Text(100)	
Boolean	Boolean value	Boolean	• 0 (false/disabled) • 1 (true/enabled)
Component	A data type defined in the data dictionary		Aggregation
Country	Country name coded with ISO-3166-1:2013 alpha-2 (or its latest equivalent)	Text(2)	'DE'
Currency	Currency name coded with ISO 4217:2015 (or its latest equivalent)	Text(3)	'EUR'
Date	A UTC data in text corresponding to the following format: YYYY-MM-DD	Text(10)	E.g. '2017-03-31'
Decimal	Number values, decimal allowed	Decimal	E.g. '1' or '22.2' or '333.33'
Email	Maximum 80 characters	Text(80)	^['_a-z0-9-]+(\.['_a-z0-9]+)*@[a-z0-9]+(\.[a-z0-9]+)*\.(([a-z]{2,3}))$
EOID	Economic operator identifier code corresponding to the format established by ID	Text(50)	

	issuer coded with the invariant set of ISO646:1991 EDOI starts with the alphanumeric characters that constitute the ID issuer identification code, followed by alphanumeric sequence which is unique within the code pool of the ID issuer.		
FID	Tobacco facility identifier code corresponding to the format established by ID issuer coded with the invariant set of ISO646:1991	Text(50)	
Integer	Rounded number values, no decimal numbers	Integer	E.g. '1' or '22' or '333'
IIID	ID Issuer code in line with the issuing agency codes of ISO/IEC 15459	Text(35)	E.g. 'FTR'
ITU	Individual transport unit code (e.g. SSCC) generated in accordance with ISO15459-1:2014 (or its latest equivalent)		'00791234560000000018'
List	Must be only one of the values present in the 'Values' column		
MID	Machine identifier code corresponding to the format established by ID Issuer coded with the invariant set of ISO646:1991	Text(50)	
MRN	Movement Reference Number (MRN) is a unique customs registration number. It contains 18 digits and is composed of the following elements: (a) last two digits of the year of formal acceptance of export movement (YY), (b) country name coded with ISO3166-1:2013 alpha-2 (or its latest equivalent) of the Member State to which the declaration was sent, (c) unique identifier for entry/import per year and country, and (d) check digit.	Text(18)	'19IT9876AB88901235'
PN	Product number – numeric identifier used in the EUCEG system to identify product presentations (e.g. GTIN (Global Trade Identification Number) of the product)	Long	'00012345600012'
SEED	Excise number composed of: (a) country name coded with ISO-3166-1:2013 alpha-2 (or its latest equivalent) (e.g. 'LU') and (b) eleven alphanumeric characters, if needed, padded to the left with zeroes (e.g. '00000987ABC').	Text(13)	LU00000987ABC'

Serial	Number corresponding with the invariant set of ISO646:1991 used for serialisation		
SSCC	SSCC-18 container code generated in line with ISO6346:1995 (or its latest equivalent)	Text(20)	00791234560000000018
Text (X)	Alphanumeric values coded with ISO8859-15:1999 limited to X characters		E.g. 'Abcd' or '123455588845'
Time(s)	UTC (Coordinated Universal Time) time in the following format: YYMMDDhh	DateTime	'19071619'
TimeShift(s)	UTC (Coordinated Universal Time) time in the following format: YYMMDD, followed by two digits corresponding to the production shift	DateTime	'190716C4'
Time(L)	UTC (Coordinated Universal Time) time in the following format: YYYY-MM-DDThh:mm:ssZ	DateTime	E.g. '2020-03-31T23:16:45Z'
TPID	Tobacco Product Identifier (TP-ID) – numeric identifier used in the EU-CEG system in the format: NNNNN-NNNNNNN	Text(14)	02565-16-00230'
upUI(L)	Unit packet level unique identifier coded with the invariant set of ISO646:1991 and composed of three blocks: (a) ID Issuer's prefix in line with ISO154592:2015, (b) middle block in the format established by ID Issuer and (c) timestamp following the Data Type: Time(s) or TimeShift(s)		
upUI(s)	Unit packet level unique identifier coded with the invariant set of ISO646:1991 and composed of two blocks: (a) ID Issuer's prefix in line with ISO154592:2015 and (b) serialisation element in the format established by ID issuer (i.e. UI made visible in the human readable format on the unit packets)		

2.2   Priority types

Type	Explanation
Mandatory (M)	The variable must be completed.

Optional (O)	The variable is for optional fields which could be filled depending on the record status or type.

2.3 Cardinality types

Type	Explanation
Simple (S)	Single value
Multiple (M)	Multiple values

2.4 Registered entities

2.4.1 EconomicOperator

An Economic operator is the legal entity that owns / operates one or more facility types. This entity is populated by the ID Issuer solution when a valid request for registration/correction/de-registration of economic operator is successfully processed. A de-registration request implies a change on the register status, not a physical deletion of the information. Once the entity data is populated, the ID Issuer replicates this register to the Surveillance Data Storage, which will route it to the Primary Data Storage solutions that may require it to ensure referential integrity. It is recommended that only functional email addresses are used within the System.

Field	Description	Data Type	Mandatory	Comments
Id *(PK)*	Economic operator identifier code. This number shall be unique at EU level.	EOID	M	
Code	Confirmation code in response to the registration request. It is generated by the ID Issuer solution.	Text(20)	M	
CreatedOn	Timestamp when the registration has been accomplished	Time(L)	M	
LastUpdatedOn	Timestamp of the last change on the register	Time(L)		
RegisterStatus	Status of the registration	Integer	M	RegisterStatus Type

Issuer	Identification number of the ID Issuer solution that has processed the registration	IIID	M	
RegisteredName	Economic operator's registered name	Text(100)	M	
AlternativeName	Economic operator's alternative or abridged name	Text(100)		
Address	Economic operator's address – street name, house number, postal code, city	Text(300)	M	
Country	Economic operator's country of registration	Country	M	Country Type
Email	Economic operator's email address; used to inform about registration process, incl. subsequent changes and other required correspondence	Email	M	
HasVATNumber	Indication of the VAT registration status	Boolean	M	0 – No VAT registration 1 – VAT number exists
VATNumber	Economic operator's VAT number	Text(20)		M, if VAT_R = 1
TaxNumber	Economic operator's tax registration number	Text(20)		M, if VAT_R = 0
HasExciseNumber	Indication if the economic operator has an excise number issued by the competent authority for the purpose of identification of persons/premises	Boolean	M	0 – No SEED number
ExciseNumber	Economic operator's excise number issued by the competent authority for the purpose of identification of persons/premises	SEED		M, if EO_ExciseNumber1 = 1
IsOnBehalfOf	Indication if the registration is made on behalf of a retail outlet operator not involved otherwise in the tobacco trade	Boolean	M	
OnBehalfOf	Identifier of the economic operator that acts on behalf	EOID		M, if Reg_3RD = 1

	of a retail outlet operator not involved otherwise in the tobacco trade			

2.4.2   Facility

This entity represents any factory, distributor, wholesaler or retail outlet. in the supply chain. This entity is populated by the ID Issuer solution when a valid request for registration/correction/de-registration of facility is successfully processed. A deregistration request implies a change on the register status, not a physical deletion of the information. Once the entity data is populated, the ID Issuer replicates this register to the Surveillance Data Storage, which will route it to the Primary Data Storage solutions that may require it to ensure referential integrity.

Field	Description	Data Type	Mandatory	Comments
Id *(PK)*	Facility identifier code	FID	M	
EconomicOperatorId *(FK)*	The identification number of the economic operator that owns this facility	EOID	M	
Code	Confirmation code in response to the registration request. It is generated by the ID Issuer solution.	Text(20)	M	
CreatedOn	Timestamp when the registration has been accomplished	Time(L)	M	
LastUpdatedOn	Timestamp of the last change on the register	Time(L)		
RegisterStatus	Status of the registration	Integer	M	RegisterStatus Type
Issuer	Identification number of the ID Issuer solution that has processed the registration	IIID	M	
Issuer	Facility address – street name, house number, postal code and city	Text	M	
Country	Facility country	Country	M	Country Type
FacilityType	Type of facility	Integer	M	FacilityType Type
OtherType	Description of other facility type	Text		M, if F_Type = 4
HasTaxStatus	Indication if a part of the facility has a tax (excise) warehouse status	Boolean	M	0 – No 1 – Yes

HasExciseNumber	Indication if the facility has an excise number issued by the competent authority for the purpose of identification of persons/premises	Boolean	M		0 – No SEED number
ExciseNumber	Facility's excise number issued by the competent authority for the purpose of identification of persons/premises	SEED			M, if F_Excis eNumber1 = 1
IsOnBehalfOf	Indication if the registration is made on behalf of a retail outlet operator not involved otherwise in the tobacco trade	Boolean	M		0 – No 1 – Yes (possible only if F_Type = 3)
OnBehalfOf	Identifier of the economic operator that acts on behalf of the retail outlet operator not involved otherwise in the tobacco trade	EOID			M, if Reg_3RD = 1

2.4.3   ManufacturingMachine

Field	Description	Data Type	Mandatory	Comments
Id (PK)	The identification number of the manufacturing machine. This number is issued by the ID Issuer solution, which shall ensure that the combination of M_ID, F_ID and EO_ID is unique at EU level.	MID	M	
FacilityId	The identification number of the facility that owns this machine	FID	M	
Code	Confirmation code in response to the registration request. It is generated by the ID Issuer solution	Text(20)	M	
CreatedOn	Timestamp when the registration has been accomplished	Time(L)	M	
LastUpdatedOn	Timestamp of the last change on the register	Time(L)		
Status	Status of the registration	Integer	M	RegisterStatus Type

Issuer	Identification number of the ID Issuer solution that has processed the registration	IIID	M	
Producer	Machine producer	Text(20)	M	
Model	Machine model	Text(20)	M	
SerialNumber	Machine serial number	Text(20)	M	
Capacity	Maximum capacity over 24hour production cycle expressed in unit packets	Integer	M	

2.5 Master Data Types

2.5.1 Country

Value	Name
AT	Austria
BE	Belgium
BG	Bulgaria
HR	Croatia
CY	Cyprus
CZ	Czech Republic
DK	Denmark
EE	Estonia
FI	Finland
FR	France
DE	Germany
GR	Greece
HU	Hungary
IE	Ireland
IT	Italy
LV	Latvia
LT	Lithuania
LU	Luxembourg
MT	Malta
NL	Netherlands
PL	Poland
PT	Portugal
RO	Romania
SK	Slovakia
SI	Slovenia
ES	Spain
SE	Sweden
GB	United Kingdom

2.5.2 DeactivationReasonType

Value	Name
1	Product destroyed
2	Product stolen
3	UI destroyed
4	UI stolen
5	UI unused
6	Other

2.5.3 EventType

Value	Name
ISU	Request for unit level UIs
IRU	Request for unit level UIs
IRA	Request for reporting the issuance of serial numbers at aggregated level
IDA	Request for deactivation of UIs
EUA	Application of unit level UIs on unit packets
EPA	Application of aggregated level UIs on aggregated packaging
EDP	Dispatch Event
ERP	Reception event
ETL	Trans-loading event
EUD	Message to report an UID disaggregation
EVR	Report the delivery carried out with a vending van to retail outlet
EIV	Message to report an invoice
EPO	Purchase order
EPR	Payment record
RCL	Recall messages

2.5.4 FacilityType

Value	Name
1	Manufacturing site with warehouse
2	Standalone warehouse
3	First retail outlet
4	Other

2.5.5 InvoiceType

Value	Name
1	Original
2	Correction
3	Other

2.5.6 PaymentType

Value	Name
1	Bank transfer
2	Bank card
3	Cash
4	Other

2.5.7 RecallReasonType

Value	Name
1	Reported event did not materialise
2	Message contained erroneous information
3	Other

2.5.8 RegisterStatus

Value	Name
1	Registered
2	De-registered

2.5.9 TobaccoProductType

Value	Name
1	Cigarette
2	Cigar
3	Cigarillo
4	Roll your own tobacco
5	Pipe tobacco
6	Waterpipe tobacco
7	Oral tobacco
8	Nasal tobacco
9	Chewing tobacco
10	Novel tobacco product
11	Other

2.5.10 TransportMode

Value	Name
1	Road transport
2	Rail transport
3	Water transport
4	Air transport
5	Other

2.5.11 UniqueIdentifierType

Value	Name	Description
1	UnitPacket	Unique identifier at unit packet level
2	AggregatedPackaging	Unique identifier at aggregated packaging level

3 Messages

3.1 Message types to be exchanged

Described in the Regulation Annex II "Key messages to be sent by the economic operators"
5 categories of messages, related to:

- Identifier codes for economic operators, facilities and machines
- Unique identifiers for unit level UIs and aggregated level UIs
- Recording and transmission of information on product movements
- Transactional events
- Recalls

Message Type	Annex II Reference	Message description
REO	(1.1)	Registration of an Economic operator
REOD		Registration Data of an Economic operator
CEO	(1.2)	Correction for an economic operator identifier code
DEO	(1.3)	De-registration of economic operator identifier code
RFA	(1.4)	Request for a facility identifier code
RFAD		Data for a facility identifier code
CFA	(1.5)	Correction of information concerning the facility identifier code
DFA	(1.6)	De-registration of facility identifier code
RMA	(1.7)	Request for a machine identifier code
RMAD		Data for a machine identifier code
CMA	(1.8)	Correction of information concerning the machine identifier code
DMA	(1.9)	De-registration of machine identifier code
ISU	(2.1)	Request for unit level UIs
IRU	(2.1)	Request for unit level UIs
IRA	(2.2)	Request for reporting the issuance of serial numbers at aggregated level
IDA	(2.3)	Request for deactivation of UIs
EUA	(3.1)	Application of unit level UIs on unit packets
EPA	(3.2)	Application of aggregated level UIs on aggregated packaging
EDP	(3.3)	Dispatch Event
ERP	(3.4)	Reception event
ETL	(3.5)	Trans-loading event
EUD	(3.6)	Message to report an UI disaggregation
EVR	(3.7)	Report the delivery carried out with a vending van to retail outlet
EIV	(4.1)	Message to report an invoice
EPO	(4.2)	Purchase order
EPR	(4.3)	Payment record
RCL	(5.0)	Recall messages

3.2 Common schema elements

3.2.1 Basic information block concerning the request

Basic information block concerning the request - schema					
Field	Description	Data Type	Cardinality	Priority	Values
Message_Type	The identifier of the type of message	Text	S	M	See above types of messages list
RejectionData	The failure data recorded in the primary should the validation fail.	FalureData (See below table)	S	O	This should only be filled if the primary validation fails.

RejectionData - schema					
Field	Description	Data Type	Cardinality	Priority	Values
ResponseText	The response of the primary	Text	S	M	
Errors	List of the errors. Array containing Error_Code, Error_Descr, InternalId	Test	S	M	

If the secondary repository receives a message with this "RejectionData" non null, it will not process the message and will instead record / audit the failure. This for later analysis, used to find possible illicit trade.

3.2.2   Basic information block concerning the response

Basic information block concerning the response - schema					
Field	Description	Data Type	Cardinality	Priority	Values
Message_Type	The identifier of the type of message that the response refers to	Text	S	M	See above types of messages list
Error	Indicates the failure of the message reception	Boolean	S	M	0 – No 1- Yes
Errors	Array containing Error_Code, Error_Descr, InternalId	Text	S	M if Error = 1	System error catalogue at **Error! Reference source not found.**
Code	The internal code of acknowledgment of the message. Used for recall too.	Text	S	M if Error = 0	
Checksum	The calculated checksum of the data received	Text	S	M	

3.2.3   Common Error codes

HTTP status	Error Code	Error Description
401	SECURITY_INVALID_TOKEN	Invalid security token
401	SECURITY_EXPIRED_TOKEN	Expired security token
400	INVALID_REQUEST_FORMAT	This error is returned when at least one of the mandatory fields are missing.
400	INVALID_MESSAGE_TYPE	When the field "Message_Type" is out of the defined list.
400	INVALID_INPUT_FORMAT	When the body of the message doesn't contain a valid JSON.
500	SYSTEM_ERROR	Internal system error.

3.3   Identifier codes for economic operators, facilities and machines messages

3.3.1   REO - (1.1) Registration of an Economic operator

3.3.1.1 Description

Submit the information for the first registration of the economic operator. Please note that this message is the REO message that is sent to the id issuer, but with the id issuer EO_ID added.

3.3.1.2 Description of the fields

registration of economic operator – request					
Field	**Description**	**Data Type**	**Cardinality**	**Priority**	**Values**
BasicInfo_Req	Block of basic information elements	Component << Basic Information Request >>	S	M	Message_Type = REO
EO_ID	Economic operator's registered ID (Only addition in this REO2 message when compared to the REO.	EOID	S	M	
EO_Name1	Economic operator's registered name	Text	S	M	
EO_Name2	Economic operator's alternative or abridged name	Text	S	O	
EO_Address	Economic operator's address – street name, house number, postal code, city	Text	S	M	
EO_CountryR eg	Economic operator's country of registration	Country	S	M	See Country
EO_Email	Economic operator's email address; used to inform about registration process, incl. subsequent changes and other required correspondence	Text	S	M	
VAT_R	Indication of the VAT registration status	Boolean	S	M	0 – No VAT registration 1 – VAT number exists
VAT_N	Economic operator's VAT number	Text	S	M, if VAT_R = 1	
TAX_N	Economic operator's tax registration number	Text	S	M, if VAT_R = 0	
EO_ExciseNu mber1	Indication if the economic operator has an excise number issued by the competent authority for the purpose of identification of persons/premises	Boolean	S	M	0 – No SEED number 1 – SEED number exists
EO_ExciseNu mber2	Economic operator's excise number issued by the competent authority for the purpose of identification of persons/premises	SEED	S	M, if EO_Excis eNumber 1 = 1	
OtherEOID_R	Indication if the economic operator has been allocated an identifier by another ID Issuer	Boolean	S	M	0 – No 1 – Yes

OtherEOID_N	Economic operator identifier codes allocated by other ID Issuers	EOID	M	M, if OtherEOID_R = 1	
Reg_3RD	Indication if the registration is made on behalf of a retail outlet operator not otherwise involved in the tobacco trade	Boolean	S	M	**0** – No **1** – Yes
Reg_EOID	Identifier of the economic operator that acts on behalf of a retail outlet operator not otherwise involved in the tobacco trade	EOID	S	M, if Reg_3RD = 1	
EO_OtherID	Optional identifier	Text(50)	S	O	

3.3.1.3 Response:

Field	Description	Data Type	Cardinality	Priority	Values
BasicInfo_Resp	Block of basic information elements	Component << Basic Information Response >>	S	M	Message_Type = REOD

3.3.1.4 Request sample

```
{
  "EO_ID": "QCUKR+1AB020054",
  "EO_CODE": "AEFZ7",
  "EO_Name1": "Example Legal Entity",
  "EO_Name2": "",
  "EO_Address": "59 Legal Street",
  "EO_CountryReg": "DE" ,
  "EO_Email": "email@test.com",
  "VAT_R": true,
  "VAT_N": "VATNumber 1",
  "TAX_N": "Tax",
  "EO_ExciseNumber1":true,
  "EO_ExciseNumber2": "LA111FD",
  "OtherEOID_R": true,
  "OtherEOID_N": [ "" ],
  "Reg_3RD": false,
  "Reg_EOID": "",
  "EO_OtherID ": "GLNSAMPLE",
  "Message_Type": "REO",
  "Code": "873345b2-882f-4064-91f0-90669b46c30a"
}
```

3.3.1.5 Successful response sample

HTTP Status 202

```
{
    "Code": "873345b2-882f-4064-91f0-90669b46c30a",
    "Message_Type": "REOD",
    "Error": false,
    "Errors": null,
    "Checksum": "DFG65H"
}
```

3.3.1.6 Error response sample
Processing errors

HTTP status		
<< Common response code >>		
400	ALREADY_EXISTS	Indicated that the CRUD action in add a new entity failed, as the item already exist. This is when checking of the item id already exists.

3.3.2 REOD - Data Registration of an Economic operator

3.3.2.1 Description
Submit the information for the first registration of the economic operator. Please note that this message is the REO message that is sent to the id issuer, but with the id issuer EO_ID added.

3.3.2.2 Description of the fields

registration of economic operator – request					
Field	**Description**	**Data Type**	**Cardinality**	**Priority**	**Values**
BasicInfo_Req	Block of basic information elements	Component << Basic Information Request >>	S	M	Message_Type = REOD
EO_ID	Economic operator's registered ID (Only addition in this REO2 message when compared to the REO.	EOID	S	M	
EO_Name1	Economic operator's registered name	Text	S	M	
EO_Name2	Economic operator's alternative or abridged name	Text	S	O	
EO_Address	Economic operator's address – street name, house number, postal code, city	Text	S	M	
EO_CountryR eg	Economic operator's country of registration	Country	S	M	See Country
EO_Email	Economic operator's email address; used to inform about registration process, incl. subsequent changes and other required correspondence	Text	S	M	
VAT_R	Indication of the VAT registration status	Boolean	S	M	2 – No VAT registration 3 – VAT number exists
VAT_N	Economic operator's VAT number	Text	S	M, if VAT_R = 1	

TAX_N	Economic operator's tax registration number	Text	S	M, if VAT_R = 0	
EO_ExciseNumber1	Indication if the economic operator has an excise number issued by the competent authority for the purpose of identification of persons/premises	Boolean	S	M	2 – No SEED number 3 – SEED number exists
EO_ExciseNumber2	Economic operator's excise number issued by the competent authority for the purpose of identification of persons/premises	SEED	S	M, if EO_ExciseNumber 1 = 1	
OtherEOID_R	Indication if the economic operator has been allocated an identifier by another ID Issuer	Boolean	S	M	2 – No 3 – Yes
OtherEOID_N	Economic operator identifier codes allocated by other ID Issuers	EOID	M	M, if OtherEOID_R = 1	
Reg_3RD	Indication if the registration is made on behalf of a retail outlet operator not otherwise involved in the tobacco trade	Boolean	S	M	2 – No 3 – Yes
Reg_EOID	Identifier of the economic operator that acts on behalf of a retail outlet operator not otherwise involved in the tobacco trade	EOID	S	M, if Reg_3RD = 1	
EO_CODE	Economic operator's confirmation code provided in response to the registration of economic operator	Text	S	M	

3.3.2.3 Response:

Field	Description	Data Type	Cardinality	Priority	Values
BasicInfo_Resp	Block of basic information elements	Component << Basic Information Response >>	S	M	Message_Type = REOD

3.3.2.4 Request sample

```json
{
  "EO_ID": "QCUKR+1AB020054",
  "EO_CODE": "123",
  "EO_Name1": "registerationname",
  "EO_Name2": "",
  "EO_Address": "address 1",
  "EO_CountryReg": 27,
  "EO_Email": "email@test.com",
  "VAT_R": true,
  "VAT_N": "VATNumber 1",
  "TAX_N": "Tax",
  "EO_ExciseNumber1":true,
  "EO_ExciseNumber2": "LA111FD",
  "OtherEOID_R": true,
  "OtherEOID_N": [ "" ],
  "Reg_3RD": false,
  "Reg_EOID": "",
  "Message_Type": "REOD",
  "Code": "873345b2-882f-4064-91f0-90669b46c30a"
}
```

3.3.2.5 Successful response sample

HTTP Status 202

```json
{
    "Code": " 6854f9a6-a2b2-4c08-8000-0173f3c35567",
    "Message_Type": "REOD",
    "Error": false,
    "Errors": null,
    "Checksum": "G6HF5H"
}
```

3.3.2.6 Error response sample
Processing errors

HTTP status		
<< Common response code >>		

3.3.3 CEO – (1.2) Correction for an economic operator identifier code

3.3.3.1 Description

Submit the information of an economic operator known to the repository in order to update 1 or more properties. This information in entirety will over write the previous data held regarding the master data of this economic operator. Links (for example dispatches) to / from this EO_ID will be maintained.

3.3.3.2 Description of the fields

Field	Description	Data Type	Cardinality	Priority	Values
BasicInfo_Req	Block of basic information elements	Component << Basic Information Request >>	S	M	Message_Type = CEO
EO_ID	Economic operator identifier code	EOID	S	M	
EO_CODE	Economic operator's confirmation code provided in response to the registration of economic operator	Text	S	M	
EO_Name1	Economic operator's registered name	Text	S	M	
EO_Name2	Economic operator's alternative or abridged name	Text	S	O	
EO_Address	Economic operator's address – street name, postal code and city	Text	S	M	
EO_CountryR eg	Economic operator's country of registration	Country	S	M	See Country
EO_Email	Economic operator's email address – used to inform about registration process, incl. subsequent changes	Text	S	M	
VAT_R	Indication of the VAT registration status	Boolean	S	M	0 – No VAT registration 1 – VAT number exists
VAT_N	Economic operator's VAT number	Text	S	M, if VAT_R = 1	
TAX_N	Economic operator's tax registration number	Text	S	M, if VAT_R = 0	
EO_ExciseNu mber1	Indication if the economic operator has an excise number issued by the competent authority for the purpose of identification of persons/premises	Boolean	S	M	0 – No SEED number 1 – SEED number exists
EO_ExciseNu mber2	Economic operator's excise number issued by the competent authority for the purpose of identification of persons/premises	SEED	S	M, if EO_Excis eNumber 1 = 1	

OtherEOID_R	Indication if the economic operator has been allocated an identifier by another ID Issuer	Boolean	S	M	0 – No 1 – Yes
OtherEOID_N	Economic operator identifier codes allocated by other ID Issuers	EOID	M	M, if OtherEOID_R = 1	
Reg_3RD	Indication if the registration is made on behalf of a retail outlet operator not otherwise involved in the tobacco trade	Boolean	S	M	**0** – No **1** – Yes
Reg_EOID	Identifier of the economic operator that acts on behalf of a retail outlet operator not otherwise involved in the tobacco trade	EOID	S	M, if Reg_3RD = 1	

3.3.3.3 Response:

correction of information concerning the economic operator – response					
Field	**Description**	**Data Type**	**Cardinality**	**Priority**	**Values**
BasicInfo_Resp	Block of basic information elements	Component << Basic Information Response >>	S	M	Message_Type = CEO

3.3.3.4 Request sample

```
{
  "Message_Type": "CEO",
  "Code": "873345b2-882f-4064-91f0-90669b46c30a",
  "EO_ID": "QCUKR+1AB020054",
  "EO_CODE": "FGT6H",
  "EO_Name1": "registerationname",
  "EO_Name2": "",
  "EO_Address": "address 1",
  "EO_CountryReg": 27,
  "EO_Email": "email@test.com",
  "VAT_R": true,
  "VAT_N": "VATNumber 1",
  "TAX_N": "Tax",
  "EO_ExciseNumber1": true,
  "EO_ExciseNumber2": "LA111FD",
  "OtherEOID_R": true,
  "OtherEOID_N": [ "" ],
  "Reg_3RD": false,
  "Reg_EOID": ""
}
```

3.3.3.5 Successful response sample

HTTP Status 202

```
{
    "Code": "873345b2-882f-4064-91f0-90669b46c30a",
    "Message_Type": "CEO",
    "Error": false,
    "Errors": null,
    "Checksum": "G6HF5H"
}
```

3.3.3.6 Error response sample
Processing errors

HTTP status		
<< Common response code >>		

3.3.4 DEO – (1.3) De-registration of economic operator identifier code.

3.3.4.1 Description
De-registers a previously known operator identifier for a given EO_ID

3.3.4.2 Description of the fields

De-registration of economic operator – request					
Field	**Description**	**Data Type**	**Cardinality**	**Priority**	**Values**
BasicInfo_Req	Block of basic information elements	Component << Basic Information Request >>	S	M	Message_Type = DEO
EO_ID	Economic operator identifier code	EOID	S	M	
EO_CODE	Economic operator's confirmation code provided in response to the registration of economic operator	Text	S	M	
Reg_3RD	Indication if the registration is made on behalf of a retail outlet operator not otherwise involved in the tobacco trade	Boolean	S	M	0 – No 1 – Yes
Reg_EOID	Identifier of the economic operator that acts on behalf of a retail outlet operator not otherwise involved in the tobacco trade	EOID	S	M, if Reg_3RD = 1	

3.3.4.3 Response:

correction of information concerning the economic operator − response					
Field	**Description**	**Data Type**	**Cardinality**	**Priority**	**Values**
BasicInfo_Resp	Block of basic information elements	Component << Basic Information Response >>	S	M	Message_Type = DEO

3.3.4.4 Request sample

```
{
    "EO_ID": "QCUKR+1AB020054",
    "EO_CODE": "EO1_CODE",
    "Reg_3RD": false,
    "Reg_EOID": "Machine Id A",
    "Code": "873345b2-882f-4064-91f0-90669b46c30a",
    "Message_Type": "DEO",
    }
}
```

3.3.4.5 Successful response sample

HTTP Status 202

```
{
    "Code": "873345b2-882f-4064-91f0-90669b46c30a",
    "Message_Type": "DEO",
    "Error": false,
    "Errors": null,
    "Checksum": "G6HF5H"
}
```

3.3.4.6 Error response sample
Processing errors

HTTP status	
<< Common response code >>	

3.3.5 RFAD – (1.4) Request for a facility identifier code

3.3.5.1 Description

Add a previously unsent / registered facility. Defined as unseen by the existence of the facility id in the repository.

3.3.5.2 Description of the fields

Request:

Registration of facility – request					
Field	**Description**	**Data Type**	**Cardinality**	**Priority**	**Values**
BasicInfo_Req	Block of basic information elements	Component << Basic Information Request >>	S	M	Message_Type = RFAD
EO_ID	Economic operator identifier code	EOID	S	M	
F_ID	Facility code from the RFA code issuer call	FID	S	M	
EO_CODE	Economic operator's confirmation code provided in response to the registration of economic operator	Text	S	M	
F_Address	Facility's address – street name, house number, postal code and city	Text	S	M	
F_Country	Facility's country	Country	S	M	See Country
F_Type	Type of facility	Integer	S	M	See FacilityType
F_Type_Other	Description of other facility type	Text	S	M, if F_Type = 4	
F_Status	Indication if a part of the facility has a bonded warehouse status	Boolean	S	M	0 – No 1 – Yes
F_ExciseNumber1	Indication if the facility has an excise number issued by the competent authority for the purpose of identification of persons/premises	Boolean	S	M	0 – No SEED number 1 – SEED number exists
F_ExciseNumber2	Facility's excise number issued by the competent authority for the purpose of identification of persons/premises	SEED	S	M, if F_ExciseNumber1 = 1	
OtherFID_R	Indication if the facility has been allocated an identifier by another ID Issuer	Boolean	S	M	0 – No 1 – Yes (possible only for non-EU facilities)
OtherFID_N	Facility identifier codes allocated by other ID Issuers	FID	M	M, if OtherFID	

					_R = 1	
Reg_3RD	Indication if the registration is made on behalf of a retail outlet operator not otherwise involved in the tobacco trade	Boolean	S	M	0 – No 1 – Yes (possible only if F_Type = 3)
Reg_EOID	Identifier of the economic operator that acts on behalf of a retail outlet operator not otherwise involved in the tobacco trade	EOID	S	M, if Reg_3RD = 1	

3.3.5.3 Response

registration of facility – response					
Field	**Description**	**Data Type**	**Cardinality**	**Priority**	**Values**
BasicInfo_Resp	Block of basic information elements	Component << Basic Information Response >>	S	M	Message_Type = RFAD
F_ID	Facility's identifier registered	FID	S	M if Error = 0	

3.3.5.4 Request sample

```
{
"EO_ID":"QCUKR+1AB020054",
"EO_CODE":"EO1_CODE",
"F_ID":"QCUKR<1AB020054000048",
"F_Address":"Machine Id A",
"F_Country":2,
"F_Type":"RFA2",
"F_Type_Other":null,
"F_Status": false,
"F_ExciseNumber1": false,
"F_ExciseNumber2": null,
"OtherFID_R": false,
"OtherFID_N": [],
"Reg_3RD": false,
"Reg_EOID": null,
"Code": "873345b2-882f-4064-91f0-90669b46c30a",
"Message_Type":20
}
```

3.3.5.5 Successful response sample

HTTP Status 202

```
{
    "Code": "873345b2-882f-4064-91f0-90669b46c30a",
    "Message_Type": "RFAD",
    "Error": false,
    "Errors": null,
    "Checksum": "G6HF5H"
}
```

3.3.5.6 Error response sample
Processing errors

HTTP status		
<< Common response code >>		

3.3.6 CFA – (1.5) Correction of information concerning the facility identifier code
3.3.6.1 Description
Submit the information of a facility known to the repository in order to update one or more properties. This information in entirety will over write the previous data held regarding the master data of this facility. Links (for example dispatches) to / from this F_ID will be maintained.

3.3.6.2 Description of the fields

correction of information concerning the facility – request					
Field	**Description**	**Data Type**	**Cardinality**	**Priority**	**Values**
BasicInfo_Req	Block of basic information elements	Component << Basic Information Request >>	S	M	Message_Type = CFA
EO_ID	Economic operator identifier code	EOID	S	M	
EO_CODE	Economic operator's confirmation code provided in response to the registration of economic operator	Text	S	M	
F_ID	Facility identifier code	FID	S	M	
F_Address	Facility's address – street name, postal code and city	Text	S	M	
F_Country	Facility's country	Country	S	M	See Country
F_Type	Type of facility	Integer	S	M	See FacilityType
F_Type_Other	Description of other facility type	Text	S	M, if F_Type = 4	

F_Status	Indication if a part of the facility has a bonded warehouse status	Boolean	S	M	0 – No 1 – Yes
F_ExciseNumber1	Indication if the facility has an excise number issued by the competent authority for the purpose of identification of persons/premises	Boolean	S	M	0 – No SEED number 1 – SEED number exists
F_ExciseNumber2	Facility's excise number issued by the competent authority for the purpose of identification of persons/premises	SEED	S	M, if F_Excise Number1 = 1	
OtherFID_R	Indication if the facility has been allocated an identifier by another ID Issuer	Boolean	S	M	0 – No 1 – Yes (possible only for non-EU facilities)
OtherFID_N	Facility identifier codes allocated by other ID Issuers	FID	M	M, if OtherFID_R = 1	
Reg_3RD	Indication if the registration is made on behalf of a retail outlet operator not otherwise involved in the tobacco trade	Boolean	S	M	0 – No 1 – Yes (possible only if F_Type = 3)
Reg_EOID	Identifier of the economic operator that acts on behalf of a retail outlet operator not otherwise involved in the tobacco trade	EOID	S	M, if Reg_3RD = 1	

3.3.6.3 Response

correction of information concerning the facility – response					
Field	**Description**	**Data Type**	**Cardinality**	**Priority**	**Values**
BasicInfo_Resp	Block of basic information elements	Component << Basic Information Response >>	S	M	Message_Type = CFA

3.3.6.4 Request sample

```
{
"EO_ID":"QCUKR+1AB020054",
"EO_CODE":"EO1_CODE",
"F_Address":"Address A",
"F_Country":2,
"F_Type":"CFA",
"F_Type_Other":null,
"F_Status": false,
"F_ExciseNumber1": false,
"F_ExciseNumber2": null,
"OtherFID_R": false,
"OtherFID_N": [],
"Reg_3RD": false,
"Reg_EOID": null,
"Code": "873345b2-882f-4064-91f0-90669b46c30a",
"Message_Type":21
}
```

3.3.6.5 Successful response sample

HTTP Status 202

```
{
    "Code": "873345b2-882f-4064-91f0-90669b46c30a",
    "Message_Type": "CFA",
    "Error": false,
    "Errors": null,
    "Checksum": "G6HF5H"
}
```

3.3.6.6 Error response sample
Processing errors

HTTP status		
<< Common response code >>		

3.3.7 DFA – (1.6) De-registration of facility identifier code

3.3.7.1 Description

De-registers a previously known facility for a given F_ID

3.3.7.2 Description of the fields

de-registration of facility – request					
Field	**Description**	**Data Type**	**Cardinality**	**Priority**	**Values**
BasicInfo_Req	Block of basic information elements	Component << Basic Information Request >>	S	M	Message_Type = DFA
EO_ID	Economic operator identifier code	EOID	S	M	
EO_CODE	Economic operator's confirmation code provided in response to the registration of economic operator	Text	S	M	
F_ID	Facility identifier code	FID	S	M	
Reg_3RD	Indication if the deregistration is made on behalf of a retail outlet operator not otherwise involved in the tobacco trade	Boolean	S	M	0 – No 1 – Yes
Reg_EOID	Identifier of the economic operator that acts on behalf of a retail outlet operator not otherwise involved in the tobacco trade	EOID	S	M, if Reg_3RD = 1	

3.3.7.3 Response:

de-registration of facility – response					
Field	**Description**	**Data Type**	**Cardinality**	**Priority**	**Values**
BasicInfo_Resp	Block of basic information elements	Component << Basic Information Response >>	S	M	Message_Type = DFA

3.3.7.4 Request sample

```
{
"EO_ID":"QCUKR+1AB020054",
"EO_CODE": "DFA",
"F_ID":"QCUKR<1AB020054000048",
"Reg_3RD": false,
"Reg_EOID": null,
"Code": "873345b2-882f-4064-91f0-90669b46c30a",
"Message_Type": "DFA"
}
```

3.3.7.5 Successful response sample

HTTP Status 202

```
{
    "Code": "873345b2-882f-4064-91f0-90669b46c30a",
    "Message_Type": "DFA",
    "Error": false,
    "Errors": null,
    "Checksum": "G6HF5H"
}
```

3.3.7.6 Error response sample

Processing errors

HTTP status		
<< Common response code >>		

3.4 Unique identifiers Messages

3.4.1 ISA – (2.2) Request for aggregated level UIs

3.4.1.1 Description
Request for reporting the issuance of serial numbers at aggregated level

3.4.1.2 Description of the fields

Field	Description	Data Type	Cardinality	Priority	Values
request for reporting the issuance of serial numbers at aggregated level – request					
BasicInfo_Req	Block of basic information elements	Component << Basic Information Request >>	S	M	Message_Type = ISA
EO_ID	Economic operator identifier code of the submitting entity	EOID	S	M	
F_ID	Facility identifier code	FID	S	M	
Req_Quantity	Requested quantity of aggregated level UIs	Integer	S	M	

3.4.1.3 Response:

Field	Description	Data Type	Cardinality	Priority	Values
request for reporting the issuance of serial numbers at aggregated level – response					
BasicInfo_Resp	Block of basic information elements	Component << Basic Information Response >>	S	M	Message_Type = IRA

3.4.1.4 Request sample

```
{
  "EO_ID": "QCUKR+1AB020054",
  "F_ID": "QCUKR<1AB020054000049",
  "Req_Quantity": 2,
  "aUI": ["QCBDRa20wBnq5V300003172440841dTQM90",
"QCBDRa20wBnq5V300003172440841dTQM91" ],
  "Message_Type": "IRA",
  "Code": "873345b2-882f-4064-91f0-90669b46c30a",
}
```

3.4.1.5 Successful response sample

HTTP Status 202

```
{
    "Code": "873345b2-882f-4064-91f0-90669b46c30a",
    "Message_Type": "IRA",
    "Error": false,
    "Errors": null,
```

```
    "Checksum": "G6HF5H"
}
```

3.4.1.6 Error response sample
Processing errors

HTTP status		
<< Common response code >>		

3.4.2 IRA – Request for reporting the issuance of serial numbers at aggregated level

3.4.2.1 Description
Request for reporting the issuance of serial numbers at aggregated level

3.4.2.2 Description of the fields

request for reporting the issuance of serial numbers at aggregated level – request					
Field	**Description**	**Data Type**	**Cardinality**	**Priority**	**Values**
BasicInfo_Req	Block of basic information elements	Component << Basic Information Request >>	S	M	Message_Type = IRA
EO_ID	Economic operator identifier code of the submitting entity	EOID	S	M	
F_ID	Facility identifier code	FID	S	M	
Req_Quantity	Requested quantity of aggregated level UIs	Integer	S	M	
aUI	List of aggregated level UIs	aUI	M	M	

3.4.2.3 Response:

request for reporting the issuance of serial numbers at aggregated level – response					
Field	Description	Data Type	Cardinality	Priority	Values
BasicInfo_Resp	Block of basic information elements	Component << Basic Information Response >>	S	M	Message_Type = IRA

3.4.2.4 Request sample

```
{
  "EO_ID": "QCUKR+1AB020054",
  "F_ID": "QCUKR<1AB020054000049",
  "Req_Quantity": 2,
  "aUI": ["QCBDRa20wBnq5V300003172440841dTQM90",
"QCBDRa20wBnq5V300003172440841dTQM91" ],
  "Message_Type": "IRA",
  "Code": "873345b2-882f-4064-91f0-90669b46c30a",
}
```

3.4.2.5 Successful response sample

HTTP Status 202

```
{
    "Code": "873345b2-882f-4064-91f0-90669b46c30a",
    "Message_Type": "IRA",
    "Error": false,
    "Errors": null,
    "Checksum": "G6HF5H"
}
```

3.4.2.6 Error response sample
Processing errors

HTTP status		
<< Common response code >>		

3.4.3 IDA – (2.3) Request for deactivation of UIs

3.4.3.1 Description
Changes the status of the UIs list in the request to "dis-activated"

3.4.3.2 Description of the fields

request for the deactivation of UIs – request					
Field	Description	Data Type	Cardinality	Priority	Values
BasicInfo_Req	Block of basic information elements	Component << Basic Information Request >>	S	M	Message_Type = IDA
EO_ID	Economic operator identifier code of the submitting entity	EOID	S	M	
Deact_Type	Deactivation of unit packet or aggregated level UIs	Integer	S	M	1 – Unit pack level UIs 2 – Aggregated level UIs
Deact_Reason1	Identification of the reason for deactivation	Integer	S	M	See DeactivationReason Type

request for the deactivation of UIs – request					
Field	Description	Data Type	Cardinality	Priority	Values
Deact_Reason2	Description of other reason	Text	S	M, if Deact_Reason1 = 6 (other reason)	
Deact_Reason3	Additional description of the reason	Text	S	O	
Deact_upUI	List of unit packet level UIs to be deactivated	upUI(s)	M	M, if Deact_Type = 1	
Deact_aUI	List of aggregated level UIs to be deactivated	aUI	M	M, if Deact_Type = 2	

3.4.3.3   Response:

request for the deactivation of UIs – response					
Field	Description	Data Type	Cardinality	Priority	Values
BasicInfo_Resp	Block of basic information elements	Component << Basic Information Response >>	S	M	Message_Type = IDA

3.4.3.4 Request sample

```
{
  "EO_ID": "QCUKR+1AB020054",
  "Deact_Type": 1,
  "Deact_Reason1": 1,
  "Deact_Reason2": "reason one",
  "Deact_Reason3": "reason two",
  "Deact_upUI": [ "752a77aed2a34c47bc926a40bd2e6ef3" ],
  "Deact_apUI": [ "752a77aed2a34c47bc926a40bd2e6ef3" ],
  "Message_Type": "IDA",
  "Code": "873345b2-882f-4064-91f0-90669b46c30a",
}
```

3.4.3.5 Successful response sample

HTTP Status 202

```
{
  "Code": "873345b2-882f-4064-91f0-90669b46c30a",
  "Message_Type": "IDA",
  "Error": false,
  "Errors": null,
  "Checksum": "G6HF5H"
}
```

3.4.3.6 Error response sample

Processing errors

HTTP status		
<< Common response code >>		

3.4.4 EUA – (3.1) Application of unit level UIs on unit packets

3.4.4.1 Description

Event notification when the code is applied / printed on a pack.

3.4.4.2 Description of the fields

upUI application event					
Field	Description	Data Type	Cardinality	Priority	Values
BasicInfo_Req	Block of basic information elements	Component << Basic Information Request >>	S	M	Message_Type = EUA
EO_ID	Economic operator identifier code of the submitting entity	EOID	S	M	
F_ID	Facility identifier code	FID	S	M	
upUI_1	List of unit packet level UIs to be recorded (full length)	upUI(L)	M	M	
upUI_2	List of corresponding unit packet level UIs to be recorded (as visible in human readable format) indicated in the same order as upUI_1	upUI(s)	M	M	
upUI_comment	Comments by the reporting entity	Text	S	O	

3.4.4.3 Response:

upUI application event – response					
Field	Description	Data Type	Cardinality	Priority	Values
BasicInfo_Resp	Block of basic information elements	Component << Basic Information Response >>	S	M	Message_Type = EUA

3.4.4.4 Request sample

```
{
  "EO_ID": "QCUKR+1AB020054",
  "F_ID": "QCUKR<1AB020054000049",
  "Event_Time": "2018-08-23T07:32:20.7878086+00:00",
  "upUI_1": [
    "5cd2729e-6acc-4479-b67e-a26a84a6e88b19071619",
    "752a77aed2a34c47bc926a40bd2e6ef319071619"
  ],
  "upUI_2": [
    "5cd2729e-6acc-4479-b67e-a26a84a6e88b",
    "752a77aed2a34c47bc926a40bd2e6ef3"
  ],
  "upUI_comment": "Comments",
  "Message_Type": "EUA",
  "Code": "873345b2-882f-4064-91f0-90669b46c30a",
}
```

3.4.4.5 Successful response sample

HTTP Status 202

```
{
   "Code": "873345b2-882f-4064-91f0-90669b46c30a",
   "Message_Type": "EUA",
   "Error": false,
   "Errors": null,
   "Checksum": "G6HF5H"
}
```

3.4.4.6 Error response sample

Processing errors

HTTP status		
<< Common response code >>		

3.4.5 EPA – (3.2) Application of aggregated level UIs on aggregated packaging

3.4.5.1 Description

Event notification when the code is applied / printed on an aggregation container. This also records the items that are aggregated into this container.

3.4.5.2 Description of the fields

Application of aggregated level UIs on aggregated packaging - request					
Field	Description	Data Type	Cardinality	Priority	Values
BasicInfo_Req	Block of basic information elements	Component << Basic Information Request >>	S	M	Message_Type = EPA
EO_ID	Economic operator identifier code of the submitting entity	EOID	S	M	
F_ID	Facility identifier code	FID	S	M	
Event_Time	Time of event occurrence	Timestamp(L)	S	M	
aUI	Aggregated level UI	aUI	S	M	
Aggregation_Type	Identification of aggregation type	Integer	S	M	1 – aggregation of only unit packet level UIs 2 – aggregation of only aggregated level UIs 3 – aggregation of both unit packet and aggregated level UIs
Aggregated_UIs 1	List of unit packet level UIs subject to aggregation	upUI(L)	M	M, if Aggregation_Type = 1 or 3	
Aggregated_UIs 2	List of aggregated level UIs subject to further aggregation	aUI	M	M, if Aggregation_Type = 2 or 3	
aUI_comment	Comments by the reporting entity	Text	S	O	

3.4.5.3 Response:

Application of aggregated level UIs on aggregated packaging – response					
Field	Description	Data Type	Cardinality	Priority	Values
BasicInfo_Resp	Block of basic information elements	Component << Basic Information Response >>	S	M	Message_Type = EPA

3.4.5.4 Request sample

```
{
  "EO_ID": "QCUKR+1AB020054",
  "F_ID": "QCUKR<1AB020054000049",
  "Event_Time": "2018-08-23T07:32:20.7878086+00:00",
  "Aggregation_Type": "1",
  "aUI" : "QCBDRa20wBnq5V300003172440841dTQM90",
  "Aggregated_UIs1": ["DCBDRa20wBnq5V300003172440841dTQM9019071619",
"ACBDRa20wBnq5V300003172440841dTQM9019071619",
"BCBDRa20wBnq5V300003172440841dTQM9019071619",
"CCBDRa20wBnq5V300003172440841dTQM9019071619"],
  "Aggregated_UIs2": ["QCBDRa20wBnq5V300003172440841dTQM90",
"QCBDRa20wBnq5V300003172440841dTQM90", "QCBDRa20wBnq5V300003172440841dTQM90",
"QCBDRa20wBnq5V300003172440841dTQM90" ],
  "DeactivationType": "1A",
  "DeactivationReason": "1A",
  "DeactivationReasonOther": "1A",
  "DeactivationReasonDescription": "1A",
  "upUI_comment": "Comments",
  "Message_Type": "EPA",
  "Code": "873345b2-882f-4064-91f0-90669b46c30a",
}
```

3.4.5.5 Successful response sample

HTTP Status 202

```
{
    "Code": "873345b2-882f-4064-91f0-90669b46c30a",
    "Message_Type": "EPA",
    "Error": false,
    "Errors": null,
    "Checksum": "G6HF5H"
}
```

3.4.5.6 Error response sample
Processing errors

HTTP status		
<< Common response code >>		

3.4.6 EDP – (3.3) Dispatch of tobacco products from a facility

3.4.6.1 Description

Record that the UIs listed in the call have been dispatched from the economic identifier.

3.4.6.2 Description of the fields

Dispatch of tobacco products from a facility event					
Field	**Description**	**Data Type**	**Cardinality**	**Priority**	**Values**
BasicInfo_Req	Block of basic information elements	Component << Basic Information Request >>	S	M	Message_Type = EDP
EO_ID	Economic operator identifier code of the submitting entity	EOID	S	M	
Recording_Time	Recording time for this message	Timestamp(L)	S	M	
F_ID	Dispatch facility identifier code	FID	S	M	
To_Retail_Outlet	Indication if the destination is a retail outlet	Boolean	S	M	0 – No 1 – Yes
Destination_ID1	Indication if the destination facility is located on the EU territory and if it is a vending machine (VM)	Integer	S	M	1 – Non EU dest. 2 – EU destination other than VM 3 – EU VM(s)
Destination_ID2	Destination facility identifier code	FID	S	M, if Destination_ID1 = 2	
Destination_ID3	Destination facility identifier code(s) – possible multiple vending machines	FID	M	M, if Destination_ID1 = 3	
Destination_ID4	Destination id facility codes	FID	M	M, if Destination_ID1 = 4	
Destination_ID5	Destination facility's full address: street, house number, postal code, city	Text	S	M, if Destination_ID1 = 1	
Transport_mode	Mode of transport by which the product leaves the facility, see: Commission Regulation (EC) No 684/2009, Annex II, Code List 7	Integer	S	M	See TransportMode in section **Error! Reference source not found.**
Transport_vehicle	Identification of the mode of transport (i.e. number plates, train number, plane/flight number, ship name or other identification)	Text	S	M	'n/a' is permitted value if Transport_mode = 0 and product movement takes place between adjacent facilities and is delivered manually
Transport_cont1	Indication if the transport is containerised and uses an individual transport unit code (e.g. SSCC)	Boolean	S	M	0 – No 1 – Yes
Transport_cont2	Individual transport unit code of the container	ITU	S	M, if Transport_cont1 = 1	
Transport_s1	Indication if the dispatch takes place with the logistic/postal operator who operates its own track and trace system accepted by the Member State of the dispatch facility. Only for small quantities of tobacco products (net weight of the products dispatched below 10 kg) destined for exports to third countries	Boolean	S	M	0 – No 1 – Yes

Dispatch of tobacco products from a facility event					
Field	Description	Data Type	Cardinality	Priority	Values
Transport_s2	The logistic operator's tracking number	Text	S	M, if Transport_s1 = 1	
EMCS	Dispatch under the Excise Movement and Control System (EMCS)	Boolean	S	M	0 – No 1 – Yes
EMCS_ARC	Administrative Reference Code (ARC)	ARC	S	M, if EMCS = 1	
SAAD	Dispatch with a simplified accompanying document, see: Commission Regulation (EEC) No 3649/92	Boolean	S	M	0 – No 1 – Yes
SAAD_number	Reference number of the declaration and/or authorization which has to be given by the competent authority in the Member State of destination before the movement starts	Text	S	M, if SAAD = 1	
Exp_Declaration	Indication if the Movement Reference Number (MRN) has been issued by the customs office	Boolean	S	M	0 – No 1 – Yes
Exp_DeclarationNumber	Movement Reference Number (MRN)	MRN	S	M, if Exp_Declaration = 1	
UI_Type	Identification of UI types in the dispatch (recorded at the highest level of available aggregation)	Integer	S	M	1 – only unit packet level UIs 2 – only aggregated level UIs 3 – both unit packet and aggregated level UIs
upUIs	List of unit packet level UIs subject to the dispatch	upUI(L)	M	M, if UI_Type = 1 or 3	
aUIs	List of aggregated level UIs subject to the dispatch	aUI	M	M, if UI_Type = 2 or 3	
Dispatch_comment	Comments by the reporting entity	Text	S	O	

3.4.6.3 Response:
Response:

Dispatch event – response					
Field	Description	Data Type	Cardinality	Priority	Values
BasicInfo_Resp	Block of basic information elements	Component << Basic Information Response >>	S	M	Message_Type = EDP

3.4.6.4 Request sample

```
{
  "EO_ID": "QCUKR+1AB020054",
  "F_ID": "QCUKR<1AB020054000049",
  "Event_Time": "2018-08-23T07:32:20.7878086+00:00",
  "Destination_ID1": "1",
  "Destination_ID2": "FacilityIdB",
  "Destination_ID3": [ " FacilityIdB ", " FacilityIdB " ],
  "Destination_ID4": [ " FacilityIdB" ],
  "Destination_ID5": "FacilityIdA",
  "Transport_vehicle": "1",
  "Transport_cont1": true,
  "Transport_cont2": "1",
  "Transport_s1": true,
  "Transport_s2": "1",
  "EMCS": false,
  "EMCS_ARC": null,
  "SAAD": true,
  "SAAD_number": 1,
  "Exp_Declaration": true,
  "Exp_DeclarationNumber": true,
  "UI_Type": 1,
  "upUIs": [ "5cd2729e6acc4479-b67e-a26a84a6e88b19071619",
"752a77aed2a34c47bc926a40bd2e6ef319071619" ],
  "aUIs": [ "5cd2729e6acc4479b67ea26a84a6e88b",
"752a77aed2a34c47bc926a40bd2e6ef3" ],
  "Dispatch_comment": "Comments",
  "Message_Type": "EDP",
  "Code": "873345b2-882f-4064-91f0-90669b46c30a",
}
```

3.4.6.5 Successful response sample

HTTP Status 202

```
{
    "Code": "873345b2-882f-4064-91f0-90669b46c30a",
    "Message_Type": "EDP",
    "Error": false,
    "Errors": null,
    "Checksum": "G6HF5H"
}
```

3.4.6.6 Error response sample
Processing errors

HTTP status		
<< Common response code >>		

3.4.7   ERP – (3.4) Arrival of tobacco products at a facility

3.4.7.1   Description

Record that the UIs listed in the call have been received to an economic identifier.

3.4.7.2   Description of the fields

Arrival of tobacco products at a facility					
Field	Description	Data Type	Cardinality	Priority	Values
BasicInfo_Req	Block of basic information elements	Component << Basic Information Request >>	S	M	Message_Type = ERP
EO_ID	Economic operator identifier code of the submitting entity	EOID	S	M	
F_ID	Arrival facility identifier code	FID	S	M	
Event_Time	Time of event occurrence	Timestamp(L)	S	M	
Product_Return	Indication if the arriving products are a return following complete or partial non-delivery	Boolean	S	M	0 – No 1 – Yes
UI_Type	Identification of UI types received (recorded at the highest level of available aggregation)	Integer	S	M	1 – only unit packet level UIs 2 – only aggregated level UIs 3 – both unit packet and aggregated level UIs
upUIs	List of unit packet level UIs received	upUI(L)	M	M, if UI_Type = 1 or 3	
aUIs	List of aggregated level UIs received	aUI	M	M, if UI_Type = 2 or 3	
Arrival_comment	Comments by the reporting entity	Text	S	O	

3.4.7.3   Response:

Arrival of tobacco products at a facility– response					
Field	Description	Data Type	Cardinality	Priority	Values
BasicInfo_Resp	Block of basic information elements	Component << Basic Information Response >>	S	M	Message_Type = ERP

3.4.7.4   Request sample

```
{
  "EO_ID": "QCUKR+1AB020054",
  "F_ID": "QCUKR<1AB020054000049",
  "Event_Time": "2018-08-23T07:32:20.7878086+00:00",
  "Product_Return": "true",
  "UI_Type": "1",
  "upUIs": [ "752a77aed2a34c47bc926a40bd2e6ef319071619",
"5cd2729e6acc4479b67ea26a84a6e88b19071619" ],
  "aUIs": [ "752a77aed2a34c47bc926a40bd2e6ef3", "5cd2729e6acc4479-
b67ea26a84a6e88b" ],
  "Arrival_comment": "Comments",
  "Message_Type": "ERP",
  "Code": "873345b2-882f-4064-91f0-90669b46c30a",

}
```

3.4.7.5 Successful response sample

HTTP Status 202

```
{
    "Code": "873345b2-882f-4064-91f0-90669b46c30a",
    "Message_Type": "ERP",
    "Error": false,
    "Errors": null,
    "Checksum": "G6HF5H"
}
```

3.4.7.6 Error response sample
Processing errors

HTTP status		
<< Common response code >>		

3.4.8 ETL – (3.5) Trans-loading

3.4.8.1 Description
Event to show that UIs have been moved from one transport mechanism to another.

3.4.8.2 Description of the fields

Trans-loading event					
Field	Description	Data Type	Cardinality	Priority	Values
BasicInfo_Req	Block of basic information elements	Component << Basic Information Request >>	S	M	Message_Type = ETL
EO_ID	Economic operator identifier code of the submitting entity	EOID	S	M	
Event_Time	Intended time of event occurrence	Time(s)	S	M	
Destination_ID1	Indication if the destination facility is located on the EU territory	Integer	S	M	0 – No 1 – Yes
Destination_ID2	Destination facility identifier code	FID	S	M, if Destinatio n_ID 1 = 1	
Destination_ID3	Destination facility's full address	Text	S	M, if Destinatio n_ID 1 = 0	
Transport_mod e	Mode of transport to which the product is trans-loaded, see: Commission Regulation (EC) No 684/2009, Annex II, Code List 7	Integer	S	M	See TransportMode
Transport_vehic le	Identification of the vehicle (i.e. number plates, train number, plane/flight number, ship name or other identification)	Text	S	M	
Transport_cont 1	Indication if the transport is containerised and uses an individual transport unit code (e.g. SSCC)	Boolean	S	M	0 – No 1 – Yes

Trans-loading event					
Field	Description	Data Type	Cardinality	Priority	Values
Transport_cont 2	Individual transport unit code of the container	ITU	S	M	
EMCS	Dispatch under the Excise Movement and Control System (EMCS)	Boolean	S	M	0 – No 1 – Yes
EMCS_ARC	Administrative Reference Code (ARC)	ARC	S	M, if EMCS = 1	
UI_Type	Identification of UI types subject to the trans-loading (recorded at the highest level of available aggregation)	Integer	S	M	1 – only unit packet level UIs 2 – only aggregated level UIs 3 – both unit packet and aggregated level UIs
upUIs	List of unit packet level UIs subject to the trans-loading	upUI(L)	M	M, if UI_Type = 1 or 3	
aUIs	List of aggregated level UIs subject to the trans-loading	aUI	M	M, if UI_Type = 2 or 3	
Transloading_c omment	Comments by the reporting entity	Text	S	O	

3.4.8.3 Response:

Trans-loading event – response					
Field	Description	Data Type	Cardinality	Priority	Values
BasicInfo_Resp	Block of basic information elements	Component << Basic Information Response >>	S	M	Message_Type = ETL

3.4.8.4 Request sample

```
{
  "EO_ID": "QCUKR+1AB020054",
  "Event_Time": "2018-08-23T07:32:20.7878086+00:00",
  "Destination_ID1": 1,
  "Destination_ID2": "FGHZ7G",
  "Destination_ID3": "",
  "Transport_mode": 1,
  "Transport_vehicle": 1,
  "Transport_cont1": 1,
  "Transport_cont2": "code",
  "EMCS": 1,
  "EMCS_ARC": "ref",
  "UI_Type": 1,
  "upUIs": [ "5cd2729e6acc4479-b67e-a26a84a6e88b19071619",
"652a77aed2a34c47bc926a40bd2e6ef319071619" ],
  "aUIs": [ "5cd2729e6acc4479b67ea26a84a6e88c",
"752a77aed2a34c47bc926a40bd2e6efh" ],
  "Transloading_comment": "Comments",
  "Message_Type": "ETL",
  "Code": "873345b2-882f-4064-91f0-90669b46c30a",

}
```

3.4.8.5 Successful response sample

HTTP Status 202

```
{
    "Code": "873345b2-882f-4064-91f0-90669b46c30a",
    "Message_Type": "ETL",
    "Error": false,
    "Errors": null,
    "Checksum": "G6HF5H"
}
```

3.4.8.6 Error response sample

Processing errors

HTTP status		
<< Common response code >>		
400	VALIDATION_FAILED	This error is returned when at least one of the mandatory fields are missing or another type of validation failed.

3.4.9 EUD – (3.6) Disaggregation of aggregated level UIs

3.4.9.1 Description

Event showing that an aggregation no longer exists. This means removing the child to parent aggregation.

3.4.9.2 Description of the fields

aUI disaggregation event					
Field	**Description**	**Data Type**	**Cardinality**	**Priority**	**Values**
BasicInfo_Req	Block of basic information elements	Component << Basic Information Request >>	S	M	Message_Type = EUD
EO_ID	Economic operator's identifier	EOID	S	M	
F_ID	Facility's identifier	FID	S	M	
Event_Time	Time of event occurrence	Time(s)	S	M	
aUI	Aggregated level UI subject to disaggregation	aUI	S	M	
disaUI_comment	Comments by the reporting entity	Text	S	O	

3.4.9.3 Response:

aUI disaggregation event– response					
Field	**Description**	**Data Type**	**Cardinality**	**Priority**	**Values**

BasicInfo_Resp	Block of basic information elements	Component << Basic Information Response >>	S	M	Message_Type = EUD

3.4.9.4 Request sample

```
{
  "EO_ID": "QCUKR+1AB020054",
  "F_ID": "QCUKR<1AB020054000049",
  "Event_Time": "2018-08-23T07:32:20.7878086+00:00",
  "aUI": "QCBDRa20wBnq5V300003172440841dTQM90",
  "disaUI_comment": "Comments",
  "Message_Type": "EUD",
  "Code": "873345b2-882f-4064-91f0-90669b46c30a",

}
```

3.4.9.5 Successful response sample

HTTP Status 202

```
{
  "Code": "873345b2-882f-4064-91f0-90669b46c30a",
  "Message_Type": "EUD",
  "Error": false,
  "Errors": null,
  "Checksum": "G6HF5H"
}
```

3.4.9.6 Error response sample
Processing errors

HTTP status		
400	INVALID_REQUEST_FORMAT	This error is returned when at least one of the mandatory fields are missing.
400	INVALID_MESSAGE_TYPE	When the field "Message_Type" is out of the defined list.
400	INVALID_INPUT_FORMAT	When the body of the message doesn't contain a valid JSON.
500	SYSTEM_ERROR	Internal system error.

3.4.10 EVR – (3.7) Report the delivery carried out with a vending van to retail outlet

3.4.10.1 Description

Event sent when UIs are to be or have been distributed via a van delivery.

3.4.10.2 Description of the fields

Vending Van event					
Field	**Description**	**Data Type**	**Cardinality**	**Priority**	**Values**
BasicInfo_Req	Block of basic information elements	Component << Basic Information Request >>	S	M	Message_Type = EVR
EO_ID	Economic operator identifier code of the submitting entity	EOID	S	M	
F_ID	Facility identifier code of retail outlet	FID	S	M	
Event_Time	Time of event occurrence	Time(s)	S	M	
UI_Type	Identification of UI types delivered (recorded at the highest level of available aggregation)	Integer	S	M	1 – only unit packet level UIs 2 – only aggregated level UIs 3 – both unit packet and aggregated level UIs
upUIs	List of unit packet level UIs delivered	upUI(L)	M	M, if UI_Type = 1 or 3	
aUIs	List of aggregated level UIs delivered	aUI	M	M, if UI_Type = 2 or 3	
Delivery_comment	Comments by the reporting entity	Text	S	O	

3.4.10.3 Response:

Vending Van event – response					
Field	**Description**	**Data Type**	**Cardinality**	**Priority**	**Values**
BasicInfo_Resp	Block of basic information elements	Component << Basic Information Response >>	S	M	Message_Type = EVR

3.4.10.4 Request sample

```
{
  "EO_ID": "QCUKR+1AB020054",
  "F_ID": "QCUKR<1AB020054000049",
  "Event_Time": "2018-08-23T07:32:20.7878086+00:00",
  "UI_Type": 1,
  "upUIs": [ "752a77aed2a34c47bc926a40bd2e6ef419071619",
"5cd2729e6acc4479b67ea26a84a6e88c19071619" ],
  "aUIs": [ "752a77aed2a34c47bc926a40bd2e6ef3", "8cd2729e-6acc-4479-b67e-
a26a84a6e88b" ],
  "Delivery_comment": "Comments",
  "Message_Type": 7,
  "Code": "873345b2-882f-4064-91f0-90669b46c30a",

}
```

3.4.10.5 Successful response sample

HTTP Status 202

```
{
   "Code": "873345b2-882f-4064-91f0-90669b46c30a",
   "Message_Type": "EVR",
   "Error": false,
   "Errors": null,
   "Checksum": "G6HF5H"
}
```

3.4.10.6 Error response sample
Processing errors

HTTP status		
<< Common response code >>		

3.5 Transactional events

3.5.1 EIV – (4.1) Issuing of the invoice

3.5.1.1 Description.
Added invoice details to a UI.

3.5.1.2 Description of the fields

Invoice reporting					
Field	Description	Data Type	Cardinality	Priority	Values
BasicInfo_Req	Block of basic information elements	Component << Basic Information Request >>	S	M	Message_Type = EIV
EO_ID	Economic operator identifier code of the submitting entity	EOID	S	M	
Event_Time	Time of event occurrence	Time(s)	S	M	
Invoice_Type1	Type of the invoice	Integer	S	M	See InvoiceType
Invoice_Type2	Description of the other type of the invoice	Text	S	M, if Invoice_Type1 = 3	
Invoice_Number	Number of the invoice	Text	S	M	
Invoice_Date	Date of the invoice	Date	S	M	
Invoice_Seller	Identity of the seller	EOID	S	M	
Invoice_Buyer1	Identification if the buyer is located in the EU	Boolean	S	M	0 – No 1 – Yes
Invoice_Buyer2	Identity of the buyer	EOID	S	M, if Invoice_Buyer1 = 1	
Buyer_Name	Buyer's registered legal name	Text	S	M, if Invoice_Buyer1 = 0	
Buyer_Address	Buyer's address – street name, house number, postal code, city	Text	S	M, if Invoice_Buyer1 = 0	
Buyer_CountryReg	Buyer's country of registration	Country	S	M, if Invoice_Buyer1 = 0	
Buyer_TAX_N	Buyer's tax registration number	Text	S	M, if Invoice_Buyer1 = 0	
First_Seller_EU	Identification if the invoice is issued by the first seller in the EU, i.e. the EU manufacturer or the importer, and the product is destined for the EU market	Boolean	S	M	0 – No 1 – Yes
Product_Items_1	List of TPIDs corresponding to the product items listed on the invoice	TPID	M	M, if First_Seller_EU = 1	
Product_Items_2	List of product numbers corresponding to the product items listed on the invoice (in the same order as product_Items_1)	PN	M	M, if First_Seller_EU = 1	
Product_Price	Net unit packet price per each pair of TPID and product number (in the same order as product_Items_1)	Decimal	M	M, if First_Seller_EU = 1	
Invoice_Net	Total net amount of the invoice	Decimal	S	M	
Invoice_Currency	Currency of the invoice	Currency	S	M	

Invoice reporting					
Field	Description	Data Type	Cardinality	Priority	Values
UI_Type	Identification of UI types covered by the invoice (recorded at the highest level of available aggregation)	Integer	S	M	1 – only unit packet level UIs 2 – only aggregated level UIs 3 – both unit packet and aggregated level UIs
upUIs	List of unit packet level UIs covered by the invoice	upUI(L)	M	M, if UI_Type = 1 or 3	
aUIs	List of aggregated level UIs covered by the invoice	aUI	M	M, if UI_Type = 2 or 3	
Invoice_comment	Comments by the reporting entity	Text	S	O	

3.5.1.3   Response:

Invoice reporting– response					
Field	Description	Data Type	Cardinality	Priority	Values
BasicInfo_Resp	Block of basic information elements	Component << Basic Information Response >>	S	M	Message_Type = EIV

3.5.1.4   Request sample

```
{
  "EO_ID": "QCUKR+1AB020054",
  "Event_Time": "2018-08-23T07:32:20.7878086+00:00",
  "Invoice_Type1": 1,
  "Invoice_Type2": "other type",
  "Invoice_Number": "INV000001",
  "Invoice_Date": "2018-08-23T07:32:20.7878086+00:00",
  "Invoice_Seller": "SellerId",
  "Invoice_Buyer1": false,
  "Invoice_Buyer2": null,
  "Buyer_Name": "Buyer1",
  "Buyer_Address": "BuyerAddress",
  "Buyer_CountryReg": "LU",
  "Buyer_TAX_N": "TAX0001",
  "First_Seller_EU": 1,
  "Product_Items_1": [ "IRU_GOOD" ],
  "Product_Items_2": [ "IRU_GOOD" ],
  "Product_Price": [ "16.99", "19.99" ],
  "Invoice_Net": 10099.99,
  "Invoice_Currency": "EUR",
  "UI_Type": 1,
  "upUIs": [ "5cd2729e6acc4479b67ea26a84a6e88b19071619",
"752a77aed2a34c47bc926a40bd2e6ef319071619" ],
  "aUIs": [ "5cd2729e-6acc-4479-b67e-a26a84a6e88b",
"752a77aed2a34c47bc926a40bd2e6ef3" ],
  "Invoice_comment": "Comments",
  "Message_Type": "EIV",
  "Code": "873345b2-882f-4064-91f0-90669b46c30a",

}
```

3.5.1.5   Successful response sample

HTTP Status 202

```
{
    "Code": "873345b2-882f-4064-91f0-90669b46c30a",
    "Message_Type": "EIV",
    "Error": false,
    "Errors": null,
    "Checksum": "G6HF5H"
}
```

3.5.1.6   Error response sample

Processing errors

HTTP status		
<< Common response code >>		

3.5.2   EPO – (4.2) Issuing of the order number

3.5.2.1   Description

Adds a purchase order event to a UI.

3.5.2.2   Description of the fields

Purchase order event					
Field	Description	Data Type	Cardinality	Priority	Values
BasicInfo_Req	Block of basic information elements	Component << Basic Information Request >>	S	M	Message_Type = EPO
EO_ID	Economic operator identifier code of the submitting entity	EOID	S	M	
Event_Time	Time of event occurrence	Time(s)	S	M	
Order_Number	Number of the purchase order	Text	S	M	
Order_Date	Date of the purchase order	Date	S	M	
UI_Type	Identification of UI types covered by the purchase order (recorded at the highest level of available aggregation)	Integer	S	M	1 – only unit packet level UIs 2 – only aggregated level UIs 3 – both unit packet and aggregated level UIs
upUIs	List of unit packet level UIs covered by the purchase order	upUI(L)	M	M, if UI_Type = 1 or 3	
aUIs	List of aggregated level UIs covered by the purchase order	aUI	M	M, if UI_Type = 2 or 3	
Order_comment	Description of the reason for delayed recording of the purchase order	Text	S	O	

3.5.2.3 Response:

Purchase order – response					
Field	Description	Data Type	Cardinality	Priority	Values
BasicInfo_Resp	Block of basic information elements	Component << Basic Information Response >>	S	M	Message_Type = EPO

3.5.2.4 Request sample

```
{
  "EO_ID": "QCUKR+1AB020054",
  "Event_Time": "2018-08-23T07:32:20.7878086+00:00",
  "Order_Number": "1234",
  "Order_Date": "2018-08-23T07:32:20.7878086+00:00",
  "UI_Type": 1,
  "upUIs": [ "5cd2729e-6acc-4479-b67e-a26a84a6e88b19071619",
"752a77aed2a34c47bc926a40bd2e6ef319071619" ],
  "aUIs": [ "5cd2729e-6acc-4479-b67e-a26a84a6e88b",
"752a77aed2a34c47bc926a40bd2e6ef3" ],
  "Order_comment": "Comments",
  "Message_Type": "EPO",
  "Code": "873345b2-882f-4064-91f0-90669b46c30a",
}
```

3.5.2.5 Successful response sample

HTTP Status 202

```
{
    "Code": "873345b2-882f-4064-91f0-90669b46c30a",
    "Message_Type": "EPO",
    "Error": false,
    "Errors": null,
    "Checksum": "G6HF5H"
}
```

3.5.2.6 Error response sample
Processing errors

HTTP status		
<< Common response code >>		

3.5.3 EPR – (4.3) Receipt of the payment

3.5.3.1 Description
Adds a payment record event to a UI.

3.5.3.2 Description of the fields

Payment record event					
Field	Description	Data Type	Cardinality	Priority	Values
BasicInfo_Req	Block of basic information elements	Component << Basic Information Request >>	S	M	Message_Type = EPR
EO_ID	Economic operator identifier code of the submitting entity	EOID	S	M	
Event_Time	Time of event occurrence	Time(s)	S	M	
Payment_Date	Date of the payment receipt	Date	S	M	
Payment_Type	Type of payment	Integer	S	M	See PaymentType
Payment_Amount	Amount of the payment	Decimal	S	M	
Payment_Currency	Currency of the payment	Currency	S	M	
Payment_Payer1	Identification if the payer is located in the EU	Boolean	S	M	0 – No 1 – Yes
Payment_Payer2	Identity of the payer	EOID	S	M, if Payment_Payer1 = 1	
Payer_Name	Payer's registered legal name	Text	S	M, if Payment_Payer1= 0	
Payer_Address	Payer's address – street name, house number, postal code and city	Text	S	M, if Payment_Payer1= 0	
Payer_CountryReg	Payer's country of registration	Country	S	M, if Payment_Payer1 = 0	
Payer_TAX_N	Payer's tax registration number	Text	S	M, if Payment_Payer1 = 0	
Payment_Recipient	Identity of the recipient	EIOD	S	M	
Payment_Invoice	Indication if the payment corresponds to the existing invoice	Boolean	S	M	0 – No 1 – Yes
Invoice_Paid	Number of the invoice paid with the payment	Text	S	M, if Payment_Invoice = 1	
UI_Type	Identification of UI types covered by the payment (recorded at the highest level of available aggregation)	Integer	S	M, if Payment_Invoice = 0	1 – only unit packet level UIs 2 – only aggregated level UIs 3 – both unit packet and aggregated level UIs
upUIs	List of unit packet level UIs covered by the payment	upUI(L)	M	M, if AND Payment_Invoice = 0 UI_Type = 1 or 3	
aUIs	List of aggregated level UIs covered by the payment	aUI	M	M, if AND Payment_Invoice = 0 UI_Type = 2 or 3	
Payment_comment	Comments by the reporting entity	Text	S	O	

3.5.3.3 Response:

<table>
<tr><td colspan="6" align="center">Payment record – response</td></tr>
<tr><td>Field</td><td>Description</td><td>Data Type</td><td>Cardinality</td><td>Priority</td><td>Values</td></tr>
<tr><td>BasicInfo_Resp</td><td>Block of basic information elements</td><td>Component << Basic Information Response >></td><td>S</td><td>M</td><td>Message_Type = EPR</td></tr>
</table>

3.5.3.4 Request sample

```
{
  "EO_ID": "QCUKR+1AB020054",
  "Event_Time": "2018-08-23T07:32:20.7878086+00:00",
  "Payment_Date": "2018-08-23T07:32:20.7878086+00:00",
  "Payment_Type": 1,
  "InvoiceType": 1,
  "UI_Type": 1,
  "Payment_Amount": 1.99,
  "Payment_Currency": "EUR",
  "Payment_Payer1": true,
  "Payment_Payer2": "PayerId",
  "Payer_Name": "PayerNmae",
  "Payer_Address": "Address",
  "Payer_CountryReg": "UK",
  "Payer_TAX_N": "TaxId",
  "Payment_Recipient": "PaymentRecipient",
  "Payment_Invoice": 1,
  "Invoice_Paid":  "test" ,
  "upUIs": [ "5cd2729e-6acc-4479-b67e-a26a84a6e88b19071619",
"752a77aed2a34c47bc926a40bd2e6ef319071619" ],
  "aUIs": [ "5cd2729e-6acc-4479-b67e-a26a84a6e88b",
"752a77aed2a34c47bc926a40bd2e6ef3" ],
  "Payment_comment": "Comments",
  "Message_Type": "EPR",
  "Code": "873345b2-882f-4064-91f0-90669b46c30a",

}
```

3.5.3.5 Successful response sample

HTTP Status 202

```
{
   "Code": "873345b2-882f-4064-91f0-90669b46c30a",
   "Message_Type": "EPR",
   "Error": false,
   "Errors": null,
   "Checksum": "G6HF5H"
}
```

3.5.3.6 Error response sample

Processing errors

HTTP status		
<< Common response code >>		

3.6 Recall

3.6.1 RCL – (5.0) Recalls of requests, operational and transactional messages

3.6.1.1 Description

Given a recall id ("Code" in the return of any message) The caller can mark that event invalid. This is possible for message types 2-1, 2-2, 3-1 to 3-7, 4-1, 4-2 and 4-3)

3.6.1.2 Description of the fields

Recall – request					
Field	Description	Data Type	Cardinality	Priority	Values
BasicInfo_Req	Block of basic information elements	Component << Basic Information Request >>	S	M	Message_Type = RCL
EO_ID	Economic operator identifier code of the submitting entity	EOID	S	M	
Recall_CODE	Message recall code provided to the message sender in the acknowledgement of the original message to be recalled	Text	S	M	
Recall_Reason1	Reason for recalling the original message	Integer	S	M	See RecallReasonType
Recall_Reason2	Description of the reason for recalling the original message	Text	S	M, if Recall_Reason1 = 3 (other reason)	
Recall_Reason3	Any additional explanations on the reason for recalling the original message	Text	S	O	

3.6.1.3 Response:

Recall – response					
Field	Description	Data Type	Cardinality	Priority	Values
BasicInfo_Resp	Block of basic information elements	Component << Basic Information Response >>	S	M	Message_Type = RCL

3.6.1.4   Request sample

```
{
"EO_ID":"QCUKR+1AB020054",
"RecallCode":"6854f9a6-a2b2-4c08-8000-0173f3c35567",
"RecallReason1":1,
"RecallReason2":1,
"RecallReason3":"Comments",
"Message_Type":"RCL",
"Code": "873345b2-882f-4064-91f0-90669b46c30a",
}
```

3.6.1.5   Successful response sample

HTTP Status 202

```
{
    "Code": "873345b2-882f-4064-91f0-90669b46c30a",
    "Message_Type": "RCL",
    "Error": false,
    "Errors": null,
    "Checksum": "G6HF5H"
}
```

3.6.1.6   Error response sample
Processing errors

HTTP status		
400	RECALL_TOO_LATE	If the recall is performed after the 24 hours allowed since the original call.

4 List of Error Codes

4.1 Security errors

HTTP status	Error Code	
401		Invalid security token
401		Expired security token

4.2 Processing errors

HTTP status	Error Code	
400	FAILED_VALIDATION	This error is returned when at least one of the mandatory fields are missing, if an enumeration is wrong
400	INVALID_REQUEST_FORMAT	No Type property added to message
400	INVALID_MESSAGE_TYPE	When the field "Message_Type" is out of the defined list.
400	INVALID_INPUT_FORMAT	When the body of the message doesn't contain a valid JSON.
500	SYSTEM_ERROR	Internal system error. This internal error id should be provided to Dentsu support if required

4.3 Validation errors

HTTP status	Error Code	Control(s)	
400	MULTIPLE_UID	VAL_UI_MULT_MSG	Multiple duplicate UI present in the messages
400	UI_NOT_VALID	VAL_UI_MULT_MSG	UI validity – Exists without Timestamp in the repository. (has never been applied). When application of UI (with Timestamp) occurs.
400	UI_NOT_EXIST	VAL_UI_EXIST_TIME	UI validity – Exists in the repository. When any message references UI
400	UI_EXPIRED	VAL_UI_EXPIRY	Validation that the application or the aggregation date doesn't

			exceed the 6 months period after the code has been issued.
400	UI_APPLY_AFTER_DEACTIVATION	VAL_UI_ORD_REACTIVATION	UI – UI is not applied after deactivation.
400	UI_EVENT_AFTER_DEACTIVATION	VAL_UI_ORD_DEACTIVATED	UI – presence of UI in a message after being deactivated.
400	SHIPMENT_BRFORE_24_HOURS	VAL_EVT_TIME	Prior to 24 hours rule for shipment is a strict rule and the system shall reject non compliant messages. Control is based on the "actual date – Event_Time" time difference
400	RECALL_AFTER_24_HOURS	VAL_EVT_RECALL	Please note that a recall can be performed only up to 24 hours after the original message.
400	EIOD_NOT_EXIST_OR_ACTIVE	VAL_ENT_EXIST_EOID VAL_ENT_ACTIVE_EOID	Check if EOID, exists and is active
400	FID_NOT_EXIST_OR_ACTIVE	VAL_ENT_EXIST_FID VAL_ENT_ACTIVE_FID	Check if FID, exists and is active
400	MID_NOT_EXIST_OR_ACTIVE	VAL_ENT_EXIST_MID VAL_ENT_ACTIVE_MID	Check if MID, exists and is active
400	FID_NOT_RELATED_TO_EOID	VAL_ENT_REL_EOID_FID	Check if EOID FID relation
400	MID_NOT_RELATED_TO_FID	VAL_ENT_REL_ FID_MID	Check if FID MID relation