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ANNEX 2

ANNEX

to the

Commission Implementing Regulation (EU) .../...

on technical standards for the establishment and operation of a traceability system for tobacco products

ANNEX II

KEY MESSAGES TO BE SENT BY THE ECONOMIC OPERATORS

The messages required for regulatory purposes shall contain at least the data fields listed in this Annex. Both ID issuers and providers of data repositories (including the router) may decide to extend the message content for strictly technical purposes to secure smooth functioning of the tobacco products traceability system.

The messages listed in this Annex do not include the messages to be sent back by ID issuers and providers of data repositories (including the router) to the economic operators, such as acknowledgments of receipt.

All the messages generated within the tobacco traceability system shall contain the identification of the originator and a timestamp up to the second (see Data Type: Time(L)). ID issuers and providers of data repositories (including the router) shall timestamp each received message up to the second.

CHAPTER I **FIELD DESCRIPTIONS**

SECTION I **DATA TYPE**

Data Type	Description	Example
ARC	Administrative Reference Code (ARC) or any successive code adopted under the Excise Movement and Control System (EMCS)	'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) serialisation 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)	
Boolean	Boolean value	- '0' (false/disabled) - '1' (true/enabled)
Country	Country name coded with ISO-3166-1:2013 alpha-2 (or its latest equivalent)	'DE'
Currency	Currency name coded with ISO 4217:2015 (or its latest equivalent)	'EUR'
Date	UTC (Coordinated Universal Time) date corresponding to the following format: YYYY-MM-DD	'2019-05-20'
Decimal	Number values, decimal allowed	'1' or '2.2' or '3.33'
EOID	Economic operator identifier code corresponding to the format established by the ID issuer coded with the invariant set of ISO646:1991	
FID	Tobacco facility identifier code corresponding to the format established by the ID issuer coded with the invariant set of ISO646:1991	

Integer	Rounded number values, no decimal numbers	'1' or '22' or '333'
MID	Machine identifier code corresponding to the format established by the ID issuer coded with the invariant set of ISO646:1991	
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 ISO-3166-1:2013 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.	'11IT9876AB88901235'
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').	'LU00000987ABC'
ITU	Individual transport unit code (e.g. SSCC) generated in accordance with ISO15459-1:2014 (or its latest equivalent)	'001234560000000018'
Text	Alphanumeric values coded with ISO8859-15:1999	'abcde12345'
Time(L)	UTC (Coordinated Universal Time) in the following format: YYYY-MM-DDThh:mm:ssZ	'2019-07-16T19:20:30Z'
Time(s)	UTC (Coordinated Universal Time) in the following format: YYMMDDhh	'19071619'
TPID	Tobacco Product Identifier (TP-ID) – numeric identifier used in the EU-CEG system in the format: NNNNN-NN-NNNN	'02565-16-00230'
PN	Product number – numeric identifier used in the EU-CEG system to identify product presentations (e.g. GTIN (Global Trade Identification Number) of the product)	'00012345600012'
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 accordance with ISO15459-2:2015, (b) middle block in the format established by the ID issuer and (c) timestamp following the Data Type: Time(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 accordance with ISO15459-2:2015 and (b) serialisation element in the format established by the ID issuer (i.e. UI made visible in the human readable format on the unit packets)	
Year	UTC (Coordinated Universal Time) year in the following format: YYYY	'2024'

SECTION 2 CARDINALITY TYPE

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

SECTION 3
PRIORITY TYPE

Type	Description
Mandatory (M)	The variable must be completed to successfully submit the message
Optional (O)	The variable relates to supplementary fields which remain optional

CHAPTER II MESSAGES

SECTION 1

IDENTIFIER CODES FOR ECONOMIC OPERATORS, FACILITIES AND MACHINES

1.1. Request for an economic operator identifier code

Item #	Field	Comments	Data Type	Cardinality	Priority	Values
	Message_Type	Identification of message type	Text	S	M	1-1
	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_CountryReg	Economic operator's country of registration	Country	S	M	
	EO_Email	Economic operator's email address used to inform about registration process, including 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_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	0 – No SEED number 1 – 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_ExciseNumber1 = 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 involved otherwise 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 involved otherwise in the tobacco trade	EOID	S	M, if Reg_3RD = 1	
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1.2. Correction of information concerning the economic operator identifier code

Item #	Field	Comments	Data Type	Cardinality	Priority	Values
	Message_Type	Identification of message type	Text	S	M	1-2
	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_CountryReg	Economic operator's country of registration	Country	S	M	
	EO_Email	Economic operator's email address used to inform about registration process, including 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_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	0 – No SEED number 1 – 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_ExciseNumber1 = 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 the retail outlet operator not involved otherwise in the tobacco trade	Boolean	S	M	0 – No 1 – Yes
	Reg_EOID	Identifier of the economic operator that acts on behalf of the retail outlet operator not involved otherwise in the tobacco trade	EOID	S	M, if Reg_3RD = 1	

1.3. De-registration of economic operator identifier code

Item #	Field	Comments	Data Type	Cardinality	Priority	Values
	Message_Type	Identification of message type	Text	S	M	1-3
	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 the retail outlet operator not involved otherwise in the tobacco trade	Boolean	S	M	0 – No 1 – Yes
	Reg_EOID	Identifier of the economic operator that acts on behalf of the retail outlet operator not involved otherwise in the tobacco trade	EOID	S	M, if Reg_3RD = 1	

1.4. Request for a facility identifier code

Item #	Field	Comments	Data Type	Cardinality	Priority	Values
	Message_Type	Identification of message type	Text	S	M	1-4
	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_Address	Facility's address – street name, house number, postal code and city	Text	S	M	
	F_Country	Facility's country	Country	S	M	
	F_Type	Type of facility	Integer	S	M	1 – manufacturing site with warehouse 2 – standalone warehouse 3 – retail outlet 4 – other
	F_Type_Other	Description of other facility	Text	S	M, if F_Type = 4	

	F_Status	Indication if a part of the facility has a tax (excise) 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 involved otherwise 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 the retail outlet operator not involved otherwise in the tobacco trade	EOID	S	M, if Reg_3RD = 1	

1.5. Correction of information concerning the facility identifier code

Item #	Field	Comments	Data Type	Cardinality	Priority	Values
	Message_Type	Identification of message type	Text	S	M	1-5
	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	
	F_Type	Type of facility	Integer	S	M	1 – manufacturing site with warehouse 2 – standalone warehouse 3 – retail outlet 4 – other
	F_Type_Other	Description of other facility	Text	S	M, if F_Type = 4	

	F_Status	Indication if a part of the facility has a tax (excise) 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 the retail outlet operator not involved otherwise 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 the retail outlet operator not involved otherwise in the tobacco trade	EOID	S	M, if Reg_3RD = 1	

1.6. De-registration of facility identifier code

Item #	Field	Comments	Data Type	Cardinality	Priority	Values
	Message_Type	Identification of message type	Text	S	M	1-6
	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 de-registration is made on behalf of a retail outlet operator not involved otherwise in the tobacco trade	Boolean	S	M	0 – No 1 – Yes
	Reg_EOID	Identifier of the economic operator that acts on behalf of the retail outlet operator not involved otherwise in the tobacco trade	EOID	S	M, if Reg_3RD = 1	

1.7. Request for a machine identifier code

Item #	Field	Comments	Data Type	Cardinality	Priority	Values
	Message_Type	Identification of message type	Text	S	M	1-7
	EO_ID	Economic operator identifier code	E OID	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	
	M_Producer	Machine's producer	Text	S	M	
	M_Model	Machine's model	Text	S	M	
	M_Number	Machine's serial number	Text	S	M	
	M_Capacity	Maximum capacity over 24-hour production cycle expressed in unit packets	Integer	S	M	

1.8. Correction of information concerning the machine identifier code

Item #	Field	Comments	Data Type	Cardinality	Priority	Values
	Message_Type	Identification of message type	Text	S	M	1-8
	EO_ID	Economic operator identifier code	E OID	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	
	M_ID	Machine identifier code	MID	S	M	
	M_Producer	Machine's producer	Text	S	M	
	M_Model	Machine's model	Text	S	M	
	M_Number	Machine's serial number	Text	S	M	
	M_Capacity	Maximum capacity over 24-hour production cycle expressed in unit packets	Integer	S	M	

1.9. De-registration of machine identifier code

Item #	Field	Comments	Data Type	Cardinality	Priority	Values
	Message_Type	Identification of message type	Text	S	M	1-9
	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	
	M_ID	Machine identifier code	MID	S	M	

SECTION 2
UNIQUE IDENTIFIERS (UIS)

2.1. Request for unit level UIs

Item #	Field	Comments	Data Type	Cardinality	Priority	Values
	Message_Type	Identification of message type	Text	S	M	2-1
	EO_ID	Economic operator identifier code of the submitting entity (either EU manufacturer or EU importer)	EOID	S	M	
	F_ID	Facility identifier code	FID	S	M	
	Process_Type	Indication if the production process involves machinery	Boolean	S	M	0 – No (only for fully hand made products) 1 – Yes
	M_ID	Machine identifier code	MID	S	M, if Process_Type = 1	
	P_Type	Type of tobacco product	Integer	S	M	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 (product placed on the market before 19 May 2014, not covered by categories 1-9)
	P_OtherType	Description of other type of tobacco product	Text	S	M, if P_Type = 11	
	P_CN	Combined Nomenclature (CN) code	Text	S	O	
	P_Brand	Brand of tobacco product	Text	S	M	
	P_weight	Average gross weight of unit packet, including packaging, in grams with 0.1 gram accuracy	Decimal	S	M	
	TP_ID	Tobacco product identifier used in the EU-CEG system	TPID	S	M, if Intended_Market is an EU country	

	TP_PN	Tobacco product number used in the EU-CEG system	PN	S	M, if Intended_Market is an EU country	
	Intended_Market	Intended country of retail sale	Country	S	M	
	Intended_Route1	Indication if the product is intended to be moved across country borders with terrestrial/water/air transport	Boolean	S	M	0 – No 1 – Yes
	Intended_Route2	The first country of terrestrial/water/air transport after the product leaves the Member State of manufacturing or the Member State of importation established on the basis of a check point on the land border, next seaport or next airport respectively	Country	S	M, if Intended_Route1 = 1	
	Import	Indication if the product is imported into the EU	Boolean	S	M	0 – No 1 – Yes
	Req_Quantity	Requested quantity of unit packet level UIs	Integer	S	M	

2.2. Request for aggregated level UIs

Item #	Field	Comments	Data Type	Cardinality	Priority	Values
	Message_Type	Identification of message type	Text	S	M	2-2
	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	

2.3. Request for deactivation of UIs

Item #	Field	Comments	Data Type	Cardinality	Priority	Values
	Message_Type	Identification of message type	Text	S	M	2-3
	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 packet level UIs 2 – Aggregated level UIs
	Deact_Reason1	Identification of the reason for	Integer	S	M	1 – Product

		deactivation				destroyed 2 – Product stolen 3 – UI destroyed 4 – UI stolen 5 – UI unused 6 – Other
	Deact_Reason2	Description of other reason	Text	S	M, if Deact_Reason1 = 6	
	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	

SECTION 3

RECORDING AND TRANSMISSION OF INFORMATION ON PRODUCT MOVEMENTS

3.1. Application of unit level UIs on unit packets

Item #	Field	Comments	Data Type	Cardinality	Priority	Values
	Message_Type	Identification of message type	Text	S	M	3-1
	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	

3.2. Application of aggregated level UIs on aggregated packaging

Item #	Field	Comments	Data Type	Cardinality	Priority	Values
	Message_Type	Identification of message type	Text	S	M	3-2
	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	Time(s)	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_UIs1	List of unit packet level UIs subject to aggregation	upUI(L)	M	M, if Aggregation_Type = 1 or 3	
	Aggregated_UIs2	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	
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3.3. Dispatch of tobacco products from a facility

Item #	Field	Comments	Data Type	Cardinality	Priority	Values
	Message_Type	Identification of message type	Text	S	M	3-3
	EO_ID	Economic operator identifier code of the submitting entity	EOID	S	M	
	Event_Time	Intended time of event occurrence	Time(s)	S	M	
	F_ID	Dispatch facility identifier code	FID	S	M	
	Destination_ID1	Indication of destination type: if the destination facility is located on the EU territory and if it is delivery to a vending machine (VM) or by means of a vending van (VV) delivering to multiple retail outlets in quantities that have not been predetermined in advance of the delivery	Integer	S	M	1 – Non EU dest. 2 – EU destination other than VM – fixed quantity delivery 3 – EU VM(s) 4 – EU destination other than VM – delivery with VV
	Destination_ID2	Destination facility identifier code	FID	S	M, if Destination_ID 1 = 2	
	Destination_ID3	Destination facility identifier code(s) – possible multiple vending machines	FID	M	M, if Destination_ID 1 = 3	
	Destination_ID4	Destination facility identifier code(s)	FID	M	M, if Destination_ID 1 = 4	
	Destination_ID5	Destination facility's full address: street, house number, postal code, city	Text	S	M, if Destination_ID 1 = 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	0 – Other 1 – Sea Transport 2 – Rail transport 3 – Road transport 4 – Air transport 5 – Postal consignment 6 – Fixed transport installations 7 – Inland waterway transport
	Transport_vehicle	Identification of the vehicle (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 10kg) destined for exports to third countries	Boolean	S	M		0 – No 1 – Yes
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. Arrival of tobacco products at a facility

Item #	Field	Comments	Data Type	Cardinality	Priority	Values
	Message_Type	Identification of message type	Text	S	M	3-4
	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	Time(s)	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	

3.5. Trans-loading

Item #	Field	Comments	Data Type	Cardinality	Priority	Values
	Message_Type	Identification of message type	Text	S	M	3-5
	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	Boolean	S	M	0 – No 1 – Yes
	Destination_ID2	Destination facility identifier code	FID	S	M, if Destination_ID 1 = 1	
	Destination_ID3	Destination facility's full address	Text	S	M, if Destination_ID 1 = 0	

Transport_mode	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	0 – Other 1 – Sea Transport 2 – Rail transport 3 – Road transport 4 – Air transport 5 – Postal consignment 6 – Fixed transport installations 7 – Inland waterway transport
Transport_vehicle	Identification of the vehicle (i.e. number plates, train number, plane/flight number, ship name or other identification)	Text	S	M	
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	
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_comment	Comments by the reporting entity	Text	S	O	

3.6. Disaggregation of aggregated level UIs

Item #	Field	Comments	Data Type	Cardinality	Priority	Values
	Message_Type	Identification of message type	Text	S	M	3-6
	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	

3.7. Report of delivery carried out with a vending van to retail outlet (required if in message type 3-3, field Destination_ID1 = 4)

Item #	Field	Comments	Data Type	Cardinality	Priority	Values
	Message_Type	Identification of message type	Text	S	M	3-7
	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	

SECTION 4
TRANSACTIONAL EVENTS

4.1. Issuing of the invoice

Item #	Field	Comments	Data Type	Cardinality	Priority	Values
	Message_Type	Identification of message type	Text	S	M	4-1
	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	1 – Original 2 – Correction 3 – Other
	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	Indication 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	Indication 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	
	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	

4.2. Issuing of the order number

Item #	Field	Comments	Data Type	Cardinality	Priority	Values
	Message_Type	Identification of message type	Text	S	M	4-2
	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	

4.3. Receipt of the payment

Item #	Field	Comments	Data Type	Cardinality	Priority	Values
	Message_Type	Identification of message type	Text	S	M	4-3
	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	1 – bank transfer 2 – bank card 3 – cash 4 – other
	Payment_Amount	Amount of the payment	Decimal	S	M	
	Payment_Currency	Currency of the payment	Currency	S	M	
	Payment_Payer1	Indication 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	EOID	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 Payment_Invoice = 0 and UI_Type = 1 or 3	
	aUIs	List of aggregated level UIs covered by the payment	aUI	M	M, if Payment_Invoice = 0 and UI_Type = 2 or 3	
	Payment_comment	Comments by the reporting entity	Text	S	O	

SECTION 5

RECALLS

5. Recalls of requests, operational and transactional messages (possible for message types 2-1, 2-2, 3-1 to 3-7, 4-1, 4-2 and 4-3)

Item #	Field	Comments	Data Type	Cardinality	Priority	Values
	Message_Type	Identification of message type	Text	S	M	5
	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	1 – reported event did not materialise (only for message types 3-3 and 3-5) 2 – message contained erroneous information 3 – other
	Recall_Reason2	Description of the reason for recalling the original message	Text	S	M, if Recall_Reason1 = 3	
	Recall_Reason3	Any additional explanations on the reason for recalling the original message	Text	S	O	

Notice: A recall with respect to operational and logistic events results in flagging the recalled message as cancelled but does not lead to the deletion of the existing database record.