

TAXUD/A4 – TARIC-3 IDS Technical Message Exchange Specifications	
	Ref: TAR3-TMES

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OBJECTIVE OF THIS DOCUMENT	

1. INTRODUCTION

1.1. Objective of this Document

The aim of this document is to provide the technical mapping of the functional messages and exchange scenarios of the TARIC3 system-to-system interface defined in [[TAR3-FMES](#)]. The messages are mapped on XML messages.

1.2. Intended Audience

The document is intended for people responsible for designing and implementing applications participating in the TARIC system-to-system interface. Knowledge of at least XML, an XPath and XML schema is assumed. Please consult [[XML](#)], [[XPath](#)] and [[XML-Schema](#)] for their respective specifications.

1.3. Structure of this Document

First, a description of the technical exchange of messages is given in chapter 2. Then the functional parts of the messages defined in [[TAR3-FMES](#)] are mapped on XML elements and attributes in chapter 3. The same operation is described for technical parts of messages not described in [[TAR3-FMES](#)] but required to automate the processing of messages in chapter 4. The result of this mapping gives a complete set of XML schemas [[XML-Schema](#)] that are fully described in chapter 5. Finally, examples of XML messages based on these XML schemas are given in chapter 6.

1.4. Abbreviations and acronyms

CN	Combined Nomenclature
ERN	Export Refund Nomenclature
FTS	Full Temporary Stop
HS	Harmonised System
OJ	Official Journal
PTS	Partial Temporary Stop
TARIC	TARif Intégré Communautaire

1.5. Related Documents

[ARCH] “DEMCO Technical Architecture 1.08”, TAXUD/D3, Ref. DEMCO-TEC-001, version 3.00-EN

[TAR3-FMES] “Functional Message Exchange Specification for TARIC3”, TAXUD/D3, Ref. TAR-3-FMES, version 1.21-EN

[STDEV-TMES] “Guidelines For Technical Message Exchange Specification 1.2.1”, TAXUD/D3, Ref. STDEV-TMES, version 1.2.1-EN

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[XML] “Extensive Markup Language (XML) 1.0”, T.Bray, J.Paoli, C.M.Sperberg-McQueen, <http://www.w3c.org/TR/REC-xml>

[XPath] “XML Path Language (XPath) Version 1.0”, J.Clark & S.DeRose, <http://www.w3c.org/TR/xpath.html>

[XML-Schema] “XML Schema Part 0: Primer”, <http://www.w3.org/TR/xmlschema-0/>; “XML Schema Part 1: Structures”, <http://www.w3.org/TR/xmlschema-1/>; “XML Schema Part 2: Data types”, <http://www.w3.org/TR/xmlschema-2/>.

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TECHNICAL ISSUES	

2. INFORMATION EXCHANGE SCENARIOS

This chapter explains how the functional information exchange scenarios are technically realised. All the functional scenarios are taken from [\[TAR3-FMES\]](#).

2.1. Technical issues

This section describes some issues that technical scenarios have to cope with. It also defines some concepts used in the technical scenarios.

2.1.1. Participating party

The central system, the Member States and Commission internal users exchanging messages through the TARIC3 interface are known as participating parties.

In a scenario, there is always a initiating party.

2.1.2. Communication queues

An asynchronous communication paradigm will be used to exchange messages between the participating parties.

Each party that must receive notification messages must publish the name of the queue in which it waits for those messages. This queue is known as the party's incoming queue. For example, the Member States must publish the names of the queues in which they wait for notification messages.

If a situation occurs in which an incoming message cannot be decoded, the receiving party must inform the sending party of the situation and interrupt the process. This communication might be done in an ad-hoc manner (e.g. e-mail or phone call to the Commission staff responsible for operating the TARIC3 system). After the problem has been solved the pending messages may be resend to the Member State in one message or in a number of sequential messages.

The CCN/CSI infrastructure will be used for the implementation of the communication queues.

2.1.3. Rejected envelopes

The receiving party can only reject an envelope if it cannot decode the envelope. Then, a fatal error report indicating the reason of the rejection must be put in the receiving party log file. This report can be send to the Commission staff responsible for operating the TARIC3 system in an ad-hoc manner (e.g. by e-mail or by phone call).

2.2. Technical exchange scenario

In the TARIC3 project, the information is stored in a central repository owned by the Commission. This central repository is known as the TARIC3 system and is not accessible to the Member States.

Member States have their own systems storing the entirety or some parts of the TARIC information. Two functional information exchange scenarios are defined in

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[[TAR3 FMES](#)] to enable Member States to synchronize their local system with the TARIC3 system:

- the full extraction scenario;
- the differential extraction (extraction of the modification file) scenario.

From a technical perspective these scenarios are implemented using the “Notification of change” scenario defined in [[STDEV TMES](#)]. However, it must be stressed that technical messages are only defined for the notification of information sent from the TARIC3 system to the Member States’ systems.

In this scenario, the TARIC information is updated in the TARIC3 system by the users of the Commission and notification message is sent (communicated) to the Member States’ systems. The Member States’s systems are responsible for handling the notifications it receives.

The scenario does not foresee communication from the Member States’ systems, in an automated way, on problems that could occur whilst processing the notifications received from the TARIC3 system. Thus, no message is defined to enable a Member State system to report such problems. If such a situation occurs this communication might be done in an ad-hoc manner (e.g. e-mail or phone call to the Commission staff responsible for operating the TARIC3 system).

2.2.1. Full extraction

The full extraction scenario defined in [[TAR3 FMES](#)] (chapter 4) is technically conducted as explained in the technical exchange scenario described in section 2.1.

The execution of this scenario is triggered by a request of a Member States that wishes to perform an initial load of its local system. However, this is not an automated process and it must be performed by an operator (staff of the Commission).

The TARIC3 system prepares one or more messages that conform to the message specification defined in section 4.1 depending on the following parameters:

- active date
- archive date
- languages to extract
- destination id for which the filters are to be applied

The "active date" extracts all records for which the end date is greater than or equal to the "active date" (open dates are considered to be greater than).

The "archive date" is optional. This date will extract all records which have an end date equal to or greater than the archive date and an end date which is less than the active date.

The "languages" parameter is optional, as is the "destination id.". Languages to be chosen are specified either directly through the "languages" parameter or through

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the (*possibly empty set of*) languages filters of the destination id. If no language is specified, no language data will be extracted. The languages are entered in a contiguous way, e.g. "ENDENL" indicates that English, German and Dutch are required.

The "destination id." is optional. If this is entered, the (*possibly empty set of*) destination filters defined for this destination id will be applied to the full extract (see section 2.3.1).

Based on the input parameters, several messages will be generated:

- archive language independent data with the following message.id **aaaaaaaaARCH** where:

aaaaaaaa is the application id which is passed to the function by the batch scheduler (e.g. OBEXT --> Output Bridge EXtraction);

ARCH is a constant value.

- archive language dependent data (1 message per language) with the following message.id **aaaaaaaaARCHII** where:

aaaaaaaa is the application id which is passed to the function by the batch scheduler (e.g. OBEXT --> Output Bridge EXtraction);

ARCH is a constant value

II is the language.

- static data (data without validity period) + active language independent data with the following message.id **aaaaaaaaACT** where:

aaaaaaaa is the application id which is passed to the function by the batch scheduler (e.g. OBEXT --> Output Bridge EXtraction);

ACT is a constant value.

- active language dependent data (1 message per language) with the following message.id **aaaaaaaaACTII** where:

aaaaaaaa is the application id which is passed to the function by the batch scheduler (e.g. OBEXT --> Output Bridge EXtraction);

ACT is a constant value

II is the language.

The extraction is based on the working database.

As it may represent a huge amount of data, the full extraction messages are copied on a DVD that is sent to the Member States that requested the full extraction.

The Member States's systems processes the full extraction messages in sequence.

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Sequence of processing:

1. static data + active language independent data (message: "aaaaaaaaACT")
2. active language dependent data (message: "aaaaaaaaACTII")
3. archive language independent data (message: "aaaaaaaaARCH")
4. archive language dependent data (message: "aaaaaaaaARCHII")

The operations present in the messages must be successfully processed in the order they appear in the message.

It is worth noting that in order to be synchronized with the TARIC3 system the Member States' systems have to receive and successfully process the differential extractions produced after the full extraction.

2.2.2. Differential Extraction

The differential extraction scenario defined in [\[TAR3 FMES\]](#) (chapter 4) is technically conducted as explained in the technical exchange scenario described in section 2.1.

The execution of this scenario is automatically triggered by the TARIC3 system. They are generated regularly, usually every workday, and transmitted to the national administrations. A differential extraction message contains all the updates to the TARIC database made since the previous differential extraction message was generated.

The TARIC3 system prepares a notification message that conforms to the message specification defined in section 4.1. This notification message contains all changes that occurred on the TARIC information stored in the TARIC3 system after the former extraction until the extraction timestamp. Moreover, if a given data item has changed several times since the former extraction all changes are communicated in the differential extraction.

It is important to stress that the changes that are present in the former extractions are not present in the newly generated differential extraction. From a technical perspective this means that only changes that occurred on TARIC information at a timestamp greater than (>) the extraction timestamp of the former extraction and lesser than or equal to ($\leq$) the extraction timestamp of the new differential extraction are taken into account.

The TARIC3 system assigns to the differential extraction a sequence number equal to the sequence number of the former extraction incremented by one. Thus, there is no gap in the sequence numbers of the subsequent differential extractions.

The extraction period number is structured as follows: **yy****nnn** where

yy are the last two digits of the year and

nnn is a sequence number within the year (and starts at 001).

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Destinations (Member States) are either selected explicitly when submitting the extraction request, or implicitly all destinations marked ‘for update extract’ are selected (see section 2.3.1).

For each selected destination, a message will be created with the following message.id **Tddeeeee.messageformat**, where:

T is a constant;

dd is the destination-id;

eeee is the extraction period number;

. is a constant;

messageformat is the message format which can be one of the following:

EDIFACT2, EDIFACT3, XML

The differential extraction messages are communicated to the Member States in an asynchronous way via CCN. Thus, the messages are put on the CCN queue of each Member States’ system. Note that the message is first filtered out according to the needs of each particular Member State system.

The Member States’ systems processes the differential extraction messages. It is worth mentioning that due to the use of CCN queues to communicate differential extractions to the Member States’ systems it might happen that differential extractions arrive out of sequence. The Member States’ systems must pay attention to this and process differential extractions in sequence. Member States could inform the TARIC staff whenever such a situation occurs. As there is no automated mechanism foreseen this must be done in an ad-hoc manner (e.g. e-mail or phone call).

Alternatively, the TARIC3 operator at the Commission may also send existing differential extractions to a Member States that has requested them. This may be necessary when a Member State has received and successfully processed a full extraction and missed some of the subsequent differential extractions.

2.2.3. Transactions

Operations that must be processed as an atomic transaction because they correspond to a single business operation are grouped together in a “Transaction”. The TARIC3 system assigns a unique “Transaction identifier” to each “Transaction” on the record level. It must be stressed that the values of this “Transaction identifier” are not necessarily continuous.

The operations present in the messages must be successfully processed in the order they appear in the message. The records are sorted by transaction identifier and record identifier within the messages. Operations grouped in a “Transaction” must be processed as an atomic transaction.

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CONFIGURATION IMPLICATIONS	

The Transaction identifier at the level of the envelope has no special meaning except for grouping the messages together. An envelope transaction may contain more than one record transactions but all records with the same record transaction must be included in the same envelope transaction.

2.3. Configuration implications

In this section, some technical issues implied by the technical message exchange scenarios are described.

2.3.1. Destination filters on full and differential extractions

Before sending a full extraction or a differential extraction to a given Member State, the TARIC3 system applies some *destination filters* to remove information not necessary for this Member States.

These filters can act on different subjects:

- the transmission items (record code/subcode) they want to receive;
- the language versions they want to receive;
- the measure types they do NOT want to receive;
- the chapters they do NOT want to receive.

The Commission decides in dialogue with the Member State which filters that have to be applied on the full extractions and differential extractions before sending them. Note that the same set of filters is applied on the full extractions and on the differential extractions for this Member State. The TARIC3 system will be configured to apply these filters on the extractions it sends to this Member State.

As there is no message defined to communicate this information to the Commission, this must be done in an ad-hoc manner (e.g. e-mail or phone call).

2.3.2. CCN queues

In the differential extraction scenario, the TARIC3 system puts the differential extraction message on the CCN queue of each particular Member State.

Each Member State must create a CCN queue, grant a write access on this queue to the TARIC3 system, and communicate the name of this queue to the Commission staff responsible for the operation of the TARIC3 system. The TARIC3 system will be configured to send differential extractions to this queue.

As there is no message defined to communicate this information to the Commission, this must be done in an ad-hoc manner (e.g. e-mail or phone call).

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DETAILED MESSAGE DESCRIPTION CATALOGUE	Ref: TAR3-TMES
COMMON DATA STRUCTURE AND ELEMENTS	

3. DETAILED MESSAGE DESCRIPTION CATALOGUE

This chapter describes the encoding in XML of each functional message described in [TAR3-FMES]. The mapping guidelines given in [STDEV-TMES] have been applied to define the mapping of the functional messages defined in [TAR3-FMES] on XML messages.

A specific notation is introduced to access elements within a list: item.list/itemType. This means that we have a single element 'item.list', which can contain multiple items of the same type 'itemType'.

3.1. Common data structure and elements

All message element of type data record are listed in the following sections.

3.1.1. Transmission comment

TRANSMISSION COMMENT			transmission.comment
Comment SID	M	n 8	comment.sid
Language id	M	a 2	language.id
Comment text	O	an ..	comment.text

3.1.2. Footnote type

FOOTNOTE TYPE			footnote.type
Footnote type id	M	a 3	footnote.type.id
Validity start date	M	an 8	validity.start.date
Validity end date	O	an 8	validity.end.date
Footnote type application code	M	an 1	application.code

FOOTNOTE TYPE DESCRIPTION			footnote.type.description
Footnote type id	M	a 3	footnote.type.id
Language id	M	a 2	language.id
Short description of footnote type	O	an 500	description

3.1.3. Certificate type

CERTIFICATE TYPE			certificate.type
Certificate type	M	an 1	certificate.type.code
Validity start date	M	an 8	validity.start.date
Validity end date	O	an 8	validity.end.date

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CERTIFICATE TYPE DESCRIPTION			certificate.type.description
Certificate type	M	an 1	certificate.type.code
Language id	M	a 2	language.id
Short description of certificate type	O	an 500	description

3.1.4. Additional code type

ADDITIONAL CODE TYPE			additional.code.type
Additional code type id	M	an 1	additional.code.type.id
Validity start date	M	an 8	validity.start.date
Validity end date	O	an 8	validity.end.date
Additional code type application code	M	an 1	application.code
Meursing table plan id	O	an 2	meursing.table.plan.id

ADDITIONAL CODE TYPE DESCRIPTION			additional.code.type.description
Additional code type id	M	an 1	additional.code.type.id
Language id	M	a 2	language.id
Short description of additional code type	O	an 500	description

3.1.5. Language

LANGUAGE			language
Language id	M	a 2	language.id
Validity start date	M	an 8	validity.start.date
Validity end date	O	an 8	validity.end.date

LANGUAGE DESCRIPTION			language.description
Language code id	M	a 2	language.code.id
Language id	M	an 2	language.id
Name of the language	O	an 500	description

3.1.6. Measure type series

MEASURE TYPE SERIES			measure.type.series
Measure type series id	M	an 2	measure.type.series.id
Validity start date	M	an 8	validity.start.date
Validity end date	O	an 8	validity.end.date
Measure type combination	M	an 1	measure.type.combination

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MEASURE TYPE SERIES DESCRIPTION			measure.type.series.description
Measure type series id	M	an 2	measure.type.series.id
Language id	M	a 2	language.id
Short description of measure type series	O	an 500	description

3.1.7. Regulation group

REGULATION GROUP			regulation.group
Regulation group id	M	an 3	regulation.group.id
Validity start date	M	an 8	validity.start.date
Validity end date	O	an 8	validity.end.date

REGULATION GROUP DESCRIPTION			regulation.group.description
Regulation group id	M	an 3	regulation.group.id
Language id	M	a 2	language.id
Short description of regulation group	O	an 500	description

3.1.8. Regulation role type

REGULATION ROLE TYPE			regulation.role.type
Regulation role type id	M	an 1	regulation.role.type.id
Validity start date	M	an 8	validity.start.date
Validity end date	O	an 8	validity.end.date

REGULATION ROLE TYPE DESCRIPTION			regulation.role.type.description
Regulation role type id	M	an 1	regulation.role.type.id
Language id	M	a 2	language.id
Short description of regulation role	O	an 500	description

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3.1.9. Publication sigle

PUBLICATION SIGLE			publication.sigle
Code type	M	an 4	code.type.id
Code of the object to publish	M	an 10	code
Validity start date	M	an 8	validity.start.date
Validity end date	O	an 8	validity.end.date
Publication code	M	an 1	publication.code
Publication sigle	O	an 20	publication.sigle

3.1.10. Footnote

FOOTNOTE			footnote
Footnote type	M	a 3	footnote.type.id
Footnote id	M	an 5	footnote.id
Validity start date of footnote code	M	an 8	validity.start.date
Validity end date of footnote code	O	an 8	validity.end.date

FOOTNOTE DESCRIPTION PERIOD			footnote.description.period
SID (footnote description)	M	n 8	footnote.description.period.sid
Footnote type id	M	a 3	footnote.type.id
Footnote id	M	an 5	footnote.id
Validity start date of footnote description	M	an 8	validity.start.date

FOOTNOTE DESCRIPTION			footnote.description
SID for footnote.description period	M	n 8	footnote.description.period.sid
Language id	M	a 2	language.id
Footnote type id	M	a 3	footnote.type.id
Footnote id	M	an 5	footnote.id
Long description of footnote	O	an ..	description

3.1.11. Certificate

CERTIFICATE			certificate
Certificate type code	M	an 1	certificate.type.code
Certificate code	M	an 3	certificate.code
Validity start date of certificate	M	an 8	validity.start.date
Validity end date of certificate	O	an 8	validity.end.date

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CERTIFICATE DESCRIPTION PERIOD			certificate.description.period
SID for certificate description period	M	n 8	certificate.description.period.sid
Certificate type code	M	an 2	certificate.type.code
Certificate code	M	an 3	certificate.code
Validity start date	M	an 8	validity.start.date

CERTIFICATE DESCRIPTION			certificate.description
SID for certificate description	M	n 8	certificate.description.period.sid
Language id	M	a 2	language.id
Certificate type code	M	an 1	certificate.type.code
Certificate code	M	an 3	certificate.code
Short description of certificate	O	an 500	description

3.1.12. Measurement unit

MEASUREMENT UNIT			measurement.unit
Measurement unit code	M	a 3	measurement.unit.code
Validity start date of measurement unit code	M	an 8	validity.start.date
Validity end date of measurement unit code	O	an 8	validity.end.date

MEASUREMENT UNIT DESCRIPTION			measurement.unit.description
Measurement unit code	M	a 3	measurement.unit.code
Language id	M	a 2	language.id
Short description of measurement unit	O	an 500	description

3.1.13. Measurement Unit Qualifier

MEASUREMENT UNIT QUALIFIER			measurement.unit.qualifier
Measurement unit qualifier code	M	a 1	measurement.unit.qualifier.code
Validity start date of measurement unit qualifier code	M	an 8	validity.start.date
Validity end date of measurement unit qualifier code	O	an 8	validity.end.date

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MEASUREMENT UNIT QUALIFIER DESCRIPTION			measurement.unit.qualifier.description
Measurement unit qualifier code	M	a 1	measurement.unit.qualifier.code
Language id	M	a 2	language.id
Short description of measurement unit qualifier	O	an 500	description

3.1.14. Measurement

MEASUREMENT			measurement
Measurement unit code	M	a 3	measurement.unit.code
Measurement unit qualifier code	M	a 1	measurement.unit.qualifier.code
Validity start date	M	an 8	validity.start.date
Validity end date	O	an 8	validity.end.date

3.1.15. Monetary unit

MONETARY UNIT			monetary.unit
Monetary unit code	M	a 3	monetary.unit.code
Validity start date	M	an 8	validity.start.date
Validity end date	O	an 8	validity.end.date

MONETARY UNIT DESCRIPTION			monetary.unit.description
Monetary unit code	M	a 3	monetary.unit.code
Language id	M	a 2	language.id
Short description of monetary unit	O	an 500	description

3.1.16. Duty expression

DUTY EXPRESSION			duty.expression
Duty expression id	M	an 2	duty.expression.id
Validity start date of duty expression	M	an 8	validity.start.date
Validity end date of duty expression	O	an 8	validity.end.date
Duty amount applicability code	M	an 1	duty.amount.applicability.code
Measurement unit applicability code	M	an 1	measurement.unit.applicability.code
Monetary unit applicability code	M	an 1	monetary.unit.applicability.code

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DUTY EXPRESSION DESCRIPTION			duty.expression.description
Duty expression id	M	an 2	duty.expression.id
Language id	M	a 2	language.id
Short description of duty expression	O	an 500	description

3.1.17. Measure type

MEASURE TYPE			measure.type
Measure type id	M	an 6	measure.type.id
Validity start date of measure type id	M	an 8	validity.start.date
Validity end date of measure type id	O	an 8	validity.end.date
Trade movement code	M	an 1	trade.movement.code
Priority code	M	an 1	priority.code
Measure component applicable code	M	an 1	measure.component.applicable.code
Origin/destination code	M	an 1	origin.dest.code
Order number capture code	M	an 1	order.number.capture.code
Measure explosion level	M	an 2	measure.explosion.level
Measure type series id	M	an 2	measure.type.series.id

MEASURE TYPE DESCRIPTION			measure.type.description
Measure type id	M	an 6	measure.type.id
Language id	M	a 2	language.id
Short description of measure type	O	an 500	description

3.1.18. Additional code type / Measure type

ADDITIONAL CODE TYPE/MEASURE TYPE			additional.code.type.measure.type
Measure type id	M	an 6	measure.type.id
Additional code type id	M	an 1	additional.code.type.id
Validity start date	M	an 8	validity.start.date
Validity end date	O	an 8	validity.end.date

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3.1.19. Additional code

ADDITIONAL CODE			additional.code
SID for additional code	M	n 8	additional.code.sid
Additional code type id	M	an 1	additional.code.type.id
Additional code	M	an 3	additional.code
Validity start date of additional code	M	an 8	validity.start.date
Validity end date of additional code	O	an 8	validity.end.date

ADDITIONAL CODE DESCRIPTION PERIOD			additional.code.description.period
SID for additional code description	M	n 8	additional.code.description.period.sid
SID for additional code	M	n 8	additional.code.sid
Additional code type id	M	an 1	additional.code.type.id
Additional code	M	an 3	additional.code
Validity start date of additional code description	M	an 8	validity.start.date

ADDITIONAL CODE DESCRIPTION			additional.code.description
SID for additional code description period	M	n 8	additional.code.description.period.sid
Language id	M	a 2	language.id
SID (additional code)	M	n 8	additional.code.sid
Additional code type id	M	an 1	additional.code.type.id
Additional code	M	an 3	additional.code
Long description of additional code	O	an ..	description

FOOTNOTE ASSOCIATION – ADDITIONAL CODE			footnote.association.additional.code
SID for additional code	M	n 8	additional.code.sid
Footnote type id	M	a 3	footnote.type.id
Footnote id	M	an 5	footnote.id
Validity start date of association between additional codes and footnotes	M	an 8	validity.start.date
Validity end date of association between additional codes and footnotes	O	an 8	validity.end.date
Additional code type id	M	an 1	additional.code.type.id
Additional code	M	an 3	additional.code

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DETAILED MESSAGE DESCRIPTION CATALOGUE	Ref: TAR3-TMES
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3.1.20. Geographical area

GEOGRAPHICAL AREA			geographical.area
SID for geographical area	M	n 8	geographical.area.sid
Geographical area id	M	an 4	geographical.area.id
Geographical area code	M	n 1	geographical.code
Validity start date	M	an 8	validity.start.date
Validity end date	O	an 8	validity.end.date
SID for parent geographical area group	O	n 8	parent.geographical.area.group.sid

GEOGRAPHICAL AREA DESCRIPTION PERIOD			geographical.area.description.period
SID for geographical area description	M	n 8	geographical.area.description.period.sid
SID for geographical area	M	n 8	geographical.area.sid
Validity start date of geographical description	M	an 8	validity.start.date

GEOGRAPHICAL AREA DESCRIPTION			geographical.area.description
SID for geographical area description	M	n 8	geographical.area.description.period.sid
Language id	M	a 2	language.id
SID for geographical area	M	n 8	geographical.area.sid
Geographical area id	M	an 4	geographical.area.id
Geographical area name	O	an 500	description

GEOGRAPHICAL AREA MEMBERSHIP			geographical.area.membership
SID for geographical area	M	n 8	geographical.area.sid
SID for geographical area group	M	n 8	geographical.area.group.sid
Validity start date of geographical area membership	M	an 8	validity.start.date
Validity end date of geographical area membership	O	an 8	validity.end.date

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DETAILED MESSAGE DESCRIPTION CATALOGUE	Ref: TAR3-TMES
COMMON DATA STRUCTURE AND ELEMENTS	

3.1.21. Goods nomenclature group

GOODS NOMENCLATURE GROUP			goods.nomenclature.group
Goods nomenclature group type	M	a 1	goods.nomenclature.group.type
Goods nomenclature group id	M	an 6	goods.nomenclature.group.id
Validity start date of goods nomenclature group	M	an 8	validity.start.date
Validity end date of goods nomenclature group	O	an 8	validity.end.date
Nomenclature group facility code	M	an 1	nomenclature.group.facility.code

GOODS NOMENCLATURE GROUP DESCRIPTION			goods.nomenclature.group.description
Nomenclature group type	M	a 1	goods.nomenclature.group.type
Goods nomenclature group id	M	an 6	goods.nomenclature.group.id
Language id	M	a 2	language.id
Short description of nomenclature group	O	an 500	description

3.1.22. Complete abrogation regulation

COMPLETE ABROGATION REGULATION			complete.abrogation.regulation
Complete abrogation regulation role	M	an 1	complete.abrogation.regulation.role
Complete abrogation regulation id	M	an 8	complete.abrogation.regulation.id
Complete abrogation regulation publication date	O	an 8	published.date
Official journal number	O	an 5	officialjournal.number
Official journal page	O	an 4	officialjournal.page
Replacement indicator	M	an 1	replacement.indicator
Information text	O	an 500	information.text
Approved flag	M	an 1	approved.flag

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DETAILED MESSAGE DESCRIPTION CATALOGUE	Ref: TAR3-TMES
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3.1.23. Explicit abrogation

EXPLICIT ABROGATION			explicit.abrogation.regulation
Explicit abrogation regulation role	M	an 1	explicit.abrogation.regulation.role
Explicit abrogation regulation id	M	an 8	explicit.abrogation.regulation.id
Explicit abrogation regulation publication date	O	an 8	published.date
Official journal number	O	an 5	officialjournal.number
Official journal page	O	an 4	officialjournal.page
Replacement indicator	M	an 1	replacement.indicator
Date of abrogation	M	an 8	abrogation.date
Information text	O	an 500	information.text
Approved flag	M	an 1	approved.flag

3.1.24. Base regulation

BASE REGULATION			base.regulation
Base regulation role	M	an 1	base.regulation.role
Base regulation id	M	an 8	base.regulation.id
Base regulation publication date	O	an 8	published.date
Official journal number	O	an 5	officialjournal.number
Official journal page	O	an 4	officialjournal.page
Validity start date of base regulation	M	an 8	validity.start.date
Validity end date of base regulation	O	an 8	validity.end.date
Base regulation effective end date	O	an 8	effective.enddate
Community code	M	an 1	community.code
Regulation group id	M	an 3	regulation.group.id
Anti-dumping regulation role	O	an 1	antidumping.regulation.role
Related anti-dumping regulation id	O	an 8	related.antidumping.regulation.id
Complete abrogation regulation role	O	an 1	complete.abrogation.regulation.role
Complete abrogation regulation id	O	an 8	complete.abrogation.regulation.id
Explicit abrogation role	O	an 1	explicit.abrogation.regulation.role
Explicit abrogation regulation id	O	an 8	explicit.abrogation.regulation.id
Replacement indicator	M	an 1	replacement.indicator
Stopped flag	M	an 1	stopped.flag
Information text	O	an 500	information.text
Approved flag	M	an 1	approved.flag

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DETAILED MESSAGE DESCRIPTION CATALOGUE	Ref: TAR3-TMES
COMMON DATA STRUCTURE AND ELEMENTS	

3.1.25. Modification regulation

MODIFICATION REGULATION			modification.regulation
Modification regulation role	M	an 1	modification.regulation.role
Modification regulation id	M	an 8	modification.regulation.id
Modification regulation publication date	O	an 8	published.date
Official journal number	O	an 5	officialjournal.number
Official journal page	O	an 4	officialjournal.page
Validity start date of modification regulation	M	an 8	validity.start.date
Validity end date of modification regulation	O	an 8	validity.end.date
Modification regulation effective end date	O	an 8	effective.enddate
Base regulation role	M	an 1	base.regulation.role
Base regulation id	M	an 8	base.regulation.id
Complete abrogation regulation role	O	an 1	complete.abrogation.regulation.role
Complete abrogation regulation id	O	an 8	complete.abrogation.regulation.id
Explicit abrogation regulation role	O	an 1	explicit.abrogation.regulation.role
Explicit abrogation regulation id	O	an 8	explicit.abrogation.regulation.id
Replacement indicator	M	an 1	replacement.indicator
Stopped flag	M	an 1	stopped.flag
Information text	O	an 500	information.text
Approved flag	M	an 1	approved.flag

3.1.26. Prorogation regulation

PROROGATION REGULATION			prorogation.regulation
Prorogation regulation role	M	an 1	prorogation.regulation.role
Prorogation regulation id	M	an 8	prorogation.regulation.id
Prorogation regulation publication date	O	an 8	published.date
Official journal number	O	an 5	officialjournal.number
Official journal page	O	an 4	officialjournal.page
Replacement indicator	M	an 1	replacement.indicator
Information text	O	an 500	information.text
Approved flag	M	an 1	approved.flag

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DETAILED MESSAGE DESCRIPTION CATALOGUE	Ref: TAR3-TMES
COMMON DATA STRUCTURE AND ELEMENTS	

PROROGATION REGULATION ACTION			prorogation.regulation.action
Prorogation regulation role	M	an 1	prorogation.regulation.role
Prorogation regulation id	M	an 8	prorogation.regulation.id
Prorogated regulation role	M	an 1	prorogated.regulation.role
Prorogated regulation id	M	an 8	prorogated.regulation.id
Date regulation is prorogated to	O	an 8	extended.date

3.1.27. Full temporary stop regulation

FULL TEMPORARY STOP REGULATION			full.temporary.stop.regulation
Full temporary stop regulation role	M	an 1	full.temporary.stop.regulation.role
Full temporary stop regulation id	M	an 8	full.temporary.stop.regulation.id
Full temporary stop regulation publication date	O	an 8	published.date
Official journal number	O	an 5	officialjournal.number
Official journal page	O	an 4	officialjournal.page
Validity start date of full temporary stop regulation	M	an 8	validity.start.date
Validity start date of full temporary stop regulation	O	an 8	validity.end.date
Effective end date of full temporary stop regulation	O	an 8	effective.enddate
Complete abrogation regulation role	O	an 1	complete.abrogation.regulation.role
Complete abrogation regulation id	O	an 8	complete.abrogation.regulation.id
Explicit abrogation regulation role	O	an 1	explicit.abrogation.regulation.role
Explicit abrogation regulation id	O	an 8	explicit.abrogation.regulation.id
Replacement indicator	M	an 1	replacement.indicator
Information text	O	an 500	information.text
Approved flag	M	an 1	approved.flag

FTS REGULATION ACTION			fts.regulation.action
FTS regulation role	M	an 1	fts.regulation.role
FTS regulation id	M	an 8	fts.regulation.id
Role of stopped regulation	M	an 1	stopped.regulation.role
Stopped regulation id	M	an 8	stopped.regulation.id

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3.1.28. Regulation replacement

REGULATION REPLACEMENT			regulation.replacement
Replacing regulation role	M	an 1	replacing.regulation.role
Replacing regulation id	M	an 8	replacing.regulation.id
Replaced regulation role	M	an 1	replaced.regulation.role
Replaced regulation id	M	an 8	replaced.regulation.id
Measure type id	O	an 6	measure.type.id
Geographical area id	O	an 4	geographical.area.id
Chapter heading	O	an 2	chapter.heading

3.1.29. Meursing table plan

MEURSING TABLE PLAN			meursing.table.plan
Meursing table plan id	M	an 2	meursing.table.plan.id
Validity start date of Meursing table plan	M	an 8	validity.start.date
Validity end date of Meursing table plan	O	an 8	validity.end.date

3.1.30. Meursing heading

MEURSING HEADING			meursing.heading
Meursing table plan id	M	an 2	meursing.table.plan.id
Meursing heading number	M	an 3	meursing.heading.number
Row/column code	M	an 1	row.column.code
Validity start date of Meursing heading	M	an 8	validity.start.date
Validity end date of Meursing heading	O	an 8	validity.end.date

MEURSING HEADING TEXT			meursing.heading.text
Meursing table plan id	M	an 2	meursing.table.plan.id
Meursing table heading number	M	an 3	meursing.heading.number
Row/column code	M	an 1	row.column.code
Language id	M	a 2	language.id
Short description of Meursing heading	O	an 500	description

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FOOTNOTE ASSOCIATION – MEURSING HEADING			footnote.association.meursing.heading
Meursing table plan id	M	an 2	meursing.table.plan.id
Meursing heading number	M	an 3	meursing.heading.number
Meursing row/column code	M	an 1	row.column.code
Footnote type	M	an 3	footnote.type
Footnote id	M	an 5	footnote.id
Start of validity of association between Meursing heading and footnote	M	an 8	validity.start.date
Validity end date of association between Meursing heading and footnote	O	an 8	validity.end.date

3.1.31. Meursing subheading

MEURSING SUBHEADING			meursing.subheading
Meursing table plan id	M	an 2	meursing.table.plan.id
Meursing heading number	M	an 3	meursing.heading.number
Meursing row/column code	M	an 1	row.column.code
Meursing subheading sequence number	M	an 4	subheading.sequence.number
Validity start date of Meursing subheading	M	an 8	validity.start.date
Validity end date Meursing subheading	O	an 8	validity.end.date
Short description of Meursing subheading	O	an 500	description

3.1.32. Meursing additional code

MEURSING ADDITIONAL CODE			meursing.additional.code
SID for Meursing additional code	M	n 8	meursing.additional.code.sid
Validity end date of Meursing additional code	O	an 8	validity.end.date
Meursing additional code	M	an 3	additional.code
Validity start date of Meursing additional code	M	an 8	validity.start.date

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MEURSING TABLE CELL COMPONENT			meursing.table.cell.component
SID for Meursing additional code	M	n 8	meursing.additional.code.sid
Meursing table plan id	M	an 2	meursing.table.plan.id
Meursing heading number	M	an 3	heading.number
Meursing row/column code	M	an 1	row.column.code
Meursing subheading sequence number	M	an 4	subheading.sequence.number
Validity start date of Meursing table cell component	M	an 8	validity.start.date
Validity end date of Meursing table cell component	O	an 8	validity.end.date
Meursing additional code	M	an 3	additional.code

3.1.33. Measure condition code

MEASURE CONDITION CODE			measure.condition.code
Condition code	M	an 2	condition.code
Validity start date	M	an 8	validity.start.date
Validity end date	O	an 8	validity.end.date

MEASURE CONDITION DESCRIPTION			measure.condition.code.description
Condition code	M	an 2	condition.code
Language id	M	a 2	language.id
Short description of measure condition	O	an 500	description

3.1.34. Measure action

MEASURE ACTION			measure.action
Action code	M	an 3	action.code
Validity start date	M	an 8	validity.start.date
Validity end date	O	an 8	validity.end.date

MEASURE ACTION DESCRIPTION			measure.action.description
Action code	M	an 3	action.code
Language id	M	a 2	language.id
Short description of measurer action	O	an 500	description

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3.1.35. Quota order number

QUOTA ORDER NUMBER			quota.order.number
Quota order number SID	M	n 8	quota.order.number.sid
Quota order number id	M	an 6	quota.order.number.id
Validity start date	M	an 8	validity.start.date
Validity end date	O	an 8	validity.end.date

QUOTA ORDER NUMBER ORIGIN			quota.order.number.origin
Quota order number origin SID	M	n 8	quota.order.number.origin.sid
Quota order number SID	M	n 8	quota.order.number.sid
Geographical area id	M	an 4	geographical.area.id
Validity start date	M	an 8	validity.start.date
Validity end date	O	an 8	validity.end.date
SID for geographical area	O	n 8	geographical.area.sid

QUOTA ORDER NUMBER ORIGIN EXCLUSIONS			quota.order.number.origin.exclusions
Quota order number origin SID	M	n 8	quota.order.number.origin.sid
Excluded geographical area SID	M	n 8	excluded.geographical.area.sid

3.1.36. Quota definition

QUOTA DEFINITION			quota.definition
Quota definition SID	M	n 8	quota.definition.sid
Quota order number id	M	an 6	quota.order.number.id
Validity start date	M	an 8	validity.start.date
Quota order number SID	M	n 8	quota.order.number.sid
Validity.end.date	O	an 8	validity.end.date
Volume	M	n 14(3)	volume
Initial volume	O	n 14(3)	initial.volume
Monetary unit code	O	a 3	monetary.unit.code
Measurement unit code	O	a 3	measurement.unit.code
Measurement unit qualifier code	O	a 1	measurement.unit.qualifier.code
Maximum precision	M	n 1	maximum.precision
Quora critical state	M	an 1	quota.critical.state
Quota critical threshold	M	n 3	quota.critical.threshold
Short description	O	an 500	description

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QUOTA ASSOCIATION			quota.association
Quota definition SID (main-quota)	M	n 8	main.quota.definition.sid
Quota definition SID (sub-quota)	M	n 8	sub.quota.definition.sid
Sub-Quota Relation Type	M	an 2	relation.type
Coefficient	O	n 16(5)	coefficient

QUOTA BLOCKING PERIOD			quota.blocking.period
Quota blocking period SID	M	n 8	quota.blocking.period.sid
SID for quota definition	M	n 8	quota.definition.sid
Blocking start date	M	an 8	blocking.start.date
Blocking end date	M	an 8	blocking.end.date
Blocking period type	M	n 1	blocking.period.type
Short description	O	an 500	description

QUOTA SUSPENSION PERIOD			quota.suspension.period
Quota suspension period SID	M	n 8	quota.suspension.period.sid
Quota definition SID	M	n 8	quota.definition.sid
Suspension start date	M	an 8	suspension.start.date
Suspension end date	M	an 8	suspension.end.date
Short description	O	an 500	description

EXTENDED QUOTA INFORMATION			quota.extended. information
Quota definition SID	M	n 8	quota.definition.sid
Balance	M	n 14(3)	balance
Imported amount	M	n 14(3)	imported.amount
Last allocation date	O	an 8	last.allocation.date
Allocated percentage	O	n 6(3)	allocated.percentage
Last import date	O	an 8	last.import.date
Quota exhaustion state	M	an 1	quota.exhaustion.state
Exhaustion date	O	an 8	exhaustion.date
Quota blocked state	M	an 1	quota.blocked.state
Quota suspended state	M	an 1	quota.suspended.state
Total awaiting allocation	M	n 14(3)	total.awaiting.allocation

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3.1.37. Quota event

QUOTA BALANCE EVENT			quota.balance.event
Quota definition SID	M	n 8	quota.definition.sid
Quota event occurrence timestamp	M	an 14	occurrence.timestamp
Old balance	M	n 14(3)	old.balance
New balance	M	n 14(3)	new.balance
Imported amount	M	n 14(3)	imported.amount
Last import date in allocation	O	an 8	last.import.date.in.allocation

QUOTA UNBLOCKING EVENT			quota.unblocking.event
Quota definition SID	M	n 8	quota.definition.sid
Quota event occurrence timestamp	M	an 14	occurrence.timestamp
Unblocking date	M	an 8	unblocking.date

QUOTA CRITICAL EVENT			quota.critical.event
Quota definition SID	M	n 8	quota.definition.sid
Quota event occurrence timestamp	M	an 14	occurrence.timestamp
Quota critical State	M	an 1	critical.state
Critical state change date	O	an 8	critical.state.change.date

QUOTA EXHAUSTION EVENT			quota.exhaustion.event
Quota definition SID	M	n 8	quota.definition.sid
Quota event occurrence timestamp	M	an 14	occurrence.timestamp
Exhaustion date	M	an 8	exhaustion.date

QUOTA REOPENING EVENT			quota.reopening.event
Quota definition SID	M	n 8	quota.definition.sid
Quota event occurrence timestamp	M	an 14	occurrence.timestamp
Reopening date	M	an 8	reopening.date

QUOTA UNSUSPENSION EVENT			quota.unsuspension.event
Quota definition SID	M	n 8	quota.definition.sid
Quota event occurrence timestamp	M	an 14	occurrence.timestamp
Unsuspension date	M	an 8	unsuspension.date

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QUOTA CLOSED AND TRANSFERRED EVENT			quota.closed.and.transferred.event
Quota definition SID	M	n 8	quota.definition.sid
Occurrence timestamp	M	an 14	occurrence.timestamp
Closing date	M	an 8	closing.date
Transferred amount	M	n 14(3)	transferred.amount
Target quota definition SID	M	n 6	target.quota.definition.sid

3.1.38. Ceiling

CEILING			ceiling
Surveillance number	M	an 6	surveillance.number
Validity start date	M	an 8	validity.start.date
Validity end date	O	an 8	validity.end.date
Ceiling reached date	M	an 8	ceiling.reached.date

3.1.39. Goods nomenclature

GOODS NOMENCLATURE			goods.nomenclature
SID for goods nomenclature item	M	n 8	goods.nomenclature.sid
Goods nomenclature item id	M	an 10	goods.nomenclature.item.id
Product line suffix	M	an 2	productline.suffix
Validity start date of goods nomenclature item	M	an 8	validity.start.date
Validity end date of goods nomenclature item	O	an 8	validity.end.date
Statistical/non statistical indicator	M	an 1	statistical.indicator

GOODS NOMENCLATURE INDENT			goods.nomenclature.indent
SID for goods nomenclature indent	M	n 8	goods.nomenclature.indent.sid
SID for goods nomenclature item	M	n 8	goods.nomenclature.sid
Validity start date of goods nomenclature indent	M	an 8	validity.start.date
Number of indents	M	an 2	number.indents
Goods nomenclature item id (product code)	M	an 10	goods.nomenclature.item.id
Product line suffix	M	an 2	productline.suffix

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications		
DETAILED MESSAGE DESCRIPTION CATALOGUE		Ref: TAR3-TMES
COMMON DATA STRUCTURE AND ELEMENTS		

GOODS NOMENCLATURE DESCRIPTION PERIOD			goods.nomenclature.description.period
SID for goods nomenclature description	M	n 8	goods.nomenclature.description.period.sid
SID for goods nomenclature item	M	n 8	goods.nomenclature.sid
Validity start date of goods nomenclature description	M	an 8	validity.start.date
Goods nomenclature item id	M	an 10	goods.nomenclature.item.id
Product line suffix	M	an 2	productline.suffix

GOODS NOMENCLATURE DESCRIPTION			goods.nomenclature.description
SID for goods nomenclature description	M	n 8	goods.nomenclature.description.period.sid
Language id	M	a 2	language.id
SID for goods nomenclature item	M	n 8	goods.nomenclature.sid
Goods nomenclature item id	M	an 10	goods.nomenclature.item.id
Product line suffix	M	an 2	productline.suffix
Long description for goods nomenclature	O	an ..	description

FOOTNOTE ASSOCIATION – GOODS NOMENCLATURE			footnote.association.goods.nomenclature
SID for goods nomenclature item	M	n 8	goods.nomenclature.sid
Footnote type	M	an 3	footnote.type
Footnote id	M	an 5	footnote.id
Validity start date of association between goods nomenclature item and footnote	M	an 8	validity.start.date
Validity end date of association between goods nomenclature item and footnote	O	an 8	validity.end.date
Goods nomenclature item id	M	an 10	goods.nomenclature.item.id
Product line suffix	M	an 2	productline.suffix

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
DETAILED MESSAGE DESCRIPTION CATALOGUE	Ref: TAR3-TMES
COMMON DATA STRUCTURE AND ELEMENTS	

NOMENCLATURE GROUP MEMBERSHIP			nomenclature.group.membership
SID for goods nomenclature	M	n 8	goods.nomenclature.sid
Nomenclature group type	M	a 1	goods.nomenclature.group.type
Goods nomenclature group	M	an 6	goods.nomenclature.group.id
Validity start date of membership of goods nomenclature group	M	an 8	validity.start.date
Validity end date of membership of goods nomenclature group	O	an 8	validity.end.date
Goods nomenclature item id	M	an 10	goods.nomenclature.item.id
Product line suffix	M	an 2	productline.suffix

GOODS NOMENCLATURE ORIGIN			goods.nomenclature.origin
SID for goods nomenclature item	M	n 8	goods.nomenclature.sid
"Derived from" goods nomenclature item	M	an 10	derived.goods.nomenclature.item.id
"Derived from" product line suffix	M	an 2	derived.productline.suffix
Goods nomenclature item id	M	an 10	goods.nomenclature.item.id
Product line suffix	M	an 2	productline.suffix

GOODS NOMENCLATURE SUCCESSOR			goods.nomenclature.successor
SID for goods nomenclature item	M	n 8	goods.nomenclature.sid
"Absorbed by" goods nomenclature item	M	an 10	absorbed.goods.nomenclature.item.id
"Absorbed by" product line suffix	M	an 2	absorbed.productline.suffix
Goods nomenclature item id	M	an 10	goods.nomenclature.item.id
Product line suffix	M	an 2	productline.suffix

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
DETAILED MESSAGE DESCRIPTION CATALOGUE	Ref: TAR3-TMES
COMMON DATA STRUCTURE AND ELEMENTS	

3.1.40. Export refund nomenclature

EXPORT REFUND NOMENCLATURE			export.refund.nomenclature
SID for export refund nomenclature	M	n 8	export.refund.nomenclature.sid
Goods nomenclature item id	M	an 10	goods.nomenclature.item.id
Additional code type	M	an 1	additional.code.type
Export refund code	M	an 3	export.refund.code
Product line suffix	M	an 2	productline.suffix
Validity start date of export refund nomenclature	M	an 8	validity.start.date
Validity end date of export refund nomenclature	O	an 8	validity.end.date
SID for goods nomenclature	M	n 8	goods.nomenclature.sid

EXPORT REFUND NOMENCLATURE INDENT			export.refund.nomenclature.indents
SID for export refund nomenclature indents	M	n 8	export.refund.nomenclature.indents.sid
SID for export refund nomenclature	M	n 8	export.refund.nomenclature.sid
Validity start date of export refund nomenclature indent	M	an 8	validity.start.date
Number of export refund nomenclature indents	M	an 2	number.export.refund.nomenclature.indent
Goods nomenclature item id	M	an 10	goods.nomenclature.item.id
Additional code type	M	an 1	additional.code.type
Export refund code	M	an 3	export.refund.code
Product line suffix	M	an 2	productline.suffix

EXPORT REFUND NOMENCLATURE DESCRIPTION PERIOD			export.refund.nomenclature.description.period
SID for export refund nomenclature description	M	n 8	export.refund.nomenclature.description.period.sid
SID for export refund nomenclature	M	n 8	export.refund.nomenclature.sid
Validity start date of export refund nomenclature description	M	an 8	validity.start.date
Goods nomenclature item id	M	an 10	goods.nomenclature.item.id
Additional code type	M	an 1	additional.code.type
Export refund code	M	an 3	export.refund.code
Product line suffix	M	an 2	productline.suffix

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
DETAILED MESSAGE DESCRIPTION CATALOGUE	Ref: TAR3-TMES
COMMON DATA STRUCTURE AND ELEMENTS	

EXPORT REFUND NOMENCLATURE DESCRIPTION			export.refund.nomenclature.description
SID for export refund nomenclature description	M	n 8	export.refund.nomenclature.description.period.sid
Language id	M	a 2	language.id
SID for export refund nomenclature	M	n 8	export.refund.nomenclature.sid
Goods nomenclature item id	M	an 10	goods.nomenclature.item.id
Additional code type	M	an 1	additional.code.type
Export refund code	M	an 3	export.refund.code
Product line suffix	M	an 2	productline.suffix
Long description of export refund nomenclature	O	an ..	description

FOOTNOTE ASSOCIATION – ERN			footnote.association.ern
SID for export refund nomenclature	M	n 8	export.refund.nomenclature.sid
Footnote type	M	an 3	footnote.type
Footnote id	M	an 5	footnote.id
Validity start date of association between export refund nomenclature and footnote	M	an 8	validity.start.date
Validity end date of association between export refund nomenclature and footnote	O	an 8	validity.end.date
Goods nomenclature item id	M	an 10	goods.nomenclature.item.id
Additional code type	M	an 1	additional.code.type
Export refund code	M	an 3	export.refund.code
Product line suffix	M	an 2	productline.suffix

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
DETAILED MESSAGE DESCRIPTION CATALOGUE	Ref: TAR3-TMES
COMMON DATA STRUCTURE AND ELEMENTS	

3.1.41. Measure

MEASURE			measure
SID for measure	M	n 8	measure.sid
Measure type	M	an 6	measure.type
Geographical area	M	an 4	geographical.area
Goods nomenclature item id	O	an 10	goods.nomenclature.item.id
Additional code type	O	an 1	additional.code.type
Additional code	O	an 3	additional.code
Order number	O	an 6	order.number
Reduction indicator	O	n 1	Reduction.indicator
Validity start date of measure	M	an 8	validity.start.date
Role of measure-generating regulation	M	an 1	measure.generating.regulation.role
Id of measure-generating regulation	M	an 8	measure.generating.regulation.id
Validity end date of measure	O	an 8	validity.end.date
Role of justification regulation	O	an 1	justification.regulation.role
Id of Justification regulation	O	an 8	justification.regulation.id
Stopped flag	M	an 1	stopped.flag
SID for geographical area	O	n 8	geographical.area.sid
SID for goods nomenclature	O	n 8	goods.nomenclature.sid
SID for additional code	O	n 8	additional.code.sid
SID for export refund nomenclature	O	n 8	export.refund.nomenclature.sid

MEASURE COMPONENT			measure.component
SID for measure	M	n 8	measure.sid
Duty expression id	M	an 2	duty.expression.id
Duty amount	O	n 10(3)	duty.amount
Monetary unit code	O	a 3	monetary.unit.code
Measurement unit code	O	a 3	measurement.unit.code
Measurement unit qualifier code	O	a 1	measurement.unit.qualifier.code

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
DETAILED MESSAGE DESCRIPTION CATALOGUE	Ref: TAR3-TMES
COMMON DATA STRUCTURE AND ELEMENTS	

MEASURE CONDITION			measure.condition
SID for measure condition	M	n 8	measure.condition.sid
SID for measure	M	n 8	measure.sid
Condition code	M	an 2	condition.code
Component sequence number	M	an 3	component.sequence.number
Condition duty amount	O	n 10(3)	condition.duty.amount
Condition monetary unit code	O	a 3	condition.monetary.unit.code
Condition measurement unit code	O	a 3	condition.measurement.unit.code
Condition measurement unit qualifier code	O	a 1	condition.measurement.unit.qualifier.code
Action code	O	an 3	action.code
Certificate type code	O	an 1	certificate.type.code
Certificate code	O	an 3	certificate.code

MEASURE CONDITION COMPONENT			measure.condition.component
SID for measure condition	M	n 8	measure.condition.sid
Duty Expression id	M	an 2	duty.expression.id
Duty amount	O	n 10(3)	duty.amount
Monetary unit code	O	a 3	monetary.unit.code
Measurement unit code	O	a 3	measurement.unit.code
Measurement unit qualifier code	O	a 1	measurement.unit.qualifier.code

MEASURE EXCLUDED GEOGRAPHICAL AREA			measure.excluded.geographical.area
SID for measure	M	n 8	measure.sid
Excluded geographical area	M	an 4	excluded.geographical.area
SID for geographical area	O	n 8	geographical.area.sid

FOOTNOTE ASSOCIATION – MEASURE			footnote.association.measure
SID for measure	M	n 8	measure.sid
Footnote type id	M	a 3	footnote.type.id
Footnote id	M	an 5	footnote.id

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
DETAILED MESSAGE DESCRIPTION CATALOGUE	Ref: TAR3-TMES
COMMON DATA STRUCTURE AND ELEMENTS	

MEASURE PARTIAL TEMPORARY STOP			measure.partial.temporary.stop
SID for measure	M	n 8	measure.sid
Start date of partial temporary stop	M	an 8	validity.start.date
End date of partial temporary stop	O	an 8	validity.end.date
Partial temporary stop regulation id	M	an 8	partial.temporary.stop.regulation.id
Official journal number of partial temporary stop regulation	O	an 5	partial.temporary.stop.regulation.officialjournal.number
Official journal page of partial temporary stop regulation	O	an 4	partial.temporary.stop.regulation.officialjournal.page
Abrogation regulation id	O	an 8	abrogation.regulation.id
Official journal number of abrogation regulation	O	an 5	abrogation.regulation.officialjournal.number
Official journal page of abrogation regulation	O	an 4	abrogation.regulation.officialjournal.page

3.1.42. Monetary exchange

MONETARY EXCHANGE PERIOD			monetary.exchange.period
SID for exchange period	M	n 8	monetary.exchange.period.sid
'Parent' monetary unit code	M	a 3	parent.monetary.unit.code
Start date of exchange period	M	an 8	validity.start.date
End date of exchange period	O	an 8	validity.end.date

MONETARY EXCHANGE RATE			monetary.exchange.rate
SID for exchange period	M	n 8	monetary.exchange.period.sid
'Child' monetary unit code	M	a 3	child.monetary.unit.code
Exchange rate	M	n 16(8)	exchange.rate

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
DATA DICTIONARY FOR TECHNICAL ELEMENTS AND ATTRIBUTES	Ref: TAR3-TMES
MESSAGE “TRANSMISSION”	

4. DATA DICTIONARY FOR TECHNICAL ELEMENTS AND ATTRIBUTES

This chapter contains the definition of the transmission element required to implement the information exchange scenarios at the technical level.

4.1. Message “Transmission”

TRANSMISSION		transmission
RECORD	1..N	<i>transaction/record</i>
DATA RECORD	1..1	

RECORD			<i>Record</i>
Transaction identifier	M	n 10	<i>transaction.id</i>
Record code	M	an 3	<i>record.code</i>
Sub record code	M	an 2	<i>subrecord.code</i>
Record sequence number	M	n 8	<i>record.sequence.number</i>
Update type	M	an 1	<i>update.type</i>

The *data record* points to one of the messages defined in “3.1 Common data structure and elements”.

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
XML SCHEMAS	Ref: TAR3-TMES
ENVELOPE SCHEMA	

5. XML SCHEMAS

5.1. Envelope schema

The schema for message envelope can be found in annex 1. The envelope schema is common to all applications of the Commission.

The application schema message element must extend the *abstract.message* element.

5.2. XML Namespace Schema

The XML namespace schema is a standard W3C schema that defines the *xml:lang* attribute. This schema can be found in **0** (the original can be found at <http://www.w3.org/2001/03/xml.xsd>).

5.3. TARIC-3 messages schema

The schema defines the TARIC-3 messages, described in [[TAR3-FMES](#)]. It can be found in annex 2.

The following table lists the headers that must be present in a transfer message envelope.

Element	Header	Meaning
envelope	Version	Indicates the TARIC-3 interface specification version.
	From	Uniquely identifies the sending party (the TARIC3 system)

Table 1: Required headers of a transfer or query message

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
MESSAGE SAMPLES	Ref: TAR3-TMES
MEASURE	

6. MESSAGE SAMPLES

This chapter contains some message samples of the information exchanges.

6.1. Measure

```
<?xml version="1.0" encoding="UTF-8"?>
<env:envelope xmlns="urn:publicid:-:DGTAXUD:TARIC:MESSAGE:1.0" xmlns:env="urn:publicid:-:DGTAXUD:GENERAL:ENVELOPE:1.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:publicid:-:DGTAXUD:TARIC:MESSAGE:1.0
L:\TARIC3\doc\B_Development\B_Design_Phase\Technical_Specification\Technical_Message_Exchange_Specifi
cation\IDS\taric3.xsd" id="1">
  <env:transaction id="1">
    <env:app.message id="1">
      <transmission>
        <record>
          <transaction.id>8330931</transaction.id>
          <record.code>430</record.code>
          <subrecord.code>00</subrecord.code>
          <record.sequence.number>1</record.sequence.number>
          <update.type>2</update.type>
          <measure>
            <measure.sid>2917018</measure.sid>
            <measure.type>142</measure.type>
            <geographical.area>1011</geographical.area>
            <goods.nomenclature.item.id>010100000</goods.nomenclature.item.id>
            <validity.start.date>2006-07-01</validity.start.date>
            <measure.generating.regulation.role>1</measure.generating.regulation.role>
            <measure.generating.regulation.id>R0000002</measure.generating.regulation.id>
            <validity.end.date>2007-01-01</validity.end.date>
            <justification.regulation.role>1</justification.regulation.role>
            <justification.regulation.id>R0000002</justification.regulation.id>
            <stopped.flag>0</stopped.flag>
            <geographical.area.sid>12564</geographical.area.sid>
            <goods.nomenclature.sid>27624</goods.nomenclature.sid>
          </measure>
        </record>
      </transmission>
    </env:app.message>
    <env:app.message id="2">
      <transmission>
        <record>
          <transaction.id>8330931</transaction.id>
          <record.code>430</record.code>
          <subrecord.code>05</subrecord.code>
          <record.sequence.number>2</record.sequence.number>
          <update.type>2</update.type>
          <measure.component>
            <measure.sid>917018</measure.sid>
            <duty.expression.id>01</duty.expression.id>
            <duty.amount>1.000</duty.amount>
            <monetary.unit.code>EUR</monetary.unit.code>
            <measurement.unit.code>KGM</measurement.unit.code>
          </measure.component>
        </record>
      </transmission>
    </env:app.message>
  </env:transaction>
</env:envelope>
```

6.2. Base regulation

```
<?xml version="1.0" encoding="UTF-8"?>
<env:envelope xmlns="urn:publicid:-:DGTAXUD:TARIC:MESSAGE:1.0" xmlns:env="urn:publicid:-:DGTAXUD:GENERAL:ENVELOPE:1.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:publicid:-:DGTAXUD:TARIC:MESSAGE:1.0 taric3.xsd" id="1">
```

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
MESSAGE SAMPLES	Ref: TAR3-TMES
FOOTNOTES	

```

<env:transaction id="1">
  <env:app.message id="1">
    <transmission>
      <record>
        <transaction.id>8330938</transaction.id>
        <record.code>285</record.code>
        <subrecord.code>00</subrecord.code>
        <record.sequence.number>1</record.sequence.number>
        <update.type>3</update.type>
        <base.regulation>
          <base.regulation.role>1</base.regulation.role>
          <base.regulation.id>R0000001</base.regulation.id>
          <published.date>2001-06-01</published.date>
          <officialjournal.number>1</officialjournal.number>
          <officialjournal.page>1</officialjournal.page>
          <validity.start.date>2001-07-01</validity.start.date>
          <community.code>1</community.code>
          <regulation.group.id>PRF</regulation.group.id>
          <replacement.indicator>0</replacement.indicator>
          <stopped.flag>0</stopped.flag>
          <approved.flag>1</approved.flag>
        </base.regulation>
      </record>
    </transmission>
  </env:app.message>
</env:transaction>
</env:envelope>

```

6.3. Footnotes

```

<?xml version="1.0" encoding="UTF-8"?>
<env:envelope xmlns="urn:publicid-:DGTAXUD:TARIC:MESSAGE:1.0" xmlns:env="urn:publicid-:DGTAXUD:GENERAL:ENVELOPE:1.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:publicid-:DGTAXUD:TARIC:MESSAGE:1.0
L:\TARIC3\doc\B_Development\B_Design_Phase\Technical_Specification\Technical_Message_Exchange_Specification\IDS\taric3.xsd" id="1">
  <env:transaction id="1">
    <env:app.message id="1">
      <transmission>
        <record>
          <transaction.id>8330955</transaction.id>
          <record.code>200</record.code>
          <subrecord.code>00</subrecord.code>
          <record.sequence.number>1</record.sequence.number>
          <update.type>3</update.type>
          <footnote>
            <footnote.type.id>WR</footnote.type.id>
            <footnote.id>00999</footnote.id>
            <validity.start.date>2007-01-01</validity.start.date>
          </footnote>
        </record>
      </transmission>
    </env:app.message>
  <env:app.message id="2">
    <transmission>
      <record>
        <transaction.id>8330955</transaction.id>
        <record.code>200</record.code>
        <subrecord.code>05</subrecord.code>
        <record.sequence.number>2</record.sequence.number>
        <update.type>3</update.type>
        <footnote.description.period>
          <sid>93373</sid>
          <footnote.type.id>WR</footnote.type.id>
          <footnote.id>00999</footnote.id>
          <validity.start.date>2007-01-01</validity.start.date>
        </footnote.description.period>
      </record>
    </transmission>
  </env:app.message>
</env:transaction>
</env:envelope>

```

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
MESSAGE SAMPLES	Ref: TAR3-TMES
FOOTNOTES	

```

    </transmission>
  </env:app.message>
  <env:app.message id="3">
    <transmission>
      <record>
        <transaction.id>8330955</transaction.id>
        <record.code>200</record.code>
        <subrecord.code>10</subrecord.code>
        <record.sequence.number>3</record.sequence.number>
        <update.type>3</update.type>
        <footnote.description>
          <footnote.description.period.sid>93373</footnote.description.period.sid>
          <language.id>FR</language.id>
          <footnote.type.id>WR</footnote.type.id>
          <footnote.id>00999</footnote.id>
          <description>Subordonnée aux limites et conditions à déterminer</description>
        </footnote.description>
      </record>
    </transmission>
  </env:app.message>
  <env:app.message id="4">
    <transmission>
      <record>
        <transaction.id>8330955</transaction.id>
        <record.code>200</record.code>
        <subrecord.code>10</subrecord.code>
        <record.sequence.number>4</record.sequence.number>
        <update.type>3</update.type>
        <footnote.description>
          <footnote.description.period.sid>93373</footnote.description.period.sid>
          <language.id>NL</language.id>
          <footnote.type.id>WR</footnote.type.id>
          <footnote.id>00999</footnote.id>
          <description>Onderworpen aan de beperkingen, voorwaarden en
bepalingen</description>
        </footnote.description>
      </record>
    </transmission>
  </env:app.message>
</env:transaction>
</env:envelope>

```

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
ANNEX 1: ENVELOPE SCHEMA	Ref: TAR3-TMES
FOOTNOTES	

ANNEX 1: ENVELOPE SCHEMA

```

<?xml version="1.0" encoding="UTF-8"?>
<xs:schema targetNamespace="urn:publicid-:DGTAXUD:GENERAL:ENVELOPE:1.0"
  xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns="urn:publicid-:DGTAXUD:GENERAL:ENVELOPE:1.0"
  elementFormDefault="qualified" attributeFormDefault="unqualified">
  <xs:element name="envelope">
    <xs:annotation>
      <xs:documentation>Message envelope</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="header" type="Header" minOccurs="0" maxOccurs="unbounded"/>
        <xs:element name="transaction" maxOccurs="unbounded">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="header" type="Header" minOccurs="0" maxOccurs="unbounded"/>
              <xs:element ref="status" minOccurs="0"/>
              <xs:element name="app.message" minOccurs="0" maxOccurs="unbounded">
                <xs:complexType>
                  <xs:sequence>
                    <xs:element ref="abstract.message"/>
                  </xs:sequence>
                  <xs:attribute name="id" type="xs:string" use="required"/>
                </xs:complexType>
              </xs:element>
            </xs:sequence>
            <xs:attribute name="id" type="xs:string" use="required"/>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
      <xs:attribute name="id" type="xs:string" use="required"/>
    </xs:complexType>
  </xs:element>
  <xs:complexType name="Header">
    <xs:attribute name="name" type="xs:string" use="required"/>
    <xs:attribute name="value" type="xs:string" use="required"/>
  </xs:complexType>
  <xs:simpleType name="MMIMessageType">
    <xs:restriction base="xs:string">
      <xs:maxLength value="500"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:element name="abstract.message" abstract="true"/>
  <xs:element name="abstract.ref" abstract="true"/>
  <xs:element name="status">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="mmi.message" type="MMIMessageType" minOccurs="0"/>
        <xs:element name="status.detail" minOccurs="0" maxOccurs="unbounded">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="business.ref" minOccurs="0">
                <xs:complexType>
                  <xs:sequence>
                    <xs:element ref="abstract.ref"/>
                  </xs:sequence>
                </xs:complexType>
              </xs:element>
              <xs:element name="binary" minOccurs="0">
                <xs:complexType>
                  <xs:simpleContent>
                    <xs:extension base="xs:string">
                      <xs:attribute name="mime.type" type="xs:string" default="application/octet-stream"/>
                    </xs:extension>
                  </xs:simpleContent>
                </xs:complexType>
              </xs:element>
            </xs:sequence>
            <xs:element name="mmi.message" type="MMIMessageType" minOccurs="0"/>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
      <xs:attribute name="category" use="required"/>
    </xs:complexType>
  </xs:element>

```

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
ANNEX 1: ENVELOPE SCHEMA	Ref: TAR3-TMES
FOOTNOTES	

```

<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:enumeration value="error"/>
    <xs:enumeration value="info"/>
    <xs:enumeration value="warning"/>
  </xs:restriction>
</xs:simpleType>
</xs:attribute>
<xs:attribute name="location" type="xs:string" use="required"/>
<xs:attribute name="code" type="xs:NMTOKEN" use="required"/>
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="category" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="ok"/>
      <xs:enumeration value="error"/>
      <xs:enumeration value="rejected"/>
      <xs:enumeration value="warning"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
<xs:attribute name="location" type="xs:string" use="required"/>
</xs:complexType>
</xs:element>
</xs:schema>

```

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
ANNEX 1: ENVELOPE SCHEMA	Ref: TAR3-TMES
FOOTNOTES	

ANNEX 2: XML NAMESPACE SCHEMA

```
<?xml version="1.0"?>
<xs:schema targetNamespace="http://www.w3.org/XML/1998/namespace"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xml:lang="en">
  <xs:annotation>
    <xs:documentation>
      See http://www.w3.org/XML/1998/namespace.html and
      http://www.w3.org/TR/REC-xml for information about this namespace.
    </xs:documentation>
  </xs:annotation>
  <xs:annotation>
    <xs:documentation>This schema defines attributes and an attribute group
      suitable for use by
      schemas wishing to allow xml:base, xml:lang or xml:space attributes
      on elements they define.

      To enable this, such a schema must import this schema
      for the XML namespace, e.g. as follows:
      &lt;schema . . . >
        . . .
        &lt;import namespace="http://www.w3.org/XML/1998/namespace"
          schemaLocation="http://www.w3.org/2001/03/xml.xsd"/>

      Subsequently, qualified reference to any of the attributes
      or the group defined below will have the desired effect, e.g.

      &lt;type . . . >
        . . .
        &lt;attributeGroup ref="xml:specialAttrs"/>

      will define a type which will schema-validate an instance
      element with any of those attributes</xs:documentation>
  </xs:annotation>
  <xs:annotation>
    <xs:documentation>In keeping with the XML Schema WG's standard versioning
      policy, this schema document will persist at
      http://www.w3.org/2001/03/xml.xsd.
      At the date of issue it can also be found at
      http://www.w3.org/2001/xml.xsd.
      The schema document at that URI may however change in the future,
      in order to remain compatible with the latest version of XML Schema
      itself. In other words, if the XML Schema namespace changes, the version
      of this document at
      http://www.w3.org/2001/xml.xsd will change
      accordingly; the version at
      http://www.w3.org/2001/03/xml.xsd will not change.
    </xs:documentation>
  </xs:annotation>
  <xs:attribute name="lang" type="xs:language">
    <xs:annotation>
      <xs:documentation>In due course, we should install the relevant ISO 2- and 3-letter
        codes as the enumerated possible values . . .</xs:documentation>
    </xs:annotation>
  </xs:attribute>
  <xs:attribute name="space" default="preserve">
    <xs:simpleType>
      <xs:restriction base="xs:NCName">
        <xs:enumeration value="default"/>
        <xs:enumeration value="preserve"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:attribute>
  <xs:attribute name="base" type="xs:anyURI">
    <xs:annotation>
      <xs:documentation>See http://www.w3.org/TR/xmlbase/ for
        information about this attribute.</xs:documentation>
    </xs:annotation>
  </xs:attribute>
  <xs:attributeGroup name="specialAttrs">
    <xs:attribute ref="xml:base"/>
  </xs:attributeGroup>
</xs:schema>
```


TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
ANNEX 1: ENVELOPE SCHEMA	Ref: TAR3-TMES
FOOTNOTES	

```

<xs:attribute ref="xml:lang"/>
<xs:attribute ref="xml:space"/>
</xs:attributeGroup>
</xs:schema>

```

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
ANNEX 3: TARIC-3 PUBLIC SCHEMA	Ref: TAR3-TMES
FOOTNOTES	

ANNEX 3: TARIC-3 PUBLIC SCHEMA

```

<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns="urn:publicid-:DGTAXUD:TARIC:MESSAGE:1.0" xmlns:xs="http://www.w3.org/2001/XMLSchema"
  xmlns:envelope="urn:publicid-:DGTAXUD:GENERAL:ENVELOPE:1.0"
  xmlns:xml="http://www.w3.org/XML/1998/namespace" targetNamespace="urn:publicid-:DGTAXUD:TARIC:MESSAGE:1.0" elementFormDefault="qualified" attributeFormDefault="unqualified">
  <xs:import namespace="http://www.w3.org/XML/1998/namespace" schemaLocation="xml.xsd">
    <xs:annotation>
      <xs:documentation>Get access to the xml: attribute groups for xml:lang as declared on
        &apos;schema&apos; and &apos;documentation&apos;
        below</xs:documentation>
    </xs:annotation>
  </xs:import>
  <xs:import namespace="urn:publicid-:DGTAXUD:GENERAL:ENVELOPE:1.0" schemaLocation="envelope.xsd"/>
  <!-- Technical data -->
  <xs:simpleType name="RecordCode">
    <xs:restriction base="xs:string">
      <xs:pattern value="\d\d"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="RecordSequenceNumber">
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="1"/>
      <xs:maxInclusive value="999999999"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="SubRecordCode">
    <xs:restriction base="xs:string">
      <xs:pattern value="\d\d"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="TransactionId">
    <xs:restriction base="xs:int">
      <xs:minInclusive value="1"/>
      <xs:maxInclusive value="999999999"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="UpdateType">
    <xs:restriction base="xs:string">
      <xs:annotation>
        <xs:documentation>1-Update, 2-Delete, 3-Insert</xs:documentation>
      </xs:annotation>
      <xs:length value="1"/>
      <xs:enumeration value="1">
        <xs:annotation>
          <xs:documentation>Update</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="2">
        <xs:annotation>
          <xs:documentation>Delete</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="3">
        <xs:annotation>
          <xs:documentation>Insert</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
  <!-- Technical elements -->
  <xs:element name="abstract.record" abstract="true"/>
  <xs:element name="transmission" substitutionGroup="envelope:abstract.message">
    <xs:annotation>
      <xs:documentation>Contains a transmission</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="record">
          <xs:complexType>

```

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
ANNEX 3: TARIC-3 PUBLIC SCHEMA	Ref: TAR3-TMES
FOOTNOTES	

```

    <xs:sequence>
      <xs:element name="transaction.id" type="TransactionId"/>
      <xs:element name="record.code" type="RecordCode"/>
      <xs:element name="subrecord.code" type="SubRecordCode"/>
      <xs:element name="record.sequence.number" type="RecordSequenceNumber"/>
      <xs:element name="update.type" type="UpdateType"/>
      <xs:element ref="abstract.record"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute ref="xml:lang" default="en-GB"/>
</xs:complexType>
</xs:element>
<xs:element name="transmission.comment" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="comment.sid" type="SID"/>
      <xs:element name="language.id" type="LanguageId"/>
      <xs:element name="comment.text" type="LongDescription" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<!-- Business data -->
<xs:simpleType name="ActionCode">
  <xs:restriction base="xs:string">
    <xs:pattern value="d\d\d?"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="AdditionalCode">
  <xs:restriction base="xs:string">
    <xs:length value="3"/>
    <xs:pattern value="[A-Z0-9][A-Z0-9][A-Z0-9]"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="AdditionalCodeTypeId">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:pattern value="[A-Z0-9]"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="ApplicationCodeAdditionalCode">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:enumeration value="0"/>
    <xs:enumeration value="1"/>
    <xs:enumeration value="3"/>
    <xs:enumeration value="4"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="ApplicationCodeFootnote">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:enumeration value="1"/>
    <xs:enumeration value="2"/>
    <xs:enumeration value="3"/>
    <xs:enumeration value="4"/>
    <xs:enumeration value="5"/>
    <xs:enumeration value="6"/>
    <xs:enumeration value="7"/>
    <xs:enumeration value="8"/>
    <xs:enumeration value="9"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="ApprovedFlag">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:enumeration value="0"/>
    <xs:enumeration value="1"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="AreaCode">
  <xs:restriction base="xs:string">

```

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
ANNEX 3: TARIC-3 PUBLIC SCHEMA	Ref: TAR3-TMES
FOOTNOTES	

```

<xs:length value="1"/>
<xs:enumeration value="0"/>
<xs:enumeration value="1"/>
<xs:enumeration value="2"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="CertificateCode">
  <xs:restriction base="xs:string">
    <xs:length value="3"/>
    <xs:pattern value="[A-Z0-9][A-Z0-9][A-Z0-9]"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="CertificateTypeCode">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:pattern value="[A-Z0-9]"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="ChapterHeading">
  <xs:restriction base="xs:string">
    <xs:length value="2"/>
    <xs:pattern value="[0-9][0-9]"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="Code">
  <xs:restriction base="xs:string">
    <xs:maxLength value="10"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="CodeTypeeld">
  <xs:restriction base="xs:string">
    <xs:maxLength value="4"/>
    <xs:enumeration value="ACT"/>
    <xs:enumeration value="COND"/>
    <xs:enumeration value="DE"/>
    <xs:enumeration value="GA"/>
    <xs:enumeration value="MOU"/>
    <xs:enumeration value="MQC"/>
    <xs:enumeration value="MT"/>
    <xs:enumeration value="NG"/>
    <xs:enumeration value="RLTP"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="CommunityCode">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:enumeration value="1"/>
    <xs:enumeration value="2"/>
    <xs:enumeration value="3"/>
    <xs:enumeration value="4"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="ComponentSequenceNumber">
  <xs:restriction base="xs:int">
    <xs:minInclusive value="1"/>
    <xs:maxInclusive value="999"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="ConditionCode">
  <xs:restriction base="xs:string">
    <xs:pattern value="[A-Z][A-Z]?"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="Date">
  <xs:annotation>
    <xs:documentation>Date format</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:date">
    <xs:pattern value="d{4}-d{2}-d{2}"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="DutyAmount">
  <xs:restriction base="xs:decimal">

```

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
ANNEX 3: TARIC-3 PUBLIC SCHEMA	Ref: TAR3-TMES
FOOTNOTES	

```

<xs:maxInclusive value="9999999.999"/>
<xs:fractionDigits value="3"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="DutyAmountApplicabilityCode">
  <xs:restriction base="xs:int">
    <xs:enumeration value="0"/>
    <xs:enumeration value="1"/>
    <xs:enumeration value="2"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="DutyExpressionId">
  <xs:restriction base="xs:string">
    <xs:length value="2"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="ExchangeRate">
  <xs:restriction base="xs:decimal">
    <xs:maxInclusive value="99999999.99999999"/>
    <xs:fractionDigits value="8"/>
    <xs:minExclusive value="0"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="ExportRefundCode">
  <xs:restriction base="xs:string">
    <xs:length value="3"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="Footnoted">
  <xs:restriction base="xs:string">
    <xs:pattern value="[0-9]{5}||[0-9]{3}"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="FootnoteTyped">
  <xs:restriction base="xs:string">
    <xs:pattern value="[A-Z]{2}||[A-Z]{3}"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="GeographicalAreal">
  <xs:restriction base="xs:string">
    <xs:maxLength value="4"/>
    <xs:pattern value="[A-Z0-9]{2}||[A-Z0-9]{4}"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="GoodsNomenclatureItemId">
  <xs:restriction base="xs:string">
    <xs:length value="10"/>
    <xs:pattern value="[0-9]{10}"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="GoodsNomenclatureGroupId">
  <xs:restriction base="xs:string">
    <xs:maxLength value="6"/>
    <xs:pattern value="[0-9]{6}"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="GoodsNomenclatureGroupType">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:pattern value="[A-Z]"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="LanguageId">
  <xs:restriction base="xs:string">
    <xs:length value="2"/>
    <xs:pattern value="[A-Z][A-Z]"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="LongDescription">
  <xs:restriction base="xs:string"/>
</xs:simpleType>
<xs:simpleType name="MeasureExplosionLevel">
  <xs:restriction base="xs:int">

```

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
ANNEX 3: TARIC-3 PUBLIC SCHEMA	Ref: TAR3-TMES
FOOTNOTES	

```

<xs:enumeration value="2"/>
<xs:enumeration value="4"/>
<xs:enumeration value="6"/>
<xs:enumeration value="8"/>
<xs:enumeration value="10"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="MeasurementUnitApplicabilityCode">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:enumeration value="0"/>
    <xs:enumeration value="1"/>
    <xs:enumeration value="2"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="MeasurementUnitCode">
  <xs:restriction base="xs:string">
    <xs:length value="3"/>
    <xs:pattern value="[A-Z][A-Z][A-Z]"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="MeasurementUnitQualifierCode">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:pattern value="[A-Z]"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="MeasureTypeId">
  <xs:restriction base="xs:string">
    <xs:pattern value="[0-9]{3}[[0-9]{6}"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="MeasureTypeCombination">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="MeasureTypeSeriesId">
  <xs:restriction base="xs:string">
    <xs:pattern value="[A-Z][A-Z]?"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="MeursingHeadingNumber">
  <xs:restriction base="xs:string">
    <xs:pattern value="d{1,3}"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="MeursingTablePlanId">
  <xs:restriction base="xs:string">
    <xs:length value="2"/>
    <xs:pattern value="d\d"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="MonetaryUnitApplicabilityCode">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:enumeration value="0"/>
    <xs:enumeration value="1"/>
    <xs:enumeration value="2"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="MonetaryUnitCode">
  <xs:restriction base="xs:string">
    <xs:length value="3"/>
    <xs:pattern value="[A-Z]{3}">
    <xs:annotation>
      <xs:appinfo>
        <format xmlns="taric-format">AAA</format>
      </xs:appinfo>
    </xs:annotation>
  </xs:restriction>
</xs:simpleType>

```

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
ANNEX 3: TARIC-3 PUBLIC SCHEMA	Ref: TAR3-TMES
FOOTNOTES	

```

<xs:simpleType name="NomenclatureGroupFacilityCode">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:enumeration value="0"/>
    <xs:enumeration value="2"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="NumberOf">
  <xs:restriction base="xs:string">
    <xs:length value="2"/>
    <xs:pattern value="\d\d"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="OfficialJournalNumber">
  <xs:restriction base="xs:string">
    <xs:maxLength value="5"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="OfficialJournalPage">
  <xs:restriction base="xs:int">
    <xs:minInclusive value="1"/>
    <xs:maxInclusive value="9999"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="OrderNumber">
  <xs:restriction base="xs:string">
    <xs:length value="6"/>
    <xs:pattern value="[0-9]{6}"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="OrderNumberCaptureCode">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:enumeration value="1"/>
    <xs:enumeration value="2"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="OriginCode">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:enumeration value="0"/>
    <xs:enumeration value="1"/>
    <xs:enumeration value="2"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="PriorityCode">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:enumeration value="1"/>
    <xs:enumeration value="2"/>
    <xs:enumeration value="3"/>
    <xs:enumeration value="4"/>
    <xs:enumeration value="5"/>
    <xs:enumeration value="6"/>
    <xs:enumeration value="7"/>
    <xs:enumeration value="8"/>
    <xs:enumeration value="9"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="ProductLineSuffix">
  <xs:restriction base="xs:string">
    <xs:length value="2"/>
    <xs:pattern value="[0-9][0-9]"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="PublicationCode">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:enumeration value="0"/>
    <xs:enumeration value="1"/>
    <xs:enumeration value="2"/>
    <xs:enumeration value="3"/>
  </xs:restriction>

```

```

</xs:simpleType>
<xs:simpleType name="PublicationSigle">
  <xs:restriction base="xs:string">
    <xs:maxLength value="20"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="QuotaAmount">
  <xs:restriction base="xs:decimal">
    <xs:maxInclusive value="9999999999.999"/>
    <xs:fractionDigits value="3"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="QuotaCoefficient">
  <xs:restriction base="xs:decimal">
    <xs:maxInclusive value="9999999999.99999"/>
    <xs:fractionDigits value="5"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="QuotaBlockingPeriodType">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:pattern value="[0-9]"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="QuotaCriticalStateCode">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:enumeration value="Y"/>
    <xs:enumeration value="N"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="QuotaCriticalTreshold">
  <xs:restriction base="xs:int">
    <xs:minInclusive value="0"/>
    <xs:maxInclusive value="100"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="QuotaPrecision">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:enumeration value="0"/>
    <xs:enumeration value="1"/>
    <xs:enumeration value="2"/>
    <xs:enumeration value="3"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="QuotaBlockedStateCode">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:enumeration value="Y"/>
    <xs:enumeration value="N"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="QuotaExhaustedStateCode">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:enumeration value="Y"/>
    <xs:enumeration value="N"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="QuotaSuspendedStateCode">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:enumeration value="Y"/>
    <xs:enumeration value="N"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="QuotaAllocatedPercentage">
  <xs:restriction base="xs:decimal">
    <xs:maxInclusive value="999.999"/>
    <xs:fractionDigits value="3"/>
  </xs:restriction>
</xs:simpleType>

```



```

<xs:simpleType name="ReductionIndicator">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:enumeration value="1"/>
    <xs:enumeration value="2"/>
    <xs:enumeration value="3"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="RelationType">
  <xs:restriction base="xs:string">
    <xs:length value="2"/>
    <xs:enumeration value="EQ"/>
    <xs:enumeration value="NM"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="RegulationGroupld">
  <xs:restriction base="xs:string">
    <xs:length value="3"/>
    <xs:pattern value="[A-Z][A-Z][A-Z]"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="RegulationId">
  <xs:restriction base="xs:string">
    <xs:length value="8"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="RegulationRoleTypeld">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:enumeration value="1"/>
    <xs:enumeration value="2"/>
    <xs:enumeration value="3"/>
    <xs:enumeration value="4"/>
    <xs:enumeration value="5"/>
    <xs:enumeration value="6"/>
    <xs:enumeration value="7"/>
    <xs:enumeration value="8"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="ReplacementIndicator">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:enumeration value="0"/>
    <xs:enumeration value="1"/>
    <xs:enumeration value="2"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="RowColumnCode">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:enumeration value="0"/>
    <xs:enumeration value="1"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="ShortDescription">
  <xs:restriction base="xs:string">
    <xs:maxLength value="500"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="StoppedFlag">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:enumeration value="0"/>
    <xs:enumeration value="1"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="SID">
  <xs:restriction base="xs:int">
    <xs:minInclusive value="1"/>
    <xs:maxInclusive value="99999999"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="StatisticalIndicator">

```

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
ANNEX 3: TARIC-3 PUBLIC SCHEMA	Ref: TAR3-TMES
FOOTNOTES	

```

<xs:restriction base="xs:string">
  <xs:length value="1"/>
  <xs:enumeration value="0"/>
  <xs:enumeration value="1"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="SubHeadingSequenceNumber">
  <xs:restriction base="xs:string">
    <xs:pattern value="\d{1,4}"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="SurveillanceNumber">
  <xs:restriction base="xs:string">
    <xs:length value="6"/>
    <xs:pattern value="[0-9]{6}"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="TableLineSequenceNumber">
  <xs:restriction base="xs:int">
    <xs:minInclusive value="1"/>
    <xs:maxInclusive value="99999"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="Timestamp">
  <xs:annotation>
    <xs:documentation>Timestamp format</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:dateTime">
    <xs:pattern value="\d{4}-\d{2}-\d{2}T\d{2}:\d{2}:\d{2}"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="TradeMovementCode">
  <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:enumeration value="0"/>
    <xs:enumeration value="1"/>
    <xs:enumeration value="2"/>
  </xs:restriction>
</xs:simpleType>
<!--Data elements -->
<xs:element name="additional.code" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="additional.code.sid" type="SID"/>
      <xs:element name="additional.code.type.id" type="AdditionalCodeTypeid"/>
      <xs:element name="additional.code" type="AdditionalCode"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="additional.code.description.period" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="additional.code.description.period.sid" type="SID"/>
      <xs:element name="additional.code.sid" type="SID"/>
      <xs:element name="additional.code.type.id" type="AdditionalCodeTypeid"/>
      <xs:element name="additional.code" type="AdditionalCode"/>
      <xs:element name="validity.start.date" type="Date"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="additional.code.description" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="additional.code.description.period.sid" type="SID"/>
      <xs:element name="language.id" type="LanguageId"/>
      <xs:element name="additional.code.sid" type="SID"/>
      <xs:element name="additional.code.type.id" type="AdditionalCodeTypeid"/>
      <xs:element name="additional.code" type="AdditionalCode"/>
      <xs:element name="description" type="LongDescription" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>

```

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
ANNEX 3: TARIC-3 PUBLIC SCHEMA	Ref: TAR3-TMES
FOOTNOTES	

```

</xs:element>
<xs:element name="additional.code.type" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="additional.code.type.id" type="AdditionalCodeTypeId"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
      <xs:element name="application.code" type="ApplicationCodeAdditionalCode"/>
      <xs:element name="meursing.table.plan.id" type="MeursingTablePlanId" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="additional.code.type.description" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="additional.code.type.id" type="AdditionalCodeTypeId"/>
      <xs:element name="language.id" type="LanguageId"/>
      <xs:element name="description" type="ShortDescription" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="additional.code.type.measure.type" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="measure.type.id" type="MeasureTypeId"/>
      <xs:element name="additional.code.type.id" type="AdditionalCodeTypeId"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="base.regulation" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="base.regulation.role" type="RegulationRoleTypeId"/>
      <xs:element name="base.regulation.id" type="RegulationId"/>
      <xs:element name="published.date" type="Date" minOccurs="0"/>
      <xs:element name="officialjournal.number" type="OfficialJournalNumber" minOccurs="0"/>
      <xs:element name="officialjournal.page" type="OfficialJournalPage" minOccurs="0"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
      <xs:element name="effective.end.date" type="Date" minOccurs="0"/>
      <xs:element name="community.code" type="CommunityCode"/>
      <xs:element name="regulation.group.id" type="RegulationGroupId"/>
      <xs:element name="antidumping.regulation.role" type="RegulationRoleTypeId" minOccurs="0"/>
      <xs:element name="related.antidumping.regulation.id" type="RegulationId" minOccurs="0"/>
      <xs:element name="complete.abrogation.regulation.role" type="RegulationRoleTypeId" minOccurs="0"/>
      <xs:element name="complete.abrogation.regulation.id" type="RegulationId" minOccurs="0"/>
      <xs:element name="explicit.abrogation.regulation.role" type="RegulationRoleTypeId" minOccurs="0"/>
      <xs:element name="explicit.abrogation.regulation.id" type="RegulationId" minOccurs="0"/>
      <xs:element name="replacement.indicator" type="ReplacementIndicator"/>
      <xs:element name="stopped.flag" type="StoppedFlag"/>
      <xs:element name="information.text" type="ShortDescription" minOccurs="0"/>
      <xs:element name="approved.flag" type="ApprovedFlag"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ceiling" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="surveillance.number" type="SurveillanceNumber"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
      <xs:element name="ceiling.reached.date" type="Date"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="certificate" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="certificate.type.code" type="CertificateTypeCode"/>
      <xs:element name="certificate.code" type="CertificateCode"/>
      <xs:element name="validity.start.date" type="Date"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
ANNEX 3: TARIC-3 PUBLIC SCHEMA	Ref: TAR3-TMES
FOOTNOTES	

```

        <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="certificate.description.period" substitutionGroup="abstract.record">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="certificate.description.period.sid" type="SID"/>
        <xs:element name="certificate.type.code" type="CertificateTypeCode"/>
        <xs:element name="certificate.code" type="CertificateCode"/>
        <xs:element name="validity.start.date" type="Date"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="certificate.description" substitutionGroup="abstract.record">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="certificate.description.period.sid" type="SID"/>
        <xs:element name="language.id" type="LanguageId"/>
        <xs:element name="certificate.type.code" type="CertificateTypeCode"/>
        <xs:element name="certificate.code" type="CertificateCode"/>
        <xs:element name="description" type="ShortDescription" minOccurs="0"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="certificate.type" substitutionGroup="abstract.record">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="certificate.type.code" type="CertificateTypeCode"/>
        <xs:element name="validity.start.date" type="Date"/>
        <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="certificate.type.description" substitutionGroup="abstract.record">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="certificate.type.code" type="CertificateTypeCode"/>
        <xs:element name="language.id" type="LanguageId"/>
        <xs:element name="description" type="ShortDescription" minOccurs="0"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="complete.abrogation.regulation" substitutionGroup="abstract.record">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="complete.abrogation.regulation.role" type="RegulationRoleTypeId"/>
        <xs:element name="complete.abrogation.regulation.id" type="RegulationId"/>
        <xs:element name="published.date" type="Date" minOccurs="0"/>
        <xs:element name="officialjournal.number" type="OfficialJournalNumber" minOccurs="0"/>
        <xs:element name="officialjournal.page" type="OfficialJournalPage" minOccurs="0"/>
        <xs:element name="replacement.indicator" type="ReplacementIndicator"/>
        <xs:element name="information.text" type="ShortDescription" minOccurs="0"/>
        <xs:element name="approved.flag" type="ApprovedFlag"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="duty.expression" substitutionGroup="abstract.record">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="duty.expression.id" type="DutyExpressionId"/>
        <xs:element name="validity.start.date" type="Date"/>
        <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
        <xs:element name="duty.amount.applicability.code" type="DutyAmountApplicabilityCode"/>
        <xs:element name="measurement.unit.applicability.code" type="MeasurementUnitApplicabilityCode"/>
        <xs:element name="monetary.unit.applicability.code" type="MonetaryUnitApplicabilityCode"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="duty.expression.description" substitutionGroup="abstract.record">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="duty.expression.id" type="DutyExpressionId"/>

```

```

    <xs:element name="language.id" type="LanguageId"/>
    <xs:element name="description" type="ShortDescription" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="explicit.abrogation.regulation" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="explicit.abrogation.regulation.role" type="RegulationRoleTypeId"/>
      <xs:element name="explicit.abrogation.regulation.id" type="RegulationId"/>
      <xs:element name="published.date" type="Date" minOccurs="0"/>
      <xs:element name="officialjournal.number" type="OfficialJournalNumber" minOccurs="0"/>
      <xs:element name="officialjournal.page" type="OfficialJournalPage" minOccurs="0"/>
      <xs:element name="replacement.indicator" type="ReplacementIndicator"/>
      <xs:element name="abrogation.date" type="Date"/>
      <xs:element name="information.text" type="ShortDescription" minOccurs="0"/>
      <xs:element name="approved.flag" type="ApprovedFlag"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="export.refund.nomenclature" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="export.refund.nomenclature.sid" type="SID"/>
      <xs:element name="goods.nomenclature.item.id" type="GoodsNomenclatureItemId"/>
      <xs:element name="additional.code.type" type="AdditionalCodeTypeId"/>
      <xs:element name="export.refund.code" type="ExportRefundCode"/>
      <xs:element name="productline.suffix" type="ProductLineSuffix"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
      <xs:element name="goods.nomenclature.sid" type="SID"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="export.refund.nomenclature.indents" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="export.refund.nomenclature.indents.sid" type="SID"/>
      <xs:element name="export.refund.nomenclature.sid" type="SID"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="number.export.refund.nomenclature.indents" type="NumberOf"/>
      <xs:element name="goods.nomenclature.item.id" type="GoodsNomenclatureItemId"/>
      <xs:element name="additional.code.type" type="AdditionalCodeTypeId"/>
      <xs:element name="export.refund.code" type="ExportRefundCode"/>
      <xs:element name="productline.suffix" type="ProductLineSuffix"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="export.refund.nomenclature.description.period" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="export.refund.nomenclature.description.period.sid" type="SID"/>
      <xs:element name="export.refund.nomenclature.sid" type="SID"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="goods.nomenclature.item.id" type="GoodsNomenclatureItemId"/>
      <xs:element name="additional.code.type" type="AdditionalCodeTypeId"/>
      <xs:element name="export.refund.code" type="ExportRefundCode"/>
      <xs:element name="productline.suffix" type="ProductLineSuffix"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="export.refund.nomenclature.description" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="export.refund.nomenclature.description.period.sid" type="SID"/>
      <xs:element name="language.id" type="LanguageId"/>
      <xs:element name="export.refund.nomenclature.sid" type="SID"/>
      <xs:element name="goods.nomenclature.item.id" type="GoodsNomenclatureItemId"/>
      <xs:element name="additional.code.type" type="AdditionalCodeTypeId"/>
      <xs:element name="export.refund.code" type="ExportRefundCode"/>
      <xs:element name="productline.suffix" type="ProductLineSuffix"/>
      <xs:element name="description" type="LongDescription" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
ANNEX 3: TARIC-3 PUBLIC SCHEMA	Ref: TAR3-TMES
FOOTNOTES	

```

</xs:complexType>
</xs:element>
<xs:element name="footnote" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="footnote.type.id" type="FootnoteTypeld"/>
      <xs:element name="footnote.id" type="Footnoteld"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="footnote.association.additional.code" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="additional.code.sid" type="SID"/>
      <xs:element name="footnote.type.id" type="FootnoteTypeld"/>
      <xs:element name="footnote.id" type="Footnoteld"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
      <xs:element name="additional.code.type.id" type="AdditionalCodeTypeld"/>
      <xs:element name="additional.code" type="AdditionalCode"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="footnote.association.ern" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="export.refund.nomenclature.sid" type="SID"/>
      <xs:element name="footnote.type" type="FootnoteTypeld"/>
      <xs:element name="footnote.id" type="Footnoteld"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
      <xs:element name="goods.nomenclature.item.id" type="GoodsNomenclatureItemId"/>
      <xs:element name="additional.code.type" type="AdditionalCodeTypeld"/>
      <xs:element name="export.refund.code" type="ExportRefundCode"/>
      <xs:element name="productline.suffix" type="ProductLineSuffix"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="footnote.association.goods.nomenclature" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="goods.nomenclature.sid" type="SID"/>
      <xs:element name="footnote.type" type="FootnoteTypeld"/>
      <xs:element name="footnote.id" type="Footnoteld"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
      <xs:element name="goods.nomenclature.item.id" type="GoodsNomenclatureItemId"/>
      <xs:element name="productline.suffix" type="ProductLineSuffix"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="footnote.association.meursing.heading" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="meursing.table.plan.id" type="MeursingTablePlanId"/>
      <xs:element name="meursing.heading.number" type="MeursingHeadingNumber"/>
      <xs:element name="row.column.code" type="RowColumnCode"/>
      <xs:element name="footnote.type" type="FootnoteTypeld"/>
      <xs:element name="footnote.id" type="Footnoteld"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="footnote.description.period" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="footnote.description.period.sid" type="SID"/>
      <xs:element name="footnote.type.id" type="FootnoteTypeld"/>
      <xs:element name="footnote.id" type="Footnoteld"/>
      <xs:element name="validity.start.date" type="Date"/>
    </xs:sequence>
  </xs:complexType>

```


TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
ANNEX 3: TARIC-3 PUBLIC SCHEMA	Ref: TAR3-TMES
FOOTNOTES	

```

</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="footnote.description" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="footnote.description.period.sid" type="SID"/>
      <xs:element name="language.id" type="LanguageId"/>
      <xs:element name="footnote.type.id" type="FootnoteTypeId"/>
      <xs:element name="footnote.id" type="FootnoteId"/>
      <xs:element name="description" type="LongDescription" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="footnote.type" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="footnote.type.id" type="FootnoteTypeId"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
      <xs:element name="application.code" type="ApplicationCodeFootnote"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="footnote.type.description" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="footnote.type.id" type="FootnoteTypeId"/>
      <xs:element name="language.id" type="LanguageId"/>
      <xs:element name="description" type="ShortDescription" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="fts.regulation.action" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="fts.regulation.role" type="RegulationRoleTypeId"/>
      <xs:element name="fts.regulation.id" type="RegulationId"/>
      <xs:element name="stopped.regulation.role" type="RegulationRoleTypeId"/>
      <xs:element name="stopped.regulation.id" type="RegulationId"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="full.temporary.stop.regulation" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="full.temporary.stop.regulation.role" type="RegulationRoleTypeId"/>
      <xs:element name="full.temporary.stop.regulation.id" type="RegulationId"/>
      <xs:element name="published.date" type="Date" minOccurs="0"/>
      <xs:element name="officialjournal.number" type="OfficialJournalNumber" minOccurs="0"/>
      <xs:element name="officialjournal.page" type="OfficialJournalPage" minOccurs="0"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
      <xs:element name="effective.enddate" type="Date" minOccurs="0"/>
      <xs:element name="complete.abrogation.regulation.role" type="RegulationRoleTypeId" minOccurs="0"/>
      <xs:element name="complete.abrogation.regulation.id" type="RegulationId" minOccurs="0"/>
      <xs:element name="explicit.abrogation.regulation.role" type="RegulationRoleTypeId" minOccurs="0"/>
      <xs:element name="explicit.abrogation.regulation.id" type="RegulationId" minOccurs="0"/>
      <xs:element name="replacement.indicator" type="ReplacementIndicator"/>
      <xs:element name="information.text" type="ShortDescription" minOccurs="0"/>
      <xs:element name="approved.flag" type="ApprovedFlag"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="geographical.area" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="geographical.area.sid" type="SID"/>
      <xs:element name="geographical.area.id" type="GeographicalAreaId"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
      <xs:element name="geographical.code" type="AreaCode"/>
      <xs:element name="parent.geographical.area.group.sid" type="SID" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
ANNEX 3: TARIC-3 PUBLIC SCHEMA	Ref: TAR3-TMES
FOOTNOTES	

```

</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="geographical.area.description.period" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="geographical.area.description.period.sid" type="SID"/>
      <xs:element name="geographical.area.sid" type="SID"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="geographical.area.id" type="GeographicalAreaId"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="geographical.area.description" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="geographical.area.description.period.sid" type="SID"/>
      <xs:element name="language.id" type="LanguageId"/>
      <xs:element name="geographical.area.sid" type="SID"/>
      <xs:element name="geographical.area.id" type="GeographicalAreaId"/>
      <xs:element name="description" type="ShortDescription" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="geographical.area.membership" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="geographical.area.sid" type="SID"/>
      <xs:element name="geographical.area.group.sid" type="SID"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="goods.nomenclature" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="goods.nomenclature.sid" type="SID"/>
      <xs:element name="goods.nomenclature.item.id" type="GoodsNomenclatureItemId"/>
      <xs:element name="productline.suffix" type="ProductLineSuffix"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
      <xs:element name="statistical.indicator" type="StatisticalIndicator"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="goods.nomenclature.indents" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="goods.nomenclature.indent.sid" type="SID"/>
      <xs:element name="goods.nomenclature.sid" type="SID"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="number.indents" type="NumberOf"/>
      <xs:element name="goods.nomenclature.item.id" type="GoodsNomenclatureItemId"/>
      <xs:element name="productline.suffix" type="ProductLineSuffix"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="goods.nomenclature.description.period" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="goods.nomenclature.description.period.sid" type="SID"/>
      <xs:element name="goods.nomenclature.sid" type="SID"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="goods.nomenclature.item.id" type="GoodsNomenclatureItemId"/>
      <xs:element name="productline.suffix" type="ProductLineSuffix"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="goods.nomenclature.description" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="goods.nomenclature.description.period.sid" type="SID"/>

```


TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
ANNEX 3: TARIC-3 PUBLIC SCHEMA	Ref: TAR3-TMES
FOOTNOTES	

```

<xs:element name="language.id" type="LanguageId"/>
<xs:element name="goods.nomenclature.sid" type="SID"/>
<xs:element name="goods.nomenclature.item.id" type="GoodsNomenclatureItemId"/>
<xs:element name="productline.suffix" type="ProductLineSuffix"/>
<xs:element name="description" type="LongDescription" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="goods.nomenclature.group" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="goods.nomenclature.group.type" type="GoodsNomenclatureGroupType"/>
      <xs:element name="goods.nomenclature.group.id" type="GoodsNomenclatureGroupId"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
      <xs:element name="nomenclature.group.facility.code" type="NomenclatureGroupFacilityCode"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="goods.nomenclature.group.description" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="goods.nomenclature.group.type" type="GoodsNomenclatureGroupType"/>
      <xs:element name="goods.nomenclature.group.id" type="GoodsNomenclatureGroupId"/>
      <xs:element name="language.id" type="LanguageId"/>
      <xs:element name="description" type="ShortDescription" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="goods.nomenclature.origin" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="goods.nomenclature.sid" type="SID"/>
      <xs:element name="derived.goods.nomenclature.item.id" type="GoodsNomenclatureItemId"/>
      <xs:element name="derived.productline.suffix" type="ProductLineSuffix"/>
      <xs:element name="goods.nomenclature.item.id" type="GoodsNomenclatureItemId"/>
      <xs:element name="productline.suffix" type="ProductLineSuffix"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="goods.nomenclature.successor" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="goods.nomenclature.sid" type="SID"/>
      <xs:element name="absorbed.goods.nomenclature.item.id" type="GoodsNomenclatureItemId"/>
      <xs:element name="absorbed.productline.suffix" type="ProductLineSuffix"/>
      <xs:element name="goods.nomenclature.item.id" type="GoodsNomenclatureItemId"/>
      <xs:element name="productline.suffix" type="ProductLineSuffix"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="language" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="language.id" type="LanguageId"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="language.description" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="language.code.id" type="LanguageId"/>
      <xs:element name="language.id" type="LanguageId"/>
      <xs:element name="description" type="ShortDescription" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="measure" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="measure.sid" type="SID"/>

```

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
ANNEX 3: TARIC-3 PUBLIC SCHEMA	Ref: TAR3-TMES
FOOTNOTES	

```

<xs:element name="measure.type" type="MeasureTypeId"/>
<xs:element name="geographical.area" type="GeographicalAreaId"/>
<xs:element name="goods.nomenclature.item.id" type="GoodsNomenclatureItemId" minOccurs="0"/>
<xs:element name="additional.code.type" type="AdditionalCodeTypeId" minOccurs="0"/>
<xs:element name="additional.code" type="AdditionalCode" minOccurs="0"/>
<xs:element name="ordernumber" type="OrderNumber" minOccurs="0"/>
<xs:element name="reduction.indicator" type="ReductionIndicator" minOccurs="0"/>
<xs:element name="validity.start.date" type="Date"/>
<xs:element name="measure.generating.regulation.role" type="RegulationRoleTypeId"/>
<xs:element name="measure.generating.regulation.id" type="RegulationId"/>
<xs:element name="validity.end.date" type="Date" minOccurs="0"/>
<xs:element name="justification.regulation.role" type="RegulationRoleTypeId" minOccurs="0"/>
<xs:element name="justification.regulation.id" type="RegulationId" minOccurs="0"/>
<xs:element name="stopped.flag" type="StoppedFlag"/>
<xs:element name="geographical.area.sid" type="SID" minOccurs="0"/>
<xs:element name="goods.nomenclature.sid" type="SID" minOccurs="0"/>
<xs:element name="additional.code.sid" type="SID" minOccurs="0"/>
<xs:element name="export.refund.nomenclature.sid" type="SID" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="measure.component" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="measure.sid" type="SID"/>
      <xs:element name="duty.expression.id" type="DutyExpressionId"/>
      <xs:element name="duty.amount" type="DutyAmount" minOccurs="0"/>
      <xs:element name="monetary.unit.code" type="MonetaryUnitCode" minOccurs="0"/>
      <xs:element name="measurement.unit.code" type="MeasurementUnitCode" minOccurs="0"/>
      <xs:element name="measurement.unit.qualifier.code" type="MeasurementUnitQualifierCode" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="measure.condition" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="measure.condition.sid" type="SID"/>
      <xs:element name="measure.sid" type="SID"/>
      <xs:element name="condition.code" type="ConditionCode"/>
      <xs:element name="component.sequence.number" type="ComponentSequenceNumber"/>
      <xs:element name="condition.duty.amount" type="DutyAmount" minOccurs="0"/>
      <xs:element name="condition.monetary.unit.code" type="MonetaryUnitCode" minOccurs="0"/>
      <xs:element name="condition.measurement.unit.code" type="MeasurementUnitCode" minOccurs="0"/>
      <xs:element name="condition.measurement.unit.qualifier.code" type="MeasurementUnitQualifierCode"
minOccurs="0"/>
      <xs:element name="action.code" type="ActionCode" minOccurs="0"/>
      <xs:element name="certificate.type.code" type="CertificateTypeCode" minOccurs="0"/>
      <xs:element name="certificate.code" type="CertificateCode" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="measure.condition.component" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="measure.condition.sid" type="SID"/>
      <xs:element name="duty.expression.id" type="DutyExpressionId"/>
      <xs:element name="duty.amount" type="DutyAmount" minOccurs="0"/>
      <xs:element name="monetary.unit.code" type="MonetaryUnitCode" minOccurs="0"/>
      <xs:element name="measurement.unit.code" type="MeasurementUnitCode" minOccurs="0"/>
      <xs:element name="measurement.unit.qualifier.code" type="MeasurementUnitQualifierCode" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="measure.excluded.geographical.area" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="measure.sid" type="SID"/>
      <xs:element name="excluded.geographical.area" type="GeographicalAreaId"/>
      <xs:element name="geographical.area.sid" type="SID"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="footnote.association.measure" substitutionGroup="abstract.record">

```

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
ANNEX 3: TARIC-3 PUBLIC SCHEMA	Ref: TAR3-TMES
FOOTNOTES	

```

<xs:complexType>
  <xs:sequence>
    <xs:element name="measure.sid" type="SID"/>
    <xs:element name="footnote.type.id" type="FootnoteTypeId"/>
    <xs:element name="footnote.id" type="FootnoteId"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="measure.partial.temporary.stop" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="measure.sid" type="SID"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
      <xs:element name="partial.temporary.stop.regulation.id" type="RegulationId"/>
      <xs:element name="partial.temporary.stop.regulation.officialjournal.number" type="OfficialJournalNumber"
minOccurs="0"/>
      <xs:element name="partial.temporary.stop.regulation.officialjournal.page" type="OfficialJournalPage"
minOccurs="0"/>
      <xs:element name="abrogation.regulation.id" type="RegulationId" minOccurs="0"/>
      <xs:element name="abrogation.regulation.officialjournal.number" type="OfficialJournalNumber" minOccurs="0"/>
      <xs:element name="abrogation.regulation.officialjournal.page" type="OfficialJournalPage" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="measure.condition.code" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="condition.code" type="ConditionCode"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="measure.condition.code.description" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="condition.code" type="ConditionCode"/>
      <xs:element name="language.id" type="LanguageId"/>
      <xs:element name="description" type="ShortDescription" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="measure.action" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="action.code" type="ActionCode"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="measure.action.description" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="action.code" type="ActionCode"/>
      <xs:element name="language.id" type="LanguageId"/>
      <xs:element name="description" type="ShortDescription" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="measure.type" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="measure.type.id" type="MeasureTypeId"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
      <xs:element name="trade.movement.code" type="TradeMovementCode"/>
      <xs:element name="priority.code" type="PriorityCode"/>
      <xs:element name="measure.component.applicable.code" type="MeasurementUnitApplicabilityCode"/>
      <xs:element name="origin.dest.code" type="OriginCode"/>
      <xs:element name="order.number.capture.code" type="OrderNumberCaptureCode"/>
      <xs:element name="measure.explosion.level" type="MeasureExplosionLevel"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
ANNEX 3: TARIC-3 PUBLIC SCHEMA	Ref: TAR3-TMES
FOOTNOTES	

```

        <xs:element name="measure.type.series.id" type="MeasureTypeSeriesId"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="measure.type.description" substitutionGroup="abstract.record">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="measure.type.id" type="MeasureTypeId"/>
        <xs:element name="language.id" type="LanguageId"/>
        <xs:element name="description" type="ShortDescription" minOccurs="0"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="measure.type.series" substitutionGroup="abstract.record">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="measure.type.series.id" type="MeasureTypeSeriesId"/>
        <xs:element name="validity.start.date" type="Date"/>
        <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
        <xs:element name="measure.type.combination" type="MeasureTypeCombination"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="measure.type.series.description" substitutionGroup="abstract.record">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="measure.type.series.id" type="MeasureTypeSeriesId"/>
        <xs:element name="language.id" type="LanguageId"/>
        <xs:element name="description" type="ShortDescription" minOccurs="0"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="measurement.unit" substitutionGroup="abstract.record">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="measurement.unit.code" type="MeasurementUnitCode"/>
        <xs:element name="validity.start.date" type="Date"/>
        <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="measurement.unit.description" substitutionGroup="abstract.record">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="measurement.unit.code" type="MeasurementUnitCode"/>
        <xs:element name="language.id" type="LanguageId"/>
        <xs:element name="description" type="ShortDescription" minOccurs="0"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="measurement.unit.qualifier" substitutionGroup="abstract.record">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="measurement.unit.qualifier.code" type="MeasurementUnitQualifierCode"/>
        <xs:element name="validity.start.date" type="Date"/>
        <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="measurement.unit.qualifier.description" substitutionGroup="abstract.record">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="measurement.unit.qualifier.code" type="MeasurementUnitQualifierCode"/>
        <xs:element name="language.id" type="LanguageId"/>
        <xs:element name="description" type="ShortDescription" minOccurs="0"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="measurement" substitutionGroup="abstract.record">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="measurement.unit.code" type="MeasurementUnitCode"/>
        <xs:element name="measurement.unit.qualifier.code" type="MeasurementUnitQualifierCode"/>

```

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
ANNEX 3: TARIC-3 PUBLIC SCHEMA	Ref: TAR3-TMES
FOOTNOTES	

```

    <xs:element name="validity.start.date" type="Date"/>
    <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="meursing.table.plan" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="meursing.table.plan.id" type="MeursingTablePlanId"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="meursing.heading" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="meursing.table.plan.id" type="MeursingTablePlanId"/>
      <xs:element name="meursing.heading.number" type="MeursingHeadingNumber"/>
      <xs:element name="row.column.code" type="RowColumnCode"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="meursing.heading.text" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="meursing.table.plan.id" type="MeursingTablePlanId"/>
      <xs:element name="meursing.heading.number" type="MeursingHeadingNumber"/>
      <xs:element name="row.column.code" type="RowColumnCode"/>
      <xs:element name="language.id" type="LanguageId"/>
      <xs:element name="description" type="ShortDescription" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="meursing.subheading" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="meursing.table.plan.id" type="MeursingTablePlanId"/>
      <xs:element name="meursing.heading.number" type="MeursingHeadingNumber"/>
      <xs:element name="row.column.code" type="RowColumnCode"/>
      <xs:element name="subheading.sequence.number" type="SubHeadingSequenceNumber"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
      <xs:element name="description" type="ShortDescription" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="meursing.additional.code" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="meursing.additional.code.sid" type="SID"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
      <xs:element name="additional.code" type="AdditionalCode"/>
      <xs:element name="validity.start.date" type="Date"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="meursing.table.cell.component" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="meursing.additional.code.sid" type="SID"/>
      <xs:element name="meursing.table.plan.id" type="MeursingTablePlanId"/>
      <xs:element name="heading.number" type="MeursingHeadingNumber"/>
      <xs:element name="row.column.code" type="RowColumnCode"/>
      <xs:element name="subheading.sequence.number" type="SubHeadingSequenceNumber"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
      <xs:element name="additional.code" type="AdditionalCode"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
ANNEX 3: TARIC-3 PUBLIC SCHEMA	Ref: TAR3-TMES
FOOTNOTES	

```

<xs:element name="modification.regulation" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="modification.regulation.role" type="RegulationRoleTypeId"/>
      <xs:element name="modification.regulation.id" type="RegulationId"/>
      <xs:element name="published.date" type="Date" minOccurs="0"/>
      <xs:element name="officialjournal.number" type="OfficialJournalNumber" minOccurs="0"/>
      <xs:element name="officialjournal.page" type="OfficialJournalPage" minOccurs="0"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
      <xs:element name="effective.end.date" type="Date" minOccurs="0"/>
      <xs:element name="base.regulation.role" type="RegulationRoleTypeId"/>
      <xs:element name="base.regulation.id" type="RegulationId"/>
      <xs:element name="complete.abrogation.regulation.role" type="RegulationRoleTypeId" minOccurs="0"/>
      <xs:element name="complete.abrogation.regulation.id" type="RegulationId" minOccurs="0"/>
      <xs:element name="explicit.abrogation.regulation.role" type="RegulationRoleTypeId" minOccurs="0"/>
      <xs:element name="explicit.abrogation.regulation.id" type="RegulationId" minOccurs="0"/>
      <xs:element name="replacement.indicator" type="ReplacementIndicator"/>
      <xs:element name="stopped.flag" type="StoppedFlag"/>
      <xs:element name="information.text" type="ShortDescription" minOccurs="0"/>
      <xs:element name="approved.flag" type="ApprovedFlag"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="monetary.exchange.period" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="monetary.exchange.period.sid" type="SID"/>
      <xs:element name="parent.monetary.unit.code" type="MonetaryUnitCode"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="monetary.exchange.rate" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="monetary.exchange.period.sid" type="SID"/>
      <xs:element name="child.monetary.unit.code" type="MonetaryUnitCode"/>
      <xs:element name="exchange.rate" type="ExchangeRate"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="monetary.unit" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="monetary.unit.code" type="MonetaryUnitCode"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="monetary.unit.description" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="monetary.unit.code" type="MonetaryUnitCode"/>
      <xs:element name="language.id" type="LanguageId"/>
      <xs:element name="description" type="ShortDescription" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="nomenclature.group.membership" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="goods.nomenclature.sid" type="SID"/>
      <xs:element name="goods.nomenclature.group.type" type="GoodsNomenclatureGroupType"/>
      <xs:element name="goods.nomenclature.group.id" type="GoodsNomenclatureGroupId"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
      <xs:element name="goods.nomenclature.item.id" type="GoodsNomenclatureItemId"/>
      <xs:element name="productline.suffix" type="ProductLineSuffix"/>
    </xs:sequence>
  </xs:complexType>

```


TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
ANNEX 3: TARIC-3 PUBLIC SCHEMA	Ref: TAR3-TMES
FOOTNOTES	

```

</xs:element>
<xs:element name="prorogation.regulation" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="prorogation.regulation.role" type="RegulationRoleType"/>
      <xs:element name="prorogation.regulation.id" type="RegulationId"/>
      <xs:element name="published.date" type="Date" minOccurs="0"/>
      <xs:element name="officialjournal.number" type="OfficialJournalNumber" minOccurs="0"/>
      <xs:element name="officialjournal.page" type="OfficialJournalPage" minOccurs="0"/>
      <xs:element name="replacement.indicator" type="ReplacementIndicator"/>
      <xs:element name="information.text" type="ShortDescription" minOccurs="0"/>
      <xs:element name="approved.flag" type="ApprovedFlag"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="prorogation.regulation.action" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="prorogation.regulation.role" type="RegulationRoleType"/>
      <xs:element name="prorogation.regulation.id" type="RegulationId"/>
      <xs:element name="prorogated.regulation.role" type="RegulationRoleType"/>
      <xs:element name="prorogated.regulation.id" type="RegulationId"/>
      <xs:element name="prorogated.date" type="Date" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="publication.sigle" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="code.type.id" type="CodeType"/>
      <xs:element name="code" type="Code"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
      <xs:element name="publication.code" type="PublicationCode"/>
      <xs:element name="publication.sigle" type="PublicationSigle" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="quota.order.number" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="quota.order.number.sid" type="SID"/>
      <xs:element name="quota.order.number.id" type="OrderNumber"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="quota.order.number.origin" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="quota.order.number.origin.sid" type="SID"/>
      <xs:element name="quota.order.number.sid" type="SID"/>
      <xs:element name="geographical.area.id" type="GeographicalAreaId"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
      <xs:element name="geographical.area.sid" type="SID"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="quota.order.number.origin.exclusions" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="quota.order.number.origin.sid" type="SID"/>
      <xs:element name="excluded.geographical.area.sid" type="SID"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="quota.definition" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="quota.definition.sid" type="SID"/>
      <xs:element name="quota.order.number.id" type="OrderNumber"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
ANNEX 3: TARIC-3 PUBLIC SCHEMA	Ref: TAR3-TMES
FOOTNOTES	

```

<xs:element name="validity.start.date" type="Date"/>
<xs:element name="validity.end.date" type="Date" minOccurs="0"/>
<xs:element name="quota.order.number.sid" type="SID"/>
<xs:element name="volume" type="QuotaAmount"/>
<xs:element name="initial.volume" type="QuotaAmount"/>
<xs:element name="monetary.unit.code" type="MonetaryUnitCode" minOccurs="0"/>
<xs:element name="measurement.unit.code" type="MeasurementUnitCode" minOccurs="0"/>
<xs:element name="measurement.unit.qualifier.code" type="MeasurementUnitQualifierCode" minOccurs="0"/>
<xs:element name="maximum.precision" type="QuotaPrecision"/>
<xs:element name="critical.state" type="QuotaCriticalStateCode"/>
<xs:element name="critical.threshold" type="QuotaCriticalThreshold"/>
<xs:element name="description" type="ShortDescription" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="quota.association" substitutionGroup="abstract.record">
<xs:complexType>
<xs:sequence>
<xs:element name="main.quota.definition.sid" type="SID"/>
<xs:element name="sub.quota.definition.sid" type="SID"/>
<xs:element name="relation.type" type="RelationType"/>
<xs:element name="coefficient" type="QuotaCoefficient" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="quota.blocking.period" substitutionGroup="abstract.record">
<xs:complexType>
<xs:sequence>
<xs:element name="quota.blocking.period.sid" type="SID"/>
<xs:element name="quota.definition.sid" type="SID"/>
<xs:element name="blocking.start.date" type="Date"/>
<xs:element name="blocking.end.date" type="Date"/>
<xs:element name="blocking.period.type" type="QuotaBlockingPeriodType"/>
<xs:element name="description" type="ShortDescription" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="quota.suspension.period" substitutionGroup="abstract.record">
<xs:complexType>
<xs:sequence>
<xs:element name="quota.suspension.period.sid" type="SID"/>
<xs:element name="quota.definition.sid" type="SID"/>
<xs:element name="suspension.start.date" type="Date"/>
<xs:element name="suspension.end.date" type="Date"/>
<xs:element name="description" type="ShortDescription" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="quota.extended.information" substitutionGroup="abstract.record">
<xs:complexType>
<xs:sequence>
<xs:element name="quota.definition.sid" type="SID"/>
<xs:element name="balance" type="QuotaAmount"/>
<xs:element name="imported.amount" type="QuotaAmount"/>
<xs:element name="last.allocation.date" type="Date" minOccurs="0"/>
<xs:element name="allocated.percentage" type="QuotaAllocatedPercentage" minOccurs="0"/>
<xs:element name="last.import.date" type="Date" minOccurs="0"/>
<xs:element name="quota.exhaustion.state" type="QuotaExhaustedStateCode"/>
<xs:element name="exhaustion.date" type="Date" minOccurs="0"/>
<xs:element name="quota.blocked.state" type="QuotaBlockedStateCode"/>
<xs:element name="quota.suspended.state" type="QuotaSuspendedStateCode"/>
<xs:element name="total.awaiting.allocation" type="QuotaAmount"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="quota.balance.event" substitutionGroup="abstract.record">
<xs:complexType>
<xs:sequence>
<xs:element name="quota.definition.sid" type="SID"/>
<xs:element name="occurrence.timestamp" type="Timestamp"/>
<xs:element name="old.balance" type="QuotaAmount"/>
<xs:element name="new.balance" type="QuotaAmount"/>
<xs:element name="imported.amount" type="QuotaAmount"/>

```


TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
ANNEX 3: TARIC-3 PUBLIC SCHEMA	Ref: TAR3-TMES
FOOTNOTES	

```

        <xs:element name="last.import.date.in.allocation" type="Date" minOccurs="0"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="quota.unblocking.event" substitutionGroup="abstract.record">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="quota.definition.sid" type="SID"/>
        <xs:element name="occurrence.timestamp" type="Timestamp"/>
        <xs:element name="unblocking.date" type="Date"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="quota.critical.event" substitutionGroup="abstract.record">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="quota.definition.sid" type="SID"/>
        <xs:element name="occurrence.timestamp" type="Timestamp"/>
        <xs:element name="critical.state" type="QuotaCriticalStateCode"/>
        <xs:element name="critical.state.change.date" type="Date" minOccurs="0"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="quota.exhaustion.event" substitutionGroup="abstract.record">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="quota.definition.sid" type="SID"/>
        <xs:element name="occurrence.timestamp" type="Timestamp"/>
        <xs:element name="exhaustion.date" type="Date"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="quota.reopening.event" substitutionGroup="abstract.record">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="quota.definition.sid" type="SID"/>
        <xs:element name="occurrence.timestamp" type="Timestamp"/>
        <xs:element name="reopening.date" type="Date"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="quota.unsuspension.event" substitutionGroup="abstract.record">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="quota.definition.sid" type="SID"/>
        <xs:element name="occurrence.timestamp" type="Timestamp"/>
        <xs:element name="unsuspension.date" type="Date"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="quota.closed.and.transferred.event" substitutionGroup="abstract.record">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="quota.definition.sid" type="SID"/>
        <xs:element name="occurrence.timestamp" type="Timestamp"/>
        <xs:element name="closing.date" type="Date"/>
        <xs:element name="transferred.amount" type="QuotaAmount"/>
        <xs:element name="target.quota.definition.sid" type="SID"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="regulation.group" substitutionGroup="abstract.record">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="regulation.group.id" type="RegulationGroupId"/>
        <xs:element name="validity.start.date" type="Date"/>
        <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="regulation.group.description" substitutionGroup="abstract.record">
    <xs:complexType>
      <xs:sequence>

```

TAXUD/D3 – TARIC-3 Technical Message Exchange Specifications	
ANNEX 3: TARIC-3 PUBLIC SCHEMA	Ref: TAR3-TMES
FOOTNOTES	

```

    <xs:element name="regulation.group.id" type="RegulationGroupId"/>
    <xs:element name="language.id" type="LanguageId"/>
    <xs:element name="description" type="ShortDescription" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="regulation.role.type" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="regulation.role.type.id" type="RegulationRoleTypeId"/>
      <xs:element name="validity.start.date" type="Date"/>
      <xs:element name="validity.end.date" type="Date" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="regulation.role.type.description" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="regulation.role.type.id" type="RegulationRoleTypeId"/>
      <xs:element name="language.id" type="LanguageId"/>
      <xs:element name="description" type="ShortDescription" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="regulation.replacement" substitutionGroup="abstract.record">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="replacing.regulation.role" type="RegulationRoleTypeId"/>
      <xs:element name="replacing.regulation.id" type="RegulationId"/>
      <xs:element name="replaced.regulation.role" type="RegulationRoleTypeId"/>
      <xs:element name="replaced.regulation.id" type="RegulationId"/>
      <xs:element name="measure.type.id" type="MeasureTypeId" minOccurs="0"/>
      <xs:element name="geographical.area.id" type="GeographicalAreaId" minOccurs="0"/>
      <xs:element name="chapter.heading" type="ChapterHeading" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:schema>

```