

# Bilaga 1:

## Riktlinjer för implementering av XML i Intrastat

### *Intrastat XML Message Implementation Guideline*

För att SCB ska acceptera att ta emot Intrastatuppgifter skapade på annat sätt än via IDEP/CN8 måste programvaruversionen ha fått SCB:s godkännande för överföring enligt följande:

- Programvaruleverantören läser denna bilaga och ansöker om att inleda testöverföringar (Bilaga 2).
- SCB mejlar programvaruleverantören information om hur testningen ska utföras samt vilka kriterier som ska uppfyllas för en certifiering.
- När testkriterierna uppfyllts skickar SCB en certifiering till programvaruleverantören.
- Uppgiftsskyldiga för Intrastatrapportering kan börja använda den certifierade programvaruversionen utan att informera SCB. Om filöverring ska göras söks inloggningskonto (Bilaga 3).

In- och/eller utförelsemeddelanden av typ ny- och/eller nollrapporter kan lämnas i samma fil. Ett ombud kan lämna meddelanden för flera uppgiftsskyldiga organisationer i samma fil. Ingående varuposter i ett meddelande ska vara i aggregerad form. Ett meddelande får innehålla högst 2 000 varuposter. Alla meddelanden som ingår i en XML-fil måste vara utformade enligt samma meddelandetyper och version.

Meddelandeformat: XML

Meddelandetyper: INSTAT/XML

Version: 6.2

Rapporttyper:

Nyrapport = Ursprunglig rapport

Nollrapport = När inget finns att rapportera

Teckenrepresentation: ASCII ISO 8859-1

Dokumentet är ursprungligen framtaget av Eurostat, EU:s statistikkontor i Luxemburg. **OBS! "Table Nature of Transaction" på sida 38 i denna bilaga kommer att ändras för 2022. Nya Transaktionskoder är följande: [Transaktionstyper giltiga från 2022](#)**



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## 1. INTRODUCTION

The purpose of this document is to provide the Message Implementation Guideline (MIG) of INSTAT/XML, the Intrastat declaration in XML.

This MIG has been designed, validated and approved by delegates of Member States and Eurostat within the framework of the EEG6/WG5.

The Intrastat system implementation model, version 6.2 is the basis of the definition of INSTAT/XML. These specifications contain:

- Use case diagram of collection of intra-Community trade statistics (Intrastat system);
- Activity diagram associated with the use case "Submit Intrastat declaration";
- Sequence diagram associated with the use case "Submit Intrastat declaration";
- Class diagram of the Intrastat system; this class diagram shows the static structure of the Intrastat system for application purpose;
- Class diagram of the INSTAT message built from the class diagram of the Intrastat system;
- Class diagram of the INSRES message (response to INSTAT) built from the class diagram of the Intrastat system.

INSTAT/XML is derived from the class diagram of the INSTAT message.

The new XML Schema Definition Language (XSDL) developed by W3C defines the set of rules describing the structure of INSTAT/XML.

This document is structured in the following sections:

- Introduction;
- Legal basis, referring to INTRASTAT regulations;
- MIG version, giving the differences between the present MIG and the previous version;
- INSTAT/XML Diagram, representing the structure of the document;
- Description of the prolog;
- Cross reference between the information to be collected and the elements of INSTAT/XML;
- Description of the elements;
- XML Schema, version 6.2 (instat62.xsd);
- Example of an XML Intrastat declaration using the INSTAT XSD.

These specifications take into account the following standards:

- Extensible Markup Language (XML) 1.0 (Second Edition), W3C Recommendation, 6 October 2000 (<http://www.w3.org/XML>);
- XML Schema Part 1: Structures, W3C Recommendation 2 May 2001 (<http://www.w3.org/XML/Schema>);
- XML Schema Part 2: Datatypes, W3C Recommendation 2 May 2001 (<http://www.w3.org/XML/Schema>).

## 2. LEGAL BASIS

The information to be collected by INSTAT/XML is defined by the following INTRASTAT rules. Information related to the transport of the message, such as the technical operator sending INSTAT/XML, is not included in the present specification.

The INTRASTAT regulation (Council Regulation (EEC) No 3330/91 of 7 November 1991 on the statistics relating to the trading of goods between Member States (OJ No L 316, 16.11.91)) is the legal basis specifying the new data collection system for intra-Community trade statistics. Art. 34 states that "the Commission may, for the purpose of facilitating the task of the parties responsible for providing information, establish simplified data collection procedures and in particular create the conditions for increased use of automatic data processing and electronic data transmission".

The Commission Regulation (EEC) No 3590/92 of 11 December 1992 concerning the statistical information media for statistics on Trade between Member States (OJ No L 364, 12.12.92) states that "it is important to provide the Competent Authorities with all technical details required for the printing of the INTRASTAT forms" and "it is necessary to take account of other modes of transmitting information, and in particular, to promote the use of magnetic or electronic information media".

Information and notices from the Commission on the "Explanatory notes to the INTRASTAT forms referred to in Article 2 of Commission Regulation (EEC) No 3590/92" (OJ No C 349, 31.12.92) give PSIs the necessary guidelines to complete the INTRASTAT forms and provide the statistics on trade between Member States.

### 3. MIG VERSION

The difference between this version 6.2 and the previous version 6.1 is that the Intrastat System Implementation Model version 6.2 is the basis of INSTAT/XML. There is no change in INSTAT/XML neither in this MIG.

The differences between the version 6.1 and the previous version 1.0 are the following:

- Declaration level: Conditional **CurrencyCode** attribute is removed from **totalInvoicedAmount** and **totalStatisticalValue** elements; reason: the currency code is already an element at declaration level;
- Item level: Conditional **GI** attribute is removed from **MSConsDestCode** and **CountryOfOriginCode** ; reason: the country codes are only ISO codes;
- Item level: Conditional **currencyCode** attribute is removed from **statisticalValue** element; reason: the currency code of the statistical value is already given at declaration level.

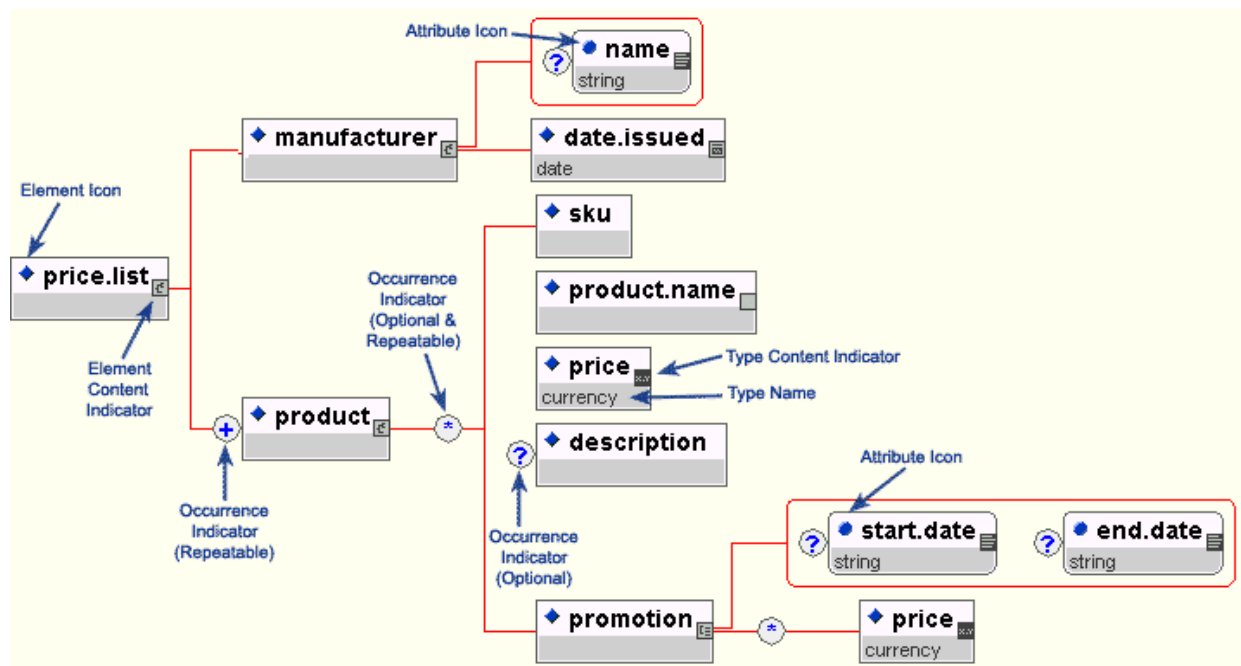
## 4. INSTAT/XML DIAGRAM

This diagram describes the structure of the elements and attributes of the message definition.

By defining what elements may be found within what elements, a structure for the message definition is established. This structure can be thought of as a tree where the "root" is the encompassing element and its branches are the elements and attributes that may be contained within it (as defined by the content model). In turn each branch may have branches defined by their content model.

### 4.1. Conventions and definitions of data types

The following example gives the conventions used to represent the elements, attributes, types and occurrences.



Occurrences of elements and attributes are represented by:

- "nothing" meaning one and one time only,
- ? meaning zero or one time,
- \* meaning zero or more times,
- + meaning one or more times.

Elements contain other element(s) or like attributes, they can have the following types:

- **string**, "string" data type represents character strings in XML;
- **boolean**, "boolean" data type represents the set of literals {true, false};
- **date**, "date" is represented by **CCYY-MM-DD** where "CC" represents the century, "YY" the year, "MM" the month and "DD" the day [ISO 8601];
- **time**, "time" is represented by **hh:mm:ss** where "hh", "mm", "ss" represent hour, minute and second respectively [ISO 8601];
- **integer**, "integer" is represented by a finite-length sequence of decimal digits (#x30-#x39) with an optional leading sign; if the sign is omitted, "+" is assumed;
- **anyURI** is finite-length character sequences, which result in strings which are legal URIs according to [RFC 2396], as amended by [RFC 2732];

- **decimal** is represented by of a finite-length sequence of decimal digits (#x30-#x39) separated by a decimal indicator; an optional leading sign is allowed; if the sign is omitted, "+" is assumed.

## 4.2. Diagram

The following convention is used:

- Element containing child elements has its name beginning by an upper-case, for example "Envelope";
- Element containing character data and attributes have their names beginning by a lower-case, for example "flowCode";
- The names of elements or attributes combining several names contain these names separated by an upper-case, for example "statisticalValue" for "statistical value";
- Acronyms are in upper-case, for example "INSTAT" or "PSIID"; "INSTAT" is the acronym referring to the Intrastat declaration, "PSI" is the acronym for "Party responsible for providing statistical information in the Intrastat system";
- "Id" is the abbreviation of "Identification", for example "envelopeId" for "envelopeIdentification" (identification of the envelope).

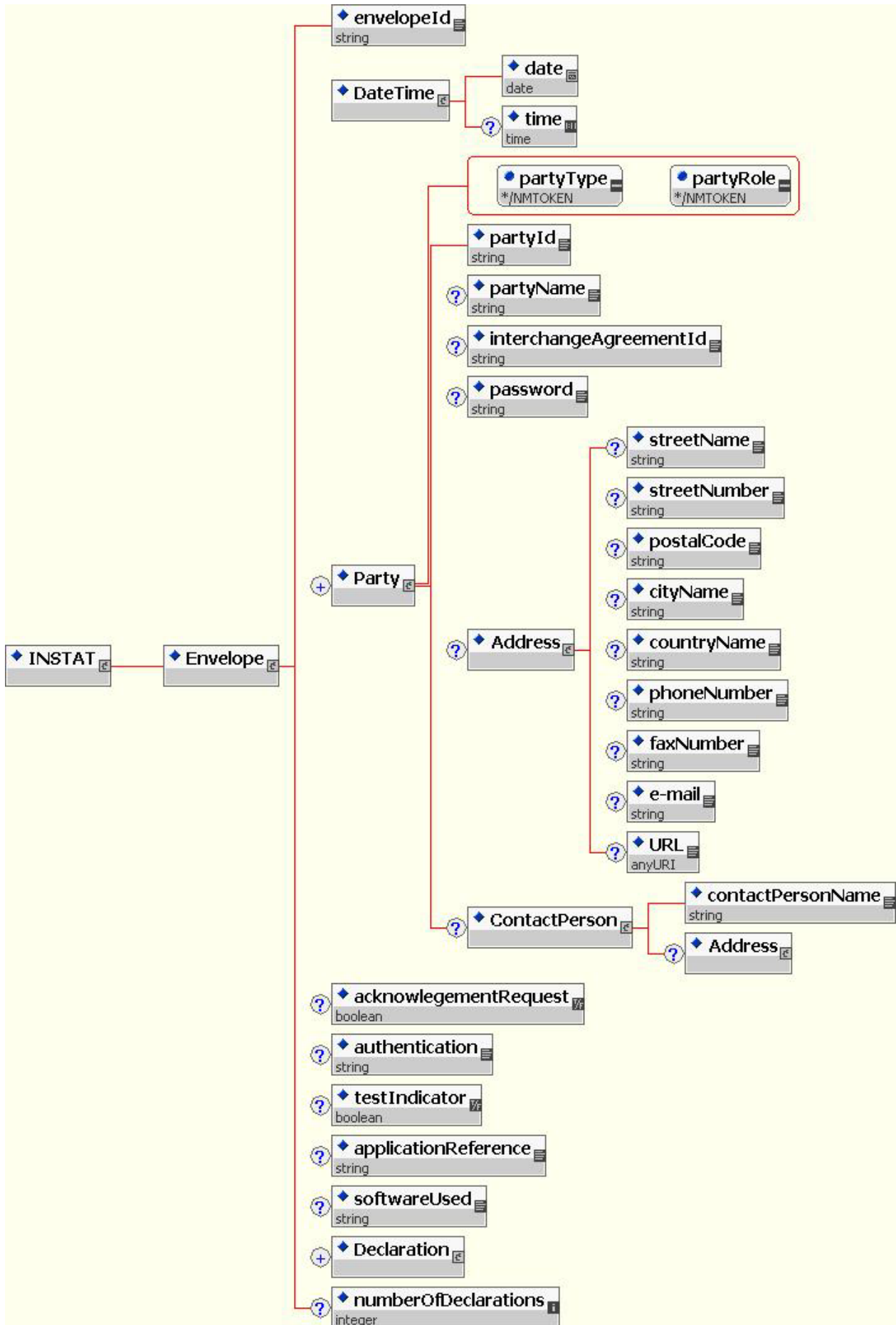
To make readable the diagram of INSTAT/XML, it is presented in three parts:

- First part: Details related to the envelope. The class diagram of the INSTAT message is the basis of INSTAT/XML. INSTATEnvelope root class of the class diagram becomes INSTAT and Envelope first elements of INSTAT/XML. The envelope contains an identification (envelopeId), a date and time of creation (DateTime), different parties involved in the exchange of the envelope, other information like acknowledgement request, software used, etc ... 1 to n Intrastat declarations and the number of declarations contained in the envelope.
- Second part: Details related to the declarations. Each declaration contains identification (declarationId), different elements defining it, 0 to n statistical items and the total number of items (totalNumberLines).
- Third part: Details related to the items of a declaration. Each item contains identification (itemNumber) and its own elements.

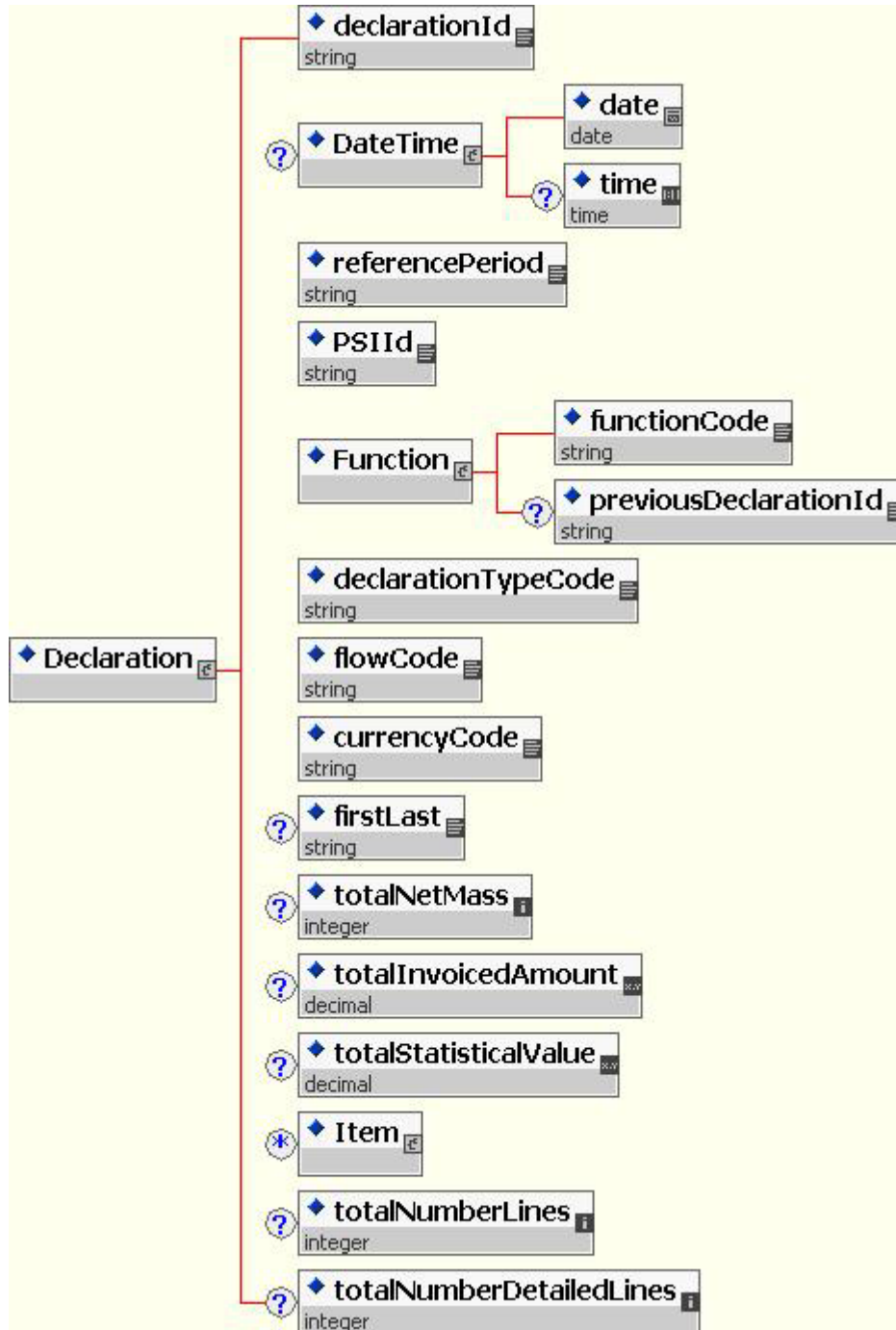
The following diagram corresponds with the schema of INSTAT/XML in XSDL.



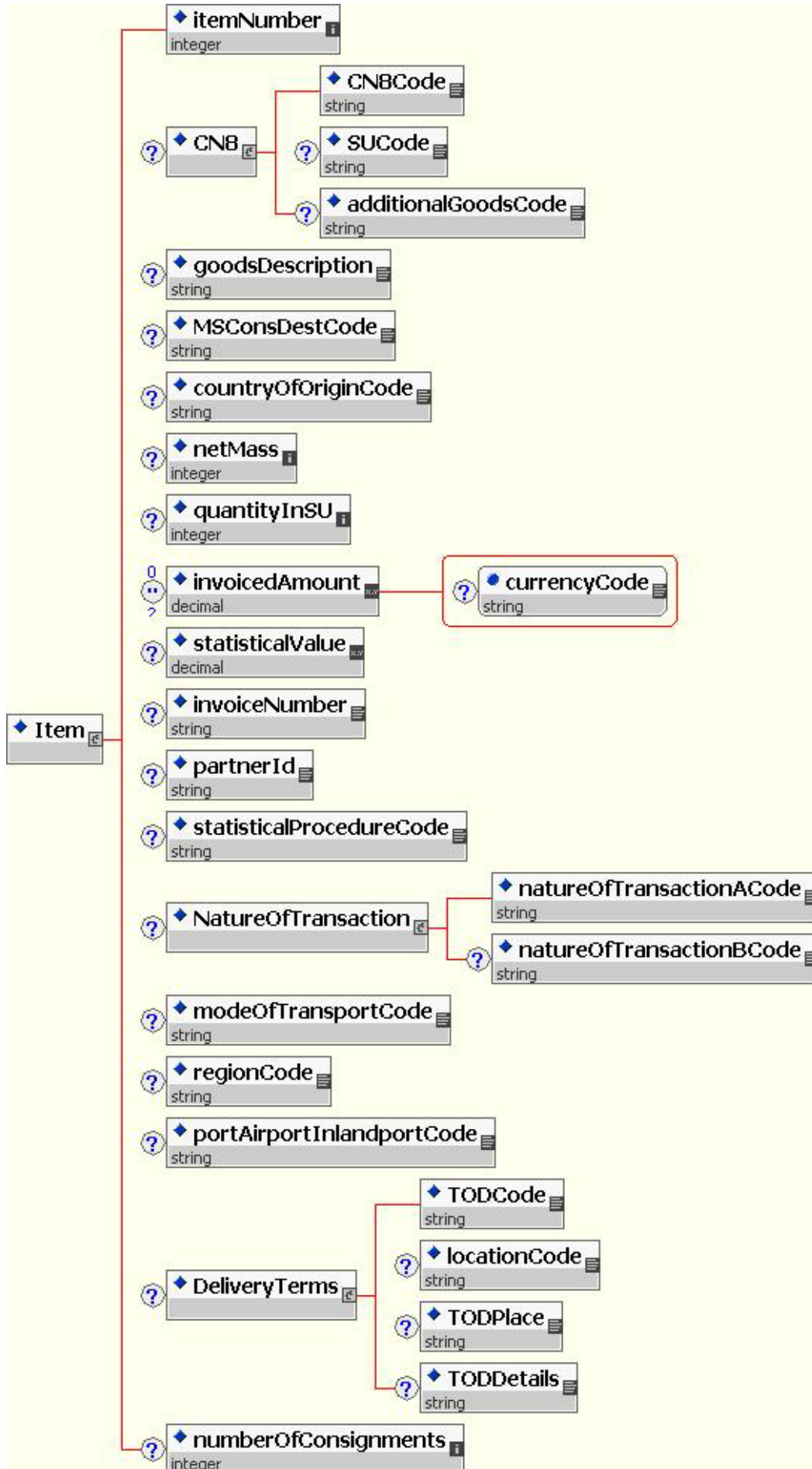
First part: Details related to the envelope



## Second part: Details related to the declaration



Third part: Details related to the item



## 5. DESCRIPTION OF PROLOG

XML documents should begin with an XML declaration which specifies the version of XML being used.

```
<?xml version '1.0' encoding='ISO-8859-1'?>
```

**xml version '1.0':** Version of the XML declaration. Version 1.0 means conformance to W3C recommendation of XML (2nd edition, 6/10/2000).

**Encoding='ISO-8859-1':** Encoding of the XML declaration. Default value is UTF-16, 'ISO-8859-1' corresponds with "8-bit single-byte coded graphic character sets-Part 1: Latin alphabet No. 1", **'ISO-8859-7':** corresponds with "8-bit single-byte coded graphic character sets-Part 7: Latin/Greek alphabet".

### EXAMPLE

```
<?xml version="1.0" encoding="ISO-8859-1"?>
```

INSTAT/XML is well-formed. INSTAT/XML document can be validated by a Document Type Declaration or an XML schema. In this case, the prolog of INSTAT/XML must contain one of the two following instructions referring to the DTD or XML schema validating INSTAT/XML.

```
<!DOCTYPE INSTAT SYSTEM "instat62.dtd">
```

Optional, document type declaration validating the INSTAT/XML document. This Document Type Definition (DTD) is the "instat62.dtd" file.

### EXAMPLE

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<!DOCTYPE INSTAT SYSTEM "instat62.dtd">
```

```
<INSTAT xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="instat62.xsd">
```

Optional, XML schema validating the INSTAT/XML documents. This schema is the "instat62.xsd" (XSD: XML Schema Definition language [W3C Recommendation, 2 May 2001]).

### EXAMPLE

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<INSTAT xmlns:xsi="http://www.w3.org/2000/10/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="instat62.xsd">
```

## 6. CROSS REFERENCE

This table shows the cross-reference between the information to be collected and the elements of INSTAT/XML.

### 6.1. Table with information sorted in alphabetical order

<i>Information</i>	<i>INSTAT/XML element</i>	<i>Page</i>
Additional goods code	<a href="#">INSTAT/Envelope/Declaration/Item/CN8/additionalGoodsCode</a>	33
Address	<a href="#">INSTAT/Envelope/Party/Address</a>	21
Application reference	<a href="#">INSTAT/Envelope/applicationReference</a>	25
Authentication	<a href="#">INSTAT/Envelope/authentication</a>	25
City name	<a href="#">INSTAT/Envelope/Party/Address/cityName</a>	22
Commodity Code	<a href="#">INSTAT/Envelope/Declaration/Item/CN8/CN8Code</a>	32
Consignments	<a href="#">INSTAT/Envelope/Declaration/Item/numberOfConsignments</a>	41
Country name	<a href="#">INSTAT/Envelope/Party/Address/countryName</a>	22
Country of origin	<a href="#">INSTAT/Envelope/Declaration/Item/countryOfOriginCode</a>	34
Currency of the Intrastat declaration	<a href="#">INSTAT/Envelope/Declaration/currencyCode</a>	29
Date and time of creation of the declaration	<a href="#">INSTAT/Envelope/Declaration/DateTime</a>	26
Date and time of creation of the envelope	<a href="#">INSTAT/Envelope/DateTime</a>	18
Delivery terms	<a href="#">INSTAT/Envelope/Declaration/Item/DeliveryTerms</a>	40
Description of the goods	<a href="#">INSTAT/Envelope/Declaration/Item/goodsDescription</a>	33
E-mail address	<a href="#">INSTAT/Envelope/Party/Address/e-mail</a>	23
Fax number	<a href="#">INSTAT/Envelope/Party/Address/faxNumber</a>	23
First/Last declaration indicator	<a href="#">INSTAT/Envelope/Declaration/firstLast</a>	30
Flow	<a href="#">INSTAT/Envelope/Declaration/flowCode</a>	29
Function of the declaration	<a href="#">INSTAT/Envelope/Declaration/Function</a>	28
Identification of the declaration	<a href="#">INSTAT/Envelope/Declaration/declarationId</a>	26
Identification of the envelope	<a href="#">INSTAT/Envelope/envelopeId</a>	18
Identification of the Interchange Agreement	<a href="#">INSTAT/Envelope/Party/interchangeAgreementId</a>	20
Identification of the Intrastat declaration to be corrected	<a href="#">INSTAT/Envelope/Declaration/Function/previousDeclarationId</a>	28
Invoice number	<a href="#">INSTAT/Envelope/Declaration/Item/invoiceNumber</a>	36
Invoiced amount	<a href="#">INSTAT/Envelope/Declaration/Item/invoicedAmount</a>	35
Item number	<a href="#">INSTAT/Envelope/Declaration/Item/itemNumber</a>	31
Member State of consignment/destination	<a href="#">INSTAT/Envelope/Declaration/Item/MSConsDestCode</a>	33
Mode of transport	<a href="#">INSTAT/Envelope/Declaration/Item/modeOfTransportCode</a>	39
Nature of transaction	<a href="#">INSTAT/Envelope/Declaration/Item/NatureOfTransaction</a>	37

<b>Information</b>	<b>INSTAT/XML element</b>	<b>Page</b>
Net mass	<a href="#">INSTAT/Envelope/Declaration/Item/netMass</a>	34
Partner	<a href="#">INSTAT/Envelope/Declaration/Item/partnerId</a>	36
Party	<a href="#">INSTAT/Envelope/Party</a>	19
Party identification	<a href="#">INSTAT/Envelope/Party/PartyId</a>	20
Party name	<a href="#">INSTAT/Envelope/Party/partyName</a>	20
Password to permit access to CNA	<a href="#">INSTAT/Envelope/Party/password</a>	21
Person to be contacted	<a href="#">INSTAT/Envelope/Party/ContactPerson</a>	24
Phone number	<a href="#">INSTAT/Envelope/Party/Address/phoneNumber</a>	23
Port/Airport/Inland port	<a href="#">INSTAT/Envelope/Declaration/Item/portAirportInlandportCode</a>	39
Position of a building on a street	<a href="#">INSTAT/Envelope/Party/Address/streetNumber</a>	22
Postal code	<a href="#">INSTAT/Envelope/Party/Address/postalCode</a>	22
PSI responsible of the declaration	<a href="#">INSTAT/Envelope/Declaration/PSIID</a>	27
Reference period	<a href="#">INSTAT/Envelope/Declaration/referencePeriod</a>	27
Region	<a href="#">INSTAT/Envelope/Declaration/Item/regionCode</a>	39
Request for an acknowledgement	<a href="#">INSTAT/Envelope/acknowledgementRequest</a>	24
Software generating Intrastat	<a href="#">INSTAT/Envelope/softwareUsed</a>	25
Statistical procedure	<a href="#">INSTAT/Envelope/Declaration/Item/statisticalProcedureCode</a>	36
Statistical value	<a href="#">INSTAT/Envelope/Declaration/Item/statisticalValue</a>	35
Street name	<a href="#">INSTAT/Envelope/Party/Address/streetName</a>	21
Supplementary units code	<a href="#">INSTAT/Envelope/Declaration/Item/CN8/SUCode</a>	32
Supplementary units quantity	<a href="#">INSTAT/Envelope/Declaration/Item/quantityInSU</a>	34
Test indicator	<a href="#">INSTAT/Envelope/testIndicator</a>	25
Total invoiced amount for the declaration	<a href="#">INSTAT/Envelope/Declaration/totalInvoicedAmount</a>	30
Total number of declarations	<a href="#">INSTAT/Envelope/numberOfDeclarations</a>	42
Total number of detailed lines	<a href="#">INSTAT/Envelope/Declaration/totalNumberDetailedLines</a>	42
Total number of lines	<a href="#">INSTAT/Envelope/Declaration/totalNumberLines</a>	42
Total quantity of goods in net mass, for the declaration	<a href="#">INSTAT/Envelope/Declaration/totalNetMass</a>	30
Total statistical value for the declaration	<a href="#">INSTAT/Envelope/Declaration/totalStatisticalValue</a>	30
Type of declaration (threshold)	<a href="#">INSTAT/Envelope/Declaration/declarationTypeCode</a>	29
URL	<a href="#">INSTAT/Envelope/Party/Address/URL</a>	23

**6.2. Table with information sorted in order of the diagram of INSTAT/XML**

<i>Information</i>	<i>INSTAT/XML element</i>	<i>Page</i>
Identification of the envelope	<a href="#">INSTAT/Envelope/envelopeId</a>	18
Date and time of creation of the envelope	<a href="#">INSTAT/Envelope/DateTime</a>	18
Party	<a href="#">INSTAT/Envelope/Party</a>	19
Party identification	<a href="#">INSTAT/Envelope/Party/PartyId</a>	20
Party name	<a href="#">INSTAT/Envelope/Party/partyName</a>	20
Identification of the Interchange Agreement	<a href="#">INSTAT/Envelope/Party/interchangeAgreementId</a>	20
Password to permit access to CNA	<a href="#">INSTAT/Envelope/Party/password</a>	21
Address	<a href="#">INSTAT/Envelope/Party/Address</a>	21
Street name	<a href="#">INSTAT/Envelope/Party/Address/streetName</a>	21
Position of a building on a street	<a href="#">INSTAT/Envelope/Party/Address/streetNumber</a>	22
Postal code	<a href="#">INSTAT/Envelope/Party/Address/postalCode</a>	22
City name	<a href="#">INSTAT/Envelope/Party/Address/cityName</a>	22
Country name	<a href="#">INSTAT/Envelope/Party/Address/countryName</a>	22
Phone number	<a href="#">INSTAT/Envelope/Party/Address/phoneNumber</a>	23
Fax number	<a href="#">INSTAT/Envelope/Party/Address/faxNumber</a>	23
E-mail address	<a href="#">INSTAT/Envelope/Party/Address/e-mail</a>	23
URL	<a href="#">INSTAT/Envelope/Party/Address/URL</a>	23
Person to be contacted	<a href="#">INSTAT/Envelope/Party/ContactPerson</a>	24
Request for an acknowledgement	<a href="#">INSTAT/Envelope/acknowledgementRequest</a>	24
Authentication	<a href="#">INSTAT/Envelope/authentication</a>	25
Test indicator	<a href="#">INSTAT/Envelope/testIndicator</a>	25
Application reference	<a href="#">INSTAT/Envelope/applicationReference</a>	25
Software generating Intrastat	<a href="#">INSTAT/Envelope/softwareUsed</a>	25
Identification of the declaration	<a href="#">INSTAT/Envelope/Declaration/declarationId</a>	26
Date and time of creation of the declaration	<a href="#">INSTAT/Envelope/Declaration/DateTime</a>	26
Reference period	<a href="#">INSTAT/Envelope/Declaration/referencePeriod</a>	27
PSI responsible of the declaration	<a href="#">INSTAT/Envelope/Declaration/PSIID</a>	27
Function of the declaration	<a href="#">INSTAT/Envelope/Declaration/Function</a>	28
Identification of the Intrastat declaration to be corrected	<a href="#">INSTAT/Envelope/Declaration/Function/previousDeclarationId</a>	28
Type of declaration (threshold)	<a href="#">INSTAT/Envelope/Declaration/declarationTypeCode</a>	29
Flow	<a href="#">INSTAT/Envelope/Declaration/flowCode</a>	29
Currency of the Intrastat declaration	<a href="#">INSTAT/Envelope/Declaration/currencyCode</a>	29
First/Last declaration indicator	<a href="#">INSTAT/Envelope/Declaration/firstLast</a>	30



<b>Information</b>	<b>INSTAT/XML element</b>	<b>Page</b>
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## 7. DESCRIPTION OF ELEMENTS

This section contains the description of every element of INSTAT/XML presented in the order of the diagram given in section 4.

On the right side of each page, a "tree" represents a part of the diagram of INSTAT/XML, which contains the elements described on this page. These elements are in bold characters on a grey background. The other elements of INSTAT/XML located before or after these elements in the diagram are shown in *Italic*.

### **INSTAT**

#### **FUNCTION**

Root element of INSTAT, the XML document for exchanging Intrastat declarations.

#### **CONTENT/TYPE**

<i>Element</i>	<i>Occurrences</i>
Envelope	1

### **<INSTAT>**

#### **<Envelope>**

```

<envelopeId>
<DateTime>
<Party>
<acknowledgementRequest>
<authentication>
<testIndicator>
<applicationReference>
<softwareUsed>
<Declaration>
<numberOfDeclarations>

```

### **INSTAT/Envelope**

1 occurrence.

#### **FUNCTION**

Header for the submission of one or more Intrastat declarations.

#### **CONTENT/TYPE**

**Envelope** contains the following elements in sequence:

<i>Element</i>	<i>Occurrences</i>
envelopeId	1
DateTime	1
Party	2 to n
acknowledgementRequest	0 to 1
authentication	0 to 1
testIndicator	0 to 1
applicationReference	0 to 1
softwareUsed	0 to 1
Declaration	1 to n
NumberOfDeclarations	0 to 1

**INSTAT/Envelope/envelopeId**

1 occurrence.

**FUNCTION**

Identification code of the envelope.

**CONTENT/TYPE**

**envelopeId** has the type "[string](#)".

**EXAMPLE**

```
<envelopeId>AA010701</envelopeId>
```

```
<INSTAT>
  <Envelope>
    <envelopeId>
      <DateTime>
        <date>
          <time>
            <Party>
              <acknowledgementRequest>
                <authentication>
                  <testIndicator>
                    <applicationReference>
                      <softwareUsed>
                        <Declaration>
                          <numberOfDeclarations>
```

**INSTAT/Envelope/DateTime**

1 occurrence.

**FUNCTION**

Date and time of creation of the envelope.

**CONTENT/TYPE**

**DateTime** contains the following elements in sequence:

<i>Element</i>	<i>Occurrences</i>
date	1
time	0 to 1

**INSTAT/Envelope/DateTime/date**

1 occurrence.

**FUNCTION**

Date of creation of the envelope.

**CONTENT/TYPE**

**date** has the type "[date](#)", represented by **CCYY-MM-DD**.

**EXAMPLE**

```
<date>2001-07-06</date>
```

**INSTAT/Envelope/DateTime/time**

1 occurrence, depends if the Member State requires this element.

**FUNCTION**

Time of creation of the envelope.

**CONTENT/TYPE**

**time** has the type "[time](#)" represented by **hh:mm:ss**.

**EXAMPLE**

```
<time>13:34:05</time>
```

**INSTAT/Envelope/Party**

2 to n occurrences. At least the two occurrences with attribute PartyRole="sender" and "receiver" are mandatory.

**FUNCTION**

**Party** means the entities involved in the exchange of the envelope containing the Intrastat declarations which are:

- the Collecting Centre ("CC", Data collection office designated by the Competent National Authorities) which will receive the envelope (mandatory),
- either the PSI (Party responsible for providing statistical information in the Intrastat system) or the TDP (Declaring Third Party submitting the Intrastat declarations on behalf of a PSI) sending the envelope (mandatory),
- 1 to n PSIs responsible of the declarations contained in the envelope (optional).

**CONTENT/TYPE**

**Party** contains the following elements in sequence:

<i>Element</i>	<i>Occurrences</i>
partyId	1
partyName	0 to 1
interchangeAgreementId	0 to 1
password	0 to 1
Address	0 to 1
ContactPerson	0 to 1

**ATTRIBUTES**

**Party** contains the following mandatory attributes:

<i>Attribute</i>	<i>Description</i>	<i>Constraint</i>	<i>Use</i>
<b>partyType</b>	Party has the type "PSI", "TDP", or "CC".	PSI TDP CC	required
<b>partyRole</b>	Party has the role "sender", "receiver" or "PSI".	sender receiver PSI	required

**DESCRIPTION**

The different following options are possible:

- **partyType="TDP", partyRole="sender"**:  
Party is both TDP and sender of the INSTAT envelope for one or more declarations for him or on behalf of one or more PSIs. In this case, Party can also contain one or more optional occurrences defining PSIs with:
  - **partyType="PSI", partyRole="PSI"**  
Party is a PSI for whom declarations are reported but is not the sender of the envelope (optional).
- **partyType="PSI", partyRole="sender"**  
Party is a PSI and the sender of the INSTAT envelope for one or more declarations.
- **partyType="CC", partyRole="receiver"**  
Party is the Collecting Centre receiving the INSTAT envelope.

**EXAMPLE**

```
<Party partyType="TDP" partyRole="sender">
```

```
</INSTAT>
<Envelope>
  <envelopeId>
  <DateTime>
    <date>
    <time>
  <Party PartyType PartyRole>
    <partyId>
    <partyName>
    <interchangeAgreementId>
    <password>
    <Address>
    <ContactPerson>
  <acknowledgementRequest>
  <authentication>
  <testIndicator>
  <applicationReference>
  <softwareUsed>
  <Declaration>
  <numberOfDeclarations>
```

**INSTAT/Envelope/Party/PartyId**

1 occurrence.

**FUNCTION**

Identification code of the Party, which can be the:

- Collecting Centre,
- Provider of Statistical Information,
- Declaring Third Party.

**CONTENT/TYPE**

**partyId** has the type "[string](#)".

**EXAMPLE**

```
<partyId>FRAG35383264500001</partyId>
```

```
<Party PartyType PartyRole>
```

```
<partyId>
```

```
<partyName>
```

```
<interchangeAgreementId>
```

```
<password>
```

```
<Address>
```

```
<ContactPerson>
```

**INSTAT/Envelope/Party/partyName**

1 occurrence, depends if the Member State requires this element.

**FUNCTION**

Name of the party, which can be the name of the:

- Collecting Centre,
- Provider of Statistical Information,
- Declaring Third Party.

**CONTENT/TYPE**

**partyName** has the type "[string](#)".

**EXAMPLE**

```
<partyName>PSI Enterprise</partyName>
```

**INSTAT/Envelope/Party/interchangeAgreementId**

1 occurrence, depends if the Member State requires this element.

**FUNCTION**

Identification code of the Interchange agreement existing between the two parties, in fact the sender (partyType="TDP" or "PSI", partyRole="sender") and the receiver (partyType="CC", partyRole="receiver") of the INSTAT envelope.

**CONTENT/TYPE**

**interchangeAgreementId** has the type "[string](#)".

**EXAMPLE**

```
<interchangeAgreementId>AG1020</interchangeAgreementId>
```

**INSTAT/Envelope/Party/password**

1 occurrence, depends if the Member State requires this element.

**FUNCTION**

Password to permit access to the CNA system (Competent National Administration (or Authority) responsible for compiling statistics relating to the trading of goods between Member States).

This would be specified in a prior interchange agreement between the parties, in fact the sender (partyType="TDP" or "PSI", partyRole="sender") and the receiver (partyType="CC", partyRole="receiver") of the INSTAT envelope.

**CONTENT/TYPE**

**password** has the type "[string](#)".

**EXAMPLE**

```
<password>Mot2</password>
```

```
<Party PartyType PartyRole>
  <partyId>
  <partyName>
  <interchangeAgreementId>
  <password>
  <Address>
    <streetName>
    <streetNumber>
    <postalCode>
    <cityName>
    <countryName>
    <phoneNumber>
    <faxNumber>
    <e-mail>
    <URL>
  <ContactPerson>
```

**INSTAT/Envelope/Party/Address**

1 occurrence, depends if the Member State requires this element.

**FUNCTION**

Address elements common to the PSI, TDP, Collecting Centre and Contact person like postal address, phone, fax, e-mail, URL.

**CONTENT/TYPE**

**Address** contains the following elements in sequence:

<i>Element</i>	<i>Occurrences</i>
streetName	0 to 1
streetNumber	0 to 1
postalCode	0 to 1
cityName	0 to 1
countryName	0 to 1
phoneNumber	0 to 1
faxNumber	0 to 1
e-mail	0 to 1
URL	0 to 1

**INSTAT/Envelope/Party/Address/streetName**

1 occurrence, depends if the Member State requires this element.

**FUNCTION**

Name of the street.

**CONTENT/TYPE**

**streetName** has the type "[string](#)".

**EXAMPLE**

```
<streetName>Lilas Street</streetName>
```

**INSTAT/Envelope/Party/Address/streetNumber**

1 occurrence, depends if the Member State requires this element.

**FUNCTION**

Number identifying the position of a building on a street.

**CONTENT/TYPE**

**streetNumber** has the type "[string](#)".

**EXAMPLE**

```
<streetNumber>18</streetNumber>
```

```
<Address>
  <streetName>
  <streetNumber>
  <postalCode>
  <cityName>
  <countryName>
  <phoneNumber>
  <faxNumber>
  <e-mail>
  <URL>
```

**INSTAT/Envelope/Party/Address/postalCode**

1 occurrence, depends if the Member State requires this element.

**FUNCTION**

Postal code.

**CONTENT/TYPE**

**postalCode** has the type "[string](#)".

**EXAMPLE**

```
<postalCode>75000</postalCode>
```

**INSTAT/Envelope/Party/Address/cityName**

1 occurrence, depends if the Member State requires this element.

**FUNCTION**

Name of the city.

**CONTENT/TYPE**

**cityName** has the type "[string](#)".

**EXAMPLE**

```
<cityName>Paris</cityName>
```

**INSTAT/Envelope/Party/Address/countryName**

1 occurrence, depends if the Member State requires this element.

**FUNCTION**

Name of the country.

**CONTENT/TYPE**

**countryName** has the type "[string](#)".

**EXAMPLE**

```
<countryName>France</countryName>
```

**INSTAT/Envelope/Party/Address/phoneNumber**

1 occurrence, depends if the Member State requires this element.

**FUNCTION**

Phone number.

**CONTENT/TYPE**

**phoneNumber** has the type "[string](#)".

**EXAMPLE**

```
<phoneNumber>00 33 55 44 66</phoneNumber>
```

```
<Address>
  <streetName>
  <streetNumber>
  <postalCode>
  <cityName>
  <countryName>
  <phoneNumber>
  <faxNumber>
  <e-mail>
  <URL>
```

**INSTAT/Envelope/Party/Address/faxNumber**

1 occurrence, depends if the Member State requires this element.

**FUNCTION**

Fax number.

**CONTENT/TYPE**

**faxNumber** has the type "[string](#)".

**EXAMPLE**

```
<faxNumber>00 33 77 88 99</faxNumber>
```

**INSTAT/Envelope/Party/Address/e-mail**

1 occurrence, depends if the Member State requires this element.

**FUNCTION**

Electronic mail address.

**CONTENT/TYPE**

**e-mail** has the type "[string](#)".

**EXAMPLE**

```
<e-mail>tdp@tdp.isp.fr</e-mail>
```

**INSTAT/Envelope/Party/Address/URL**

1 occurrence, depends if the Member State requires this element.

**FUNCTION**

Uniform Resource Locator.

**CONTENT/TYPE**

**URL** has the type "[anyURI](#)".

**EXAMPLE**

```
<URL>http://www.PSIcompany.fr</URL>
```

**INSTAT/Envelope/Party/ContactPerson**

1 occurrence, depends if the Member State requires this element.

**FUNCTION**

Person to be contacted for the Intrastat declaration associated with the Party, which is a PSI, TDP or a Collecting Centre.

**CONTENT/TYPE**

**ContactPerson** contains the following elements in sequence:

<i>Element</i>	<i>Occurrences</i>
contactPersonName	1
Address	0 to 1

**INSTAT/Envelope/Party/ContactPerson/contactPersonName**

1 occurrence.

**FUNCTION**

Name of the contact person.

**CONTENT/TYPE**

**contactPersonName** has the type "[string](#)".

**EXAMPLE**

```
<contactPersonName>Mr Contact</contactPersonName>
```

**INSTAT/Envelope/Party/ContactPerson/Address**

1 occurrence, depends if the Member State requires this element.

**FUNCTION**

Address elements of Contact person like postal address, phone, fax, e-mail, URL. For more details, refer to [Address](#) element described as a sub-element of [Party](#).

**INSTAT/Envelope/acknowledgementRequest**

1 occurrence, depends if the Member State requires this element.

**FUNCTION**

Request for acknowledgement of the receipt of the envelope.

**CONTENT/TYPE**

**acknowledgementRequest** has the type "[boolean](#)" with the value "true" because **acknowledgementRequest** is sent only if a request for acknowledgement is required.

**EXAMPLE**

```
<acknowledgementRequest>true</acknowledgementRequest>
```

```
<INSTAT>
  <Envelope>
    <envelopeId>
    <DateTime>
      <date>
      <time>
    <Party PartyType PartyRole>
      <partyId>
      <partyName>
      <interchangeAgreementId>
      <password>
      <Address>
        <streetName>
        <streetNumber>
        <postalCode>
        <cityName>
        <countryName>
        <phoneNumber>
        <faxNumber>
        <e-mail>
        <URL>
      <ContactPerson>
        <ContactPersonName>
        <Address>
          <streetName>
          <streetNumber>
          <postalCode>
          <cityName>
          <countryName>
          <phoneNumber>
          <faxNumber>
          <e-mail>
          <URL>
```

```
<acknowledgementRequest>
```



**INSTAT/Envelope/authentication**

1 occurrence, depends if the Member State requires this element.

**FUNCTION**

Authentication code resulting from an authentication procedure (e.g. use of PSI password in France or electronic signature in Austria).

**CONTENT/TYPE**

**authentication** has the type "[string](#)".

**EXAMPLE**

```
<authentication>AUT1458</authentication>
```

```
<INSTAT>
  <Envelope>
    <envelopeId>
    <DateTime>
    <Party>
    <acknowledgementRequest>
    <authentication>
    <testIndicator>
    <applicationReference>
    <softwareUsed>
    <Declaration>
    <numberOfDeclarations>
```

**INSTAT/Envelope/testIndicator**

1 occurrence, depends if the Member State requires this element.

**FUNCTION**

Code indicating if the submission is a test.

**CONTENT/TYPE**

**testIndicator** has the type "[boolean](#)" with the value "true" because **testIndicator** is sent only for indicating that the submission is a test.

**EXAMPLE**

```
<testIndicator>true</testIndicator>
```

**INSTAT/Envelope/applicationReference**

1 occurrence, depends if the Member State requires this element.

**FUNCTION**

Application reference assigned by the CNA to the application, which must receive the message.

**CONTENT/TYPE**

**applicationReference** has the type "[string](#)".

**EXAMPLE**

```
<applicationReference>Instat_App</applicationReference>
```

**INSTAT/Envelope/softwareUsed**

1 occurrence, depends if the Member State requires this element.

**FUNCTION**

Software used by the PSI or TDP for generating the declarations (e.g. IDEP/CN8).

**CONTENT/TYPE**

**softwareUsed** has the type "[string](#)".

**EXAMPLE**

```
<softwareUsed>SW=IDEP;V4.1.0;MSRelease=24/11/2000;MSVersion=3.3.2;OS=W98</softwareUsed>
```

**INSTAT/Envelope/Declaration**

1 to n occurrences.

**FUNCTION**

Intrastat declaration: Statistical declaration of intra-Community trade in goods.

**CONTENT/TYPE**

**Declaration** contains the following elements in sequence:

<i>Element</i>	<i>Occurrences</i>
declarationId	1
DateTime	0 to 1
referencePeriod	1
PSIID	1
Function	1
declarationTypeCode	1
flowCode	1
currencyCode	1
firstLast	0 to 1
totalNetMass	0 to 1
totalInvoicedAmount	0 to 1
totalStatisticalValue	0 to 1
Item	0 to n
totalNumberLines	0 to 1
totalNumberDetailedLines	0 to 1

```

<INSTAT>
  <Envelope>
    <envelopeId>
    <DateTime>
    <Party>
    <acknowledgementRequest>
    <authentication>
    <testIndicator>
    <applicationReference>
    <softwareUsed>
    <Declaration>
      <declarationId>
      <DateTime>
        <date>
        <time>
      <referencePeriod>
      <PSIID>
      <Function>
      <declarationTypeCode>
      <flowCode>
      <currencyCode>
      <firstLast>
      <totalNetMass>
      <totalInvoicedAmount>
      <totalStatisticalValue>
      <Item>
      <totalNumberLines>
      <totalNumberDetailedLines>
    </numberOfDeclarations>
  </Envelope>
</INSTAT>

```

**INSTAT/Envelope/Declaration/declarationId**

1 occurrence.

**FUNCTION**

Identification of the Intrastat declaration.

**CONTENT/TYPE**

**declarationId** has the type "[string](#)".

**EXAMPLE**

```
<declarationId>000013</declarationId>
```

**INSTAT/Envelope/Declaration/DateTime**

1 occurrence, depends if the Member State requires this element.

**FUNCTION**

Date and time of creation of the Intrastat declaration. For more details, refer to [DateTime](#) element described as a sub-element of [Envelope](#).

**INSTAT/Envelope/Declaration/referencePeriod**

&lt;Declaration&gt;

1 occurrence.

&lt;declarationId&gt;

**FUNCTION**

&lt;DateTime&gt;

Reference period is composed of:

**<referencePeriod>**

- Periodicity: monthly, quarterly or yearly,
- Year of the period,
- Period number:
  - 1 to 12 for a monthly declaration,
  - 1 to 4 for a quarterly declaration,
  - Nothing for a yearly declaration.

**<PSIID>**

&lt;Function&gt;

&lt;declarationTypeCode&gt;

&lt;flowCode&gt;

&lt;currencyCode&gt;

&lt;firstLast&gt;

&lt;totalNetMass&gt;

&lt;totalInvoicedAmount&gt;

&lt;totalStatisticalValue&gt;

&lt;Item&gt;

&lt;totalNumberLines&gt;

&lt;totalNumberDetailedLines&gt;

**CONTENT/TYPE****referencePeriod** has the type "[string](#)".**referencePeriod** is represented by:

- **CCYY-MM** for a monthly period, where "CC" represents the century, "YY" the year, "MM" the month,
- **CCYY-Q** for a quarterly period, where "CC" represents the century, "YY" the year, "Q" the quarter with values equal to 1, 2, 3 or 4,
- **CCYY** for a yearly period, where "CC" represents the century, "YY" the year.

**EXAMPLE**

&lt;referencePeriod&gt;2001-05&lt;/referencePeriod&gt;

**INSTAT/Envelope/Declaration/PSIID**

1 occurrence.

**FUNCTION**

Identification code of the PSI associated with the Intrastat declaration.

**CONTENT/TYPE****PSIID** has the type "[string](#)".**EXAMPLE**

&lt;PSIID&gt;FRAG35383264500001&lt;/PSIID&gt;

**INSTAT/Envelope/Declaration/Function**

1 occurrence.

**FUNCTION**

Function of the Intrastat declaration.

The declaration is:

- Original (O),
- Nil return (N),

or the declaration:

- Deletes a previously sent declaration (D),
- Replaces a previously sent declaration (R),
- Modifies a previously sent declaration (M).

**CONTENT/TYPE**

**Function** contains the following elements in sequence:

<i>Element</i>	<i>Occurrences</i>
functionCode	1
previousDeclarationId	0 to 1

```

<Declaration>
  <declarationId>
  <DateTime>
  <referencePeriod>
  <PSIID>
  <Function>
    <functionCode>
    <previousDeclarationId>
  <declarationTypeCode>
  <flowCode>
  <currencyCode>
  <firstLast>
  <totalNetMass>
  <totalInvoicedAmount>
  <totalStatisticalValue>
  <Item>
  <totalNumberLines>
  <totalNumberDetailedLines>

```

**INSTAT/Envelope/Declaration/Function/functionCode**

1 occurrence.

**FUNCTION**

Code of the function of the declaration.

**CONTENT/TYPE**

**functionCode** has the type "[string](#)". The different values of **functionCode** are the following:

<i>Value</i>	<i>Description</i>
O	Original declaration
N	Nil declaration
D	Deletion of a previously sent declaration
R	Replacement of a previously sent declaration
M	Modification of a previously sent declaration

**EXAMPLE**

```
<functionCode>O</functionCode>
```

**INSTAT/Envelope/Declaration/Function/previousDeclarationId**

1 occurrence, only if [functionCode](#) is equal to "D", "R", "M".

**FUNCTION**

Identification of the Intrastat declaration to be corrected.

**CONTENT/TYPE**

**previousDeclarationId** has the type "[string](#)".

**EXAMPLE**

```
<previousDeclarationId>012</previousDeclarationId>
```

**INSTAT/Envelope/Declaration/declarationTypeCode**

1 occurrence.

**FUNCTION**

Depending on the MS, the statistical threshold ranges imply different types of declarations:

- Fiscal return,
- Simplified return,
- Detailed return,
- Very detailed return.

**CONTENT/TYPE**

**declarationTypeCode** has the type "[string](#)". The different values of **declarationTypeCode** are defined by the Member States.

**EXAMPLE**

```
<declarationTypeCode>1</declarationTypeCode>
```

```
<Declaration>
  <declarationId>
  <DateTime>
  <referencePeriod>
  <PSIID>
  <Function>
  <declarationTypeCode>
  <flowCode>
  <currencyCode>
  <firstLast>
  <totalNetMass>
  <totalInvoicedAmount>
  <totalStatisticalValue>
  <Item>
  <totalNumberLines>
  <totalNumberDetailedLines>
```

**INSTAT/Envelope/Declaration/flowCode**

1 occurrence.

**FUNCTION**

Flow of goods reported in the Intrastat declaration:

- Arrival,
- Dispatch.

**CONTENT/TYPE**

**flowCode** has the type "[string](#)". The different values of **flowCode** are the following:

<i>Value</i>	<i>Description</i>
A	Arrival of goods
D	Dispatch of goods

**EXAMPLE**

```
<flowCode>A</flowCode>
```

**INSTAT/Envelope/Declaration/currencyCode**

1 occurrence.

**FUNCTION**

Euro or currency identification code of the Member State. This code specifies the monetary unit in which the declaration is made.

**CONTENT/TYPE**

**currencyCode** has the type "[string](#)". [ISO 4217] code list is associated with **currencyCode**.

**EXAMPLE**

```
<currencyCode>EUR</currencyCode>
```

**INSTAT/Envelope/Declaration/firstLast**

1 occurrence, depends if the Member State requires this element.

**FUNCTION**

Information indicating if the declaration is the first declaration of the PSI or the last declaration of the PSI.

**CONTENT/TYPE**

**firstLast** has the type "[string](#)". The different values of **firstLast** are the following:

<i>Value</i>	<i>Description</i>
F	First declaration of the PSI
L	Last declaration of the PSI

**EXAMPLE**

```
<firstLast>F</firstLast>
```

```
<Declaration>
  <declarationId>
  <DateTime>
  <referencePeriod>
  <PSIID>
  <Function>
  <declarationTypeCode>
  <flowCode>
  <currencyCode>
  <firstLast>
  <totalNetMass>
  <totalInvoicedAmount>
  <totalStatisticalValue>
  <Item>
  <totalNumberLines>
  <totalNumberDetailedLines>
```

**INSTAT/Envelope/Declaration/totalNetMass**

1 occurrence, only if [functionCode](#) is equal to "O", "M" or "R" and depends if the Member State requires this element relating to the [declarationTypeCode](#).

**FUNCTION**

Total quantity of goods in net mass, for the declaration.

**CONTENT/TYPE**

**totalNetMass** has the type "[integer](#)".

**EXAMPLE**

```
<totalNetMass>1110</totalNetMass>
```

**INSTAT/Envelope/Declaration/totalInvoicedAmount**

1 occurrence, only if [functionCode](#) is equal to "O", "M" or "R" and depends if the Member State requires this element relating to the [declarationTypeCode](#).

**FUNCTION**

Total invoiced amount of the goods, for the declaration.

**CONTENT/TYPE**

**totalInvoicedAmount** has the type "[decimal](#)".

**EXAMPLE**

```
<totalInvoicedAmount>40000</totalInvoicedAmount>
```

**INSTAT/Envelope/Declaration/totalStatisticalValue**

1 occurrence, only if [functionCode](#) is equal to "O", "M" or "R" and depends if the Member State requires this element relating to the [declarationTypeCode](#).

**FUNCTION**

Total statistical value of the goods, for the declaration.

**CONTENT/TYPE**

**totalStatisticalValue** has the type "[decimal](#)".

**EXAMPLE**

```
<totalStatisticalValue>62000</totalStatisticalValue>
```

**INSTAT/Envelope/Declaration/Item**

Optional, 0 to n occurrences, only if [functionCode](#) is equal to "O", "R", "M".

**FUNCTION**

Item or line of the Intrastat declaration.

**CONTENT/TYPE**

**Item** contains the following elements in sequence:

<i>Element</i>	<i>Occurrences</i>
itemNumber	1
CN8	0 to 1
goodsDescription	0 to 1
MSConsDestCode	0 to 1
countryCodeOfOrigin	0 to 1
netMass	0 to 1
quantityInSU	0 to 1
invoicedAmount	0 to 2
statisticalValue	0 to 1
invoiceNumber	0 to 1
partnerId	0 to 1
statisticalProcedureCode	0 to 1
NatureOfTransaction	0 to 1
modeOfTransportCode	0 to 1
regionCode	0 to 1
portAirportInlandportCode	0 to 1
DeliveryTerms	0 to 1
numberOfConsignments	0 to 1

```

<Declaration>
  <declarationId>
  <DateTime>
  <referencePeriod>
  <PSIID>
  <Function>
  <declarationTypeCode>
  <flowCode>
  <currencyCode>
  <firstLast>
  <totalNetMass>
  <totalInvoicedAmount>
  <totalStatisticalValue>
  <Item>
    <itemNumber>
      <CN8>
      <goodsDescription>
      <MSConsDestCode>
      <countryOfOriginCode>
      <netMass>
      <quantityInSU>
      <invoicedAmount>
      <statisticalValue>
      <invoiceNumber>
      <partnerId>
      <statisticalProcedureCode>
      <NatureOfTransaction>
      <modeOfTransportCode>
      <regionCode>
      <portAirportInlandportCode>
      <DeliveryTerms>
      <numberOfConsignments>
    <totalNumberLines>
    <totalNumberDetailedLines>
  
```

**INSTAT/Envelope/Declaration/Item/itemNumber**

1 occurrence.

**FUNCTION**

Serial item (or line) number in an Intrastat declaration.

**CONTENT/TYPE**

**itemNumber** has the type "[integer](#)".

**EXAMPLE**

```
<itemNumber>1</itemNumber>
```

**INSTAT/Envelope/Declaration/Item/CN8**

1 occurrence, depends if the Member State requires this element relating to [declarationTypeCode](#) and [statisticalProcedureCode](#).

**FUNCTION**

Commodity code and associated information like supplementary units and additional goods code.

**CONTENT/TYPE**

**CN8** contains the following elements in sequence:

<i>Element</i>	<i>Occurrences</i>
CN8Code	1
SUCode	0 to 1
additionalGoodsCode	0 to 1

```

<Item>
  <itemNumber>
    <CN8>
      <CN8Code>
        <SUCode>
          <additionalGoodsCode>
        <goodsDescription>
        <MSConsDestCode>
        <countryOfOriginCode>
        <netMass>
        <quantityInSU>
        <invoicedAmount>
        <statisticalValue>
        <invoiceNumber>
        <partnerId>
        <statisticalProcedureCode>
        <NatureOfTransaction>
        <modeOfTransportCode>
        <regionCode>
        <portAirportInlandportCode>
        <DeliveryTerms>
        <numberOfConsignments>

```

**INSTAT/Envelope/Declaration/Item/CN8/CN8Code**

1 occurrence.

**FUNCTION**

Commodity code: eight-digit code of the appropriate subdivision in the version of the combined nomenclature in force at the time (CN). CN is the European Community's classification of goods, which meets requirements in terms of external trade statistics (both intra- and extra-Community) and the customs tariff within the meaning of Article 9 of the Treaty establishing the European Economic Community.

**CONTENT/TYPE**

**CN8Code** has the type "[string](#)". The code list associated to **CN8Code** is the Combined Nomenclature in force at the time.

**EXAMPLE**

```
<CN8Code>23099010</CN8Code>
```

**INSTAT/Envelope/Declaration/Item/CN8/SUCode**

1 occurrence, depends on the existence of the code of supplementary units associated with CN8 code in the Combined Nomenclature.

**FUNCTION**

Supplementary units code associated with CN8 code (if any).

**CONTENT/TYPE**

**SUCode** has the type "[string](#)". The code list associated to **SUCode** is in the Combined Nomenclature in force at the time.

**EXAMPLE**

```
<SUCode>NPR</SUCode>
```



**INSTAT/Envelope/Declaration/Item/CN8/additionalGoodsCode**

1 occurrence, depends if the Member State has associated this code with a CN8 code.

**FUNCTION**

Additional national subdivision of the Commodity code provided by the Member States in accordance with the combined nomenclature.

**CONTENT/TYPE**

**additionalGoodsCode** has the type "[string](#)". The associated code list is defined by the Member State relating to the CN8 code.

**EXAMPLE**

```
<additionalGoodsCode>1</additionalGoodsCode>
```

**INSTAT/Envelope/Declaration/Item/goodsDescription**

1 occurrence, depends if the Member State requires this element.

**FUNCTION**

Description of the goods (CN8 or PSI description): Usual trade name of the goods.

**CONTENT/TYPE**

**goodsDescription** has the type "[string](#)".

**EXAMPLE**

```
<goodsDescription>Mules</goodsdescription>
```

**INSTAT/Envelope/Declaration/Item/MSConsDestCode**

1 occurrence, depends if the Member State requires this element relating to [declarationTypeCode](#).

**FUNCTION**

ISO code of Member State of the European Union of consignment of destination of the goods.

**CONTENT/TYPE**

**MSConsDestCode** has the type "[string](#)". The associated code list is the ISO code list of the EU Member States.

**EXAMPLE**

```
<MSConsDestCode>DK</MSConsDestCode>
```

```
<Item>
  <itemNumber>
  <CN8>
    <CN8Code>
    <SUCode>
    <additionalGoodsCode>
  <goodsDescription>
  <MSConsDestCode>
  <countryOfOriginCode>
  <netMass>
  <quantityInSU>
  <invoicedAmount>
  <statisticalValue>
  <invoiceNumber>
  <partnerId>
  <statisticalProcedureCode>
  <NatureOfTransaction>
  <modeOfTransportCode>
  <regionCode>
  <portAirportInlandportCode>
  <DeliveryTerms>
  <numberOfConsignments>
```

&lt;Item&gt;

<itemNumber>  
 <CN8>  
 <goodsDescription>  
 <MSConsDestCode>

&lt;countryOfOriginCode&gt;

&lt;netMass&gt;

&lt;quantityInSU&gt;

<invoicedAmount>  
 <statisticalValue>  
 <invoiceNumber>  
 <partnerId>  
 <statisticalProcedureCode>  
 <NatureOfTransaction>  
 <modeOfTransportCode>  
 <regionCode>  
 <portAirportInlandportCode>  
 <DeliveryTerms>  
 <numberOfConsignments>

**INSTAT/Envelope/Declaration/Item/countryOfOriginCode**

1 occurrence, for arrival of goods and depends if the Member State requires this element relating to [declarationTypeCode](#).

**FUNCTION**

ISO code of the country where the goods originate for Intrastat purposes, when flow is arrival.

**CONTENT/TYPE**

**countryOfOriginCode** has the type "[string](#)". The associated code list is the ISO code list.

**EXAMPLE**

```
<countryOfOriginCode>CN</countryOfOriginCode>
```

**INSTAT/Envelope/Declaration/Item/netMass**

1 occurrence, depends if the Member State requires this element relating to [declarationTypeCode](#).

**FUNCTION**

Quantity of goods in net mass, net of all packaging.

**CONTENT/TYPE**

**netMass** has the type "[integer](#)".

**EXAMPLE**

```
<netMass>1100</netMass>
```

**INSTAT/Envelope/Declaration/Item/quantityInSU**

1 occurrence, depends if the Member State requires this element relating to [declarationTypeCode](#) and in so far as the combined nomenclature provides for a supplementary unit of measurement for the goods in question.

**FUNCTION**

Quantity of goods in supplementary units.

**CONTENT/TYPE**

**quantityInSU** has the type "[integer](#)".

**EXAMPLE**

```
<quantityInSU>10</quantityInSU>
```

**INSTAT/Envelope/Declaration/Item/invoicedAmount**

1 to 2 occurrences, depends if the Member State requires this element relating to [declarationTypeCode](#).

**FUNCTION**

**invoicedAmount** means the:

- invoiced amount of goods, exclusive of VAT,
- invoiced amount of goods in a currency different from the currency of the Member State in which the declaration is made (often called invoiced amount in foreign currency).

**CONTENT/TYPE**

**invoicedAmount** has the type "[decimal](#)".

**ATTRIBUTE**

**InvoicedAmount** contains the following attribute:

<Item>

<itemNumber>

<CN8>

<goodsDescription>

<MSConsDestCode>

<countryOfOriginCode>

<netMass>

<quantityInSU>

**<invoicedAmount currencyCode>**

**<statisticalValue>**

<invoiceNumber>

<partnerId>

<statisticalProcedureCode>

<NatureOfTransaction>

<modeOfTransportCode>

<regionCode>

<portAirportInlandportCode>

<DeliveryTerms>

<numberOfConsignments>

Attribute	Description	Constraint	Use
<b>currencyCode</b>	<b>InvoicedAmount</b> can be given with its currency code.	[ISO 4217] is the code list associated with <b>currencyCode</b> .	Not required for the invoiced amount of goods. Mandatory for the invoiced amount of goods in foreign currency.

**EXAMPLE**

```
<invoicedAmount>40000</invoicedAmount>
```

or

```
<invoicedAmount currencyCode="USD">40000</invoicedAmount>
```

**INSTAT/Envelope/Declaration/Item/statisticalValue**

1 occurrence, depends if the Member State requires this element relating to [declarationTypeCode](#).

**FUNCTION**

Statistical value of the goods.

**CONTENT/TYPE**

**statisticalValue** has the type "[decimal](#)".

**EXAMPLE**

```
<statisticalValue>50000</statisticalValue>
```

**INSTAT/Envelope/Declaration/Item/invoiceNumber**

1 occurrence, depends if the Member State requires this element relating to [declarationTypeCode](#).

**FUNCTION**

Invoice number associated with the item.

**CONTENT/TYPE**

**invoiceNumber** has the type "[string](#)".

**EXAMPLE**

```
<invoiceNumber>20013061</invoiceNumber>
```

**INSTAT/Envelope/Declaration/Item/partnerId**

1 occurrence, depends if the Member State requires this element relating to [declarationTypeCode](#).

**FUNCTION**

Identification of the partner in one Member State of the European Union involved in the exchange of the goods (different from the Member State in which the declaration is made).

**CONTENT/TYPE**

**partnerId** has the type "[string](#)".

**EXAMPLE**

```
<partnerId>FI01137535</partnerId>
```

**INSTAT/Envelope/Declaration/Item/statisticalProcedureCode**

1 occurrence, depends if the Member State requires this element relating to [declarationTypeCode](#).

**FUNCTION**

Code of the statistical procedure defined by the Member State in which the declaration is made.

**CONTENT/TYPE**

**statisticalProcedureCode** has the type "[string](#)". The associated code list is defined by the Member State.

**EXAMPLE**

```
<statisticalProcedureCode>19</statisticalProcedureCode>
```

<Item>

```
<itemNumber>
<CN8>
<goodsDescription>
<MSConsDestCode>
<countryOfOriginCode>
<netMass>
<quantityInSU>
<invoicedAmount>
<statisticalValue>
```

```
<invoiceNumber>
```

```
<partnerId>
```

```
<statisticalProcedureCode>
```

```
<NatureOfTransaction>
<modeOfTransportCode>
<regionCode>
<portAirportInlandportCode>
<DeliveryTerms>
<numberOfConsignments>
```

**INSTAT/Envelope/Declaration/Item/NatureOfTransaction**

1 occurrence, depends if the Member State requires this element relating to [declarationTypeCode](#).

**FUNCTION**

Nature of Transaction.

**CONTENT/TYPE**

**NatureOfTransaction** contains the following elements in sequence:

<i>Element</i>	<i>Occurrences</i>
natureOfTransactionACode	1
natureOfTransactionBCode	0 to 1

**INSTAT/Envelope/Declaration/Item/NatureOfTransaction/natureOfTransactionACode**

1 occurrence.

**FUNCTION**

Code from column A of the table "Nature of transaction".

**CONTENT/TYPE**

**natureOfTransactionACode** has the type "[string](#)". The different values of **natureOfTransactionACode** are defined in the table "Nature of transaction" given after the description of **natureOfTransactionBCode**.

**EXAMPLE**

```
<natureOfTransactionACode>1</natureOfTransactionACode>
```

**INSTAT/Envelope/Declaration/Item/NatureOfTransaction/natureOfTransactionBCode**

1 occurrence, depends if the Member State requires this element relating to [declarationTypeCode](#).

**FUNCTION**

Code from column B of the table "Nature of transaction".

**CONTENT/TYPE**

**natureOfTransactionBCode** has the type "[string](#)". The different values of **natureOfTransactionBCode** are defined in the table "Nature of transaction" given below.

**EXAMPLE**

```
<natureOfTransactionBCode>1</natureOfTransactionBCode>
```

```
<Item>
  <itemNumber>
  <CN8>
  <goodsDescription>
  <MSConsDestCode>
  <countryOfOriginCode>
  <netMass>
  <quantityInSU>
  <invoicedAmount>
  <statisticalValue>
  <invoiceNumber>
  <partnerId>
  <statisticalProcedureCode>
  <NatureOfTransaction>
    <NatureOfTransactionACode>
    <NatureOfTransactionBCode>
  <modeOfTransportCode>
  <regionCode>
  <portAirportInlandportCode>
  <DeliveryTerms>
  <numberOfConsignments>
```

**Table Nature of Transation:**

<i>Column A</i>	<i>Column B</i>
1. Transactions involving actual or intended transfer of ownership against compensation (financial or otherwise) <sup>a)b)c)</sup> (except than for transactions listed under 2,7,8)	1. Outright/purchase/sale <sup>b)</sup> 2. Supply for sale on approval or after trial, consignment or with the intermediation of a commission agent 3. Barter Trade (compensation in kind) 4. Personal purchases by travellers 5. Financial leasing <sup>c)</sup>
2. Return of goods after registration of the original transaction under code 1 <sup>d)</sup> ; replacement of goods free of charge <sup>d)</sup>	1. Return of goods 2. Replacement of returned goods 3. Replacement (e.g. under warranty) for goods not being returned
3. Transactions (not temporary) involving transfer of ownership but without compensation (financial or other)	1. Goods delivered under aid programmes operated or financed partly or wholly 2. Other general government-aid deliveries 3. Other aid deliveries (individuals, non-governmental organizations)
4. Operations with a view to processing under contract <sup>e)</sup> or repair <sup>f)</sup> (except those recorded under 7)	1. Processing under contract 2. Repair and maintenance against payment 3. Repair and maintenance free of charge
5. Operations following processing under contract <sup>e)</sup> or repair <sup>f)</sup> (except those recorded under 7)	1. Processing under contract 2. Repair and maintenance against payment 3. Repair and maintenance free of charge
6. Transactions not involving transfer of ownership; e.g. hire, loan, operational leasing <sup>g)</sup> and other temporary uses <sup>h)</sup> except processing under contract or repair (delivery or return)	1. Hire, loan, operational leasing 2. Other goods for temporary use
7. Operations under joint defence projects or other joint inter-governmental production programmes (e.g. Airbus)	
8. Supply of building materials and equipment for works that are part of a general construction or engineering contract <sup>i)</sup>	
9. Other transactions	

- a) This item covers most dispatches and arrivals, i.e. transactions in respect of which :
- ownership is transferred from resident to non-resident, and
  - payment or compensation in kind is, or will be made.
- It should be noted that this also applies to goods sent between related enterprises or, from/to, central distribution depots, even if no immediate payments is made.
- b) Including spare parts and other replacements made against payment.
- c) Including financial leasing : the lease instalments are calculated in such a way as to cover all or virtually all of the value of the goods. The risks and rewards of ownership are transferred to the lessee. At the end of the contract the lessee becomes the legal owner of the goods.
- d) Return and replacement dispatches of goods originally recorded under items 3 to 9 of column A, should be registered under the corresponding items.
- e) Processing operations (whether or not under customs supervision) should be recorded under items 4 and 5 of column A. Processing activities on processor's own account are not covered by this item, they should be registered under item 1 of column A.
- f) Repair entails the restoration of the goods to their original function; this may involve some re-building or enhancements.
- g) Operational leasing : leasing contracts other than financial leasing (see note c)).
- h) This item covers goods that are exported/imported with the intention of subsequent re-import/re-export without any change of ownership taking place.
- i) The transactions recorded under item 8 of column A involve goods which are not separately invoiced, but for which a single invoice is made covering the total value of the works. Where this is not the case, the transactions should be recorded under item 1.

**INSTAT/Envelope/Declaration/Item/modeOfTransportCode**

1 occurrence, depends if the Member State requires this element relating to [declarationTypeCode](#).

**FUNCTION**

Code of the presumed mode of transport by which the goods are presumed to have left the statistical territory of dispatch, or to have entered the statistical territory of arrival.

**CONTENT/TYPE**

**modeOfTransportCode** has the type "[string](#)". The different values of **modeOfTransportCode** are the following:

<i>Value</i>	<i>Description</i>
1	Transport by sea
2	Transport by rail
3	Transport by road
4	Transport by air
5	Consignments by post
7	Fixed transport installations
8	Transport by inland waterway
9	Own propulsion

**EXAMPLE**

```
<modeOfTransportCode>2</modeOfTransportCode>
```

**INSTAT/Envelope/Declaration/Item/regionCode**

1 occurrence, depends if the Member State requires this element relating to [declarationTypeCode](#).

**FUNCTION**

Region of origin or destination of goods in the Member State in which the declaration is made.

**CONTENT/TYPE**

**regionCode** has the type "[string](#)". The associated code list is defined by the Member State.

**EXAMPLE**

```
<regionCode>10</regionCode>
```

**INSTAT/Envelope/Declaration/Item/portAirportInlandportCode**

1 occurrence, depends if the Member State requires this element relating to [declarationTypeCode](#).

**FUNCTION**

Code of the port/airport/inland port of loading/unloading of goods defined by the Member State in which the declaration is made.

**CONTENT/TYPE**

**portAirportInlandportCode** has the type "[string](#)". The associated code list is defined by the Member State.

**EXAMPLE**

```
<portAirportInlandportCode>0311</portAirportInlandportCode>
```

```
<Item>
  <itemNumber>
  <CN8>
  <goodsDescription>
  <MSConsDestCode>
  <countryOfOriginCode>
  <netMass>
  <quantityInSU>
  <invoicedAmount>
  <statisticalValue>
  <invoiceNumber>
  <partnerId>
  <statisticalProcedureCode>
  <NatureOfTransaction>
  <modeOfTransportCode>
  <regionCode>
  <portAirportInlandportCode>
  <DeliveryTerms>
  <numberOfConsignments>
```

**INSTAT/Envelope/Declaration/Item/DeliveryTerms**

1 occurrence, depends if the Member State requires this element relating to [declarationTypeCode](#).

**FUNCTION**

Terms of delivery (TOD) for the goods.

**CONTENT/TYPE**

**DeliveryTerms** contains the following elements in sequence:

<i>Element</i>	<i>Occurrences</i>
TODCode	1
locationCode	0 to 1
TODPlace	0 to 1
TODDetails	0 to 1

**INSTAT/Envelope/Declaration/Item/DeliveryTerms/TODCode**

1 occurrence.

**FUNCTION**

Code of the Delivery terms.

**CONTENT/TYPE**

**TODCode** has the type "[string](#)". The different values of **TODCode** follow the Intrastat code list:

<i>Incoterm code</i>	<i>Meaning Incoterm ICC/ECE Geneva</i>	<i>Place to be indicated</i>
EXW	EX-Works	location of works
FCA	Franco Carrier	...agreed place
FAS	Free Alongside Ship	agreed port of loading
FOB	Free On Board	agreed port of loading
CFR	Cost and FReight (C&F)	agreed port of destination
CIF	Cost, Insurance, Freight	agreed port of destination
CPT	Carriage Paid To ...	agreed place of destination
CIP	Carriage and Insurance Paid to	agreed place of destination
DAF	Delivered At Frontier	agreed place of delivery at frontier
DES	Delivered Ex-Ship	agreed port of destination
DEQ	Delivered Ex-Quay	after customs clearance, agreed port ...
DDU	Delivered Duty Unpaid	agreed place of destination in importing country
DDP	Delivered Duty Paid	agreed place of delivery in importing country
XXX	Delivery terms other than the above	precise statement of terms specified in the contract

**EXAMPLE**

<TODCode>CIP</TODCode>

```

<Item>
  <itemNumber>
  <CN8>
  <goodsDescription>
  <MSConsDestCode>
  <countryOfOriginCode>
  <netMass>
  <quantityInSU>
  <invoicedAmount>
  <statisticalValue>
  <invoiceNumber>
  <partnerId>
  <statisticalProcedureCode>
  <NatureOfTransaction>
  <modeOfTransportCode>
  <regionCode>
  <portAirportInlandportCode>
  <DeliveryTerms>
    <TODCode>
    <locationCode>
    <TODPlace>
    <TODDetails>
    <numberOfConsignments>

```



**INSTAT/Envelope/Declaration/Item/DeliveryTerms/locationCode**

1 occurrence, depends if the Member State requires this element relating to [declarationTypeCode](#).

**FUNCTION**

Code of the location of the delivery terms.

**CONTENT/TYPE**

**locationCode** has the type "[string](#)". The different values of **locationCode** are the following:

<i>Value</i>	<i>Description</i>
1	Place located in the territory of the MS concerned
2	Place located in another MS
3	Other (place located outside the Community)

**EXAMPLE**

```
<locationCode>2</locationCode>
```

**INSTAT/Envelope/Declaration/Item/DeliveryTerms/TODPlace**

1 occurrence, depends if the Member State requires this element relating to [declarationTypeCode](#).

**FUNCTION**

Place of delivery terms.

**CONTENT/TYPE**

**TODPlace** has the type "[string](#)". No code list is associated.

**EXAMPLE**

```
<TODPlace>Nancy</TODPlace>
```

**INSTAT/Envelope/Declaration/Item/DeliveryTerms/TODDetails**

1 occurrence, depends if the Member State requires this element relating to [declarationTypeCode](#) and if **TODCode** is equal to "XXX".

**FUNCTION**

Precise statement of the terms of delivery, if the code of delivery terms is "XXX".

**CONTENT/TYPE**

**TODDetails** has the type "[string](#)". No code list is associated with this element.

**EXAMPLE**

```
<TODDetails>Terms of delivery = 'XXX'</TODDetails>
```

**INSTAT/Envelope/Declaration/Item/numberOfConsignments**

1 occurrence, depends if the Member State requires this element relating to [declarationTypeCode](#).

**FUNCTION**

Number of consignments relating to the goods.

**CONTENT/TYPE**

**numberOfConsignments** has the type "[integer](#)".

**EXAMPLE**

```
<numberOfConsignments>22</numberOfConsignments>
```

```
<Item>
```

```

<itemNumber>
<CN8>
<goodsDescription>
<MSConsDestCode>
<countryOfOriginCode>
<netMass>
<quantityInSU>
<invoicedAmount>
<statisticalValue>
<invoiceNumber>
<partnerId>
<statisticalProcedureCode>
<NatureOfTransaction>
<modeOfTransportCode>
<regionCode>
<portAirportInlandportCode>
<DeliveryTerms>
  <TODCode>
    <locationCode>
      <TODPlace>
        <TODDetails>
<numberOfConsignments>
```

**INSTAT/Envelope/Declaration/totalNumberLines**

1 occurrence, only if [functionCode](#) is equal to "O", "M" or "R".

**FUNCTION**

Total number of lines of the declaration.

**CONTENT/TYPE**

**totalNumberLines** has the type "[integer](#)".

**EXAMPLE**

```
<totalNumberLines>2</totalNumberLines>
```

**INSTAT/Envelope/Declaration/totalNumberDetailedLines**

1 occurrence, only if [functionCode](#) is equal to "O", "M" or "R".

**FUNCTION**

Total number of detailed lines of the declaration before aggregation.

**CONTENT/TYPE**

**totalNumberDetailedLines** has the type "[integer](#)".

**EXAMPLE**

```
<totalNumberDetailedLines>8</totalNumberDetailedLines>
```

**INSTAT/Envelope/numberOfDeclarations**

1 occurrence, depends if the Member States requires this element.

**FUNCTION**

Number of declarations contained in the envelope.

**CONTENT/TYPE**

**numberOfDeclarations** has the type "[integer](#)".

**EXAMPLE**

```
<numberOfDeclarations>1</numberOfDeclarations>
```

```
<INSTAT>
  <Envelope>
    <envelopeId>
    <DateTime>
    <Party>
    <acknowledgementRequest>
    <authentication>
    <testIndicator>
    <applicationReference>
    <softwareUsed>
    <Declaration>
      <declarationId>
      <DateTime>
        <date>
        <time>
      <referencePeriod>
      <PSIID>
      <Function>
      <declarationTypeCode>
      <flowCode>
      <currencyCode>
      <firstLast>
      <totalNetMass>
      <totalInvoicedAmount>
      <totalStatisticalValue>
      <Item>
    <totalNumberLines>
    <totalNumberDetailedLines>
  <numberOfDeclarations>
```

## 8. XML SCHEMA DEFINITION LANGUAGE OF INSTAT/XML: instat62.xsd

```

<?xml version = "1.0" encoding = "ISO-8859-1"?>
<xsd:schema xmlns:xsd = "http://www.w3.org/2001/XMLSchema">
  <xsd:element name = "INSTAT">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element ref = "Envelope"/>
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
  <xsd:element name = "Envelope">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element ref = "envelopeld"/>
        <xsd:element ref = "DateTime"/>
        <xsd:element ref = "Party" maxOccurs = "unbounded"/>
        <xsd:element ref = "acknowledgementRequest" minOccurs = "0"/>
        <xsd:element ref = "authentication" minOccurs = "0"/>
        <xsd:element ref = "testIndicator" minOccurs = "0"/>
        <xsd:element ref = "applicationReference" minOccurs = "0"/>
        <xsd:element ref = "softwareUsed" minOccurs = "0"/>
        <xsd:element ref = "Declaration" maxOccurs = "unbounded"/>
        <xsd:element ref = "numberOfDeclarations" minOccurs = "0"/>
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
  <xsd:element name = "envelopeld" type = "xsd:string"/>
  <xsd:element name = "DateTime">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element ref = "date"/>
        <xsd:element ref = "time" minOccurs = "0"/>
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
  <xsd:element name = "Party">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element ref = "partyId"/>
        <xsd:element ref = "partyName" minOccurs = "0"/>
        <xsd:element ref = "interchangeAgreementId" minOccurs = "0"/>
        <xsd:element ref = "password" minOccurs = "0"/>
        <xsd:element ref = "Address" minOccurs = "0"/>
        <xsd:element ref = "ContactPerson" minOccurs = "0"/>
      </xsd:sequence>
      <xsd:attribute name = "partyType" use = "required">
        <xsd:simpleType>
          <xsd:restriction base = "xsd:NMTOKEN">
            <xsd:enumeration value = "PSI"/>
            <xsd:enumeration value = "TDP"/>
            <xsd:enumeration value = "CC"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:attribute>
      <xsd:attribute name = "partyRole" use = "required">
        <xsd:simpleType>
          <xsd:restriction base = "xsd:NMTOKEN">
            <xsd:enumeration value = "sender"/>
            <xsd:enumeration value = "receiver"/>
            <xsd:enumeration value = "PSI"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:attribute>
    </xsd:complexType>
  </xsd:element>

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        </xsd:restriction>
    </xsd:simpleType>
</xsd:attribute>
</xsd:complexType>
</xsd:element>
<xsd:element name = "partyId" type = "xsd:string"/>
<xsd:element name = "partyName" type = "xsd:string"/>
<xsd:element name = "interchangeAgreementId" type = "xsd:string"/>
<xsd:element name = "password" type = "xsd:string"/>
<xsd:element name = "Address">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element ref = "streetName" minOccurs = "0"/>
            <xsd:element ref = "streetNumber" minOccurs = "0"/>
            <xsd:element ref = "postalCode" minOccurs = "0"/>
            <xsd:element ref = "cityName" minOccurs = "0"/>
            <xsd:element ref = "countryName" minOccurs = "0"/>
            <xsd:element ref = "phoneNumber" minOccurs = "0"/>
            <xsd:element ref = "faxNumber" minOccurs = "0"/>
            <xsd:element ref = "e-mail" minOccurs = "0"/>
            <xsd:element ref = "URL" minOccurs = "0"/>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name = "streetName" type = "xsd:string"/>
<xsd:element name = "streetNumber" type = "xsd:string"/>
<xsd:element name = "postalCode" type = "xsd:string"/>
<xsd:element name = "cityName" type = "xsd:string"/>
<xsd:element name = "countryName" type = "xsd:string"/>
<xsd:element name = "phoneNumber" type = "xsd:string"/>
<xsd:element name = "faxNumber" type = "xsd:string"/>
<xsd:element name = "e-mail" type = "xsd:string"/>
<xsd:element name = "URL" type = "xsd:anyURI"/>
<xsd:element name = "ContactPerson">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element ref = "contactPersonName"/>
            <xsd:element ref = "Address" minOccurs = "0"/>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name = "contactPersonName" type = "xsd:string"/>
<xsd:element name = "numberOfDeclarations" type = "xsd:integer"/>
<xsd:element name = "acknowledgementRequest" type = "xsd:boolean"/>
<xsd:element name = "authentication" type = "xsd:string"/>
<xsd:element name = "testIndicator" type = "xsd:boolean"/>
<xsd:element name = "applicationReference" type = "xsd:string"/>
<xsd:element name = "softwareUsed" type = "xsd:string"/>
<xsd:element name = "Declaration">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element ref = "declarationId"/>
            <xsd:element ref = "DateTime" minOccurs = "0"/>
            <xsd:element ref = "referencePeriod"/>
            <xsd:element ref = "PSId"/>
            <xsd:element ref = "Function"/>
            <xsd:element ref = "declarationTypeCode"/>
            <xsd:element ref = "flowCode"/>
            <xsd:element ref = "currencyCode"/>
            <xsd:element ref = "firstLast" minOccurs = "0"/>
            <xsd:element ref = "totalNetMass" minOccurs = "0"/>
        </xsd:sequence>
    </xsd:complexType>

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    <xsd:element ref = "totalInvoicedAmount" minOccurs = "0"/>
    <xsd:element ref = "totalStatisticalValue" minOccurs = "0"/>
    <xsd:element ref = "Item" minOccurs = "0" maxOccurs = "unbounded"/>
    <xsd:element ref = "totalNumberLines" minOccurs = "0"/>
    <xsd:element ref = "totalNumberDetailedLines" minOccurs = "0"/>
  </xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name = "declarationId" type = "xsd:string"/>
<xsd:element name = "referencePeriod" type = "xsd:string"/>
<xsd:element name = "PSId" type = "xsd:string"/>
<xsd:element name = "Function">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element ref = "functionCode"/>
      <xsd:element ref = "previousDeclarationId" minOccurs = "0"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name = "functionCode" type = "xsd:string"/>
<xsd:element name = "previousDeclarationId" type = "xsd:string"/>
<xsd:element name = "declarationTypeCode" type = "xsd:string"/>
<xsd:element name = "flowCode" type = "xsd:string"/>
<xsd:element name = "currencyCode" type = "xsd:string"/>
<xsd:element name = "firstLast" type = "xsd:string"/>
<xsd:element name = "totalNumberLines" type = "xsd:integer"/>
<xsd:element name = "totalNetMass" type = "xsd:integer"/>
<xsd:element name = "totalInvoicedAmount" type = "xsd:decimal"/>
<xsd:element name = "totalStatisticalValue" type = "xsd:decimal"/>
<xsd:element name = "Item">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element ref = "itemNumber"/>
      <xsd:element ref = "CN8" minOccurs = "0"/>
      <xsd:element ref = "goodsDescription" minOccurs = "0"/>
      <xsd:element ref = "MSConsDestCode" minOccurs = "0"/>
      <xsd:element ref = "countryOfOriginCode" minOccurs = "0"/>
      <xsd:element ref = "netMass" minOccurs = "0"/>
      <xsd:element ref = "quantityInSU" minOccurs = "0"/>
      <xsd:element ref = "invoicedAmount" minOccurs = "0" maxOccurs = "2"/>
      <xsd:element ref = "statisticalValue" minOccurs = "0"/>
      <xsd:element ref = "invoiceNumber" minOccurs = "0"/>
      <xsd:element ref = "partnerId" minOccurs = "0"/>
      <xsd:element ref = "statisticalProcedureCode" minOccurs = "0"/>
      <xsd:element ref = "NatureOfTransaction" minOccurs = "0"/>
      <xsd:element ref = "modeOfTransportCode" minOccurs = "0"/>
      <xsd:element ref = "regionCode" minOccurs = "0"/>
      <xsd:element ref = "portAirportInlandportCode" minOccurs = "0"/>
      <xsd:element ref = "DeliveryTerms" minOccurs = "0"/>
      <xsd:element ref = "numberOfConsignments" minOccurs = "0"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name = "itemNumber" type = "xsd:integer"/>
<xsd:element name = "CN8">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element ref = "CN8Code"/>
      <xsd:element ref = "SUCode" minOccurs = "0"/>
      <xsd:element ref = "additionalGoodsCode" minOccurs = "0"/>
    </xsd:sequence>
  </xsd:complexType>

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    </xsd:complexType>
</xsd:element>
<xsd:element name = "CN8Code" type = "xsd:string"/>
<xsd:element name = "SUCode" type = "xsd:string"/>
<xsd:element name = "additionalGoodsCode" type = "xsd:string"/>
<xsd:element name = "goodsDescription" type = "xsd:string"/>
<xsd:element name = "MSConsDestCode" type = "xsd:string"/>
<xsd:element name = "countryOfOriginCode" type = "xsd:string"/>
<xsd:element name = "netMass" type = "xsd:integer"/>
<xsd:element name = "quantityInSU" type = "xsd:integer"/>
<xsd:element name = "invoicedAmount">
  <xsd:complexType>
    <xsd:simpleContent>
      <xsd:extension base = "xsd:decimal">
        <xsd:attribute name = "currencyCode" use = "optional" type = "xsd:string"/>
      </xsd:extension>
    </xsd:simpleContent>
  </xsd:complexType>
</xsd:element>
<xsd:element name = "statisticalValue" type = "xsd:decimal"/>
<xsd:element name = "invoiceNumber" type = "xsd:string"/>
<xsd:element name = "partnerId" type = "xsd:string"/>
<xsd:element name = "statisticalProcedureCode" type = "xsd:string"/>
<xsd:element name = "NatureOfTransaction">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element ref = "natureOfTransactionACode"/>
      <xsd:element ref = "natureOfTransactionBCode" minOccurs = "0"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name = "natureOfTransactionACode" type = "xsd:string"/>
<xsd:element name = "natureOfTransactionBCode" type = "xsd:string"/>
<xsd:element name = "modeOfTransportCode" type = "xsd:string"/>
<xsd:element name = "regionCode" type = "xsd:string"/>
<xsd:element name = "portAirportInlandportCode" type = "xsd:string"/>
<xsd:element name = "DeliveryTerms">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element ref = "TODCode"/>
      <xsd:element ref = "locationCode" minOccurs = "0"/>
      <xsd:element ref = "TODPlace" minOccurs = "0"/>
      <xsd:element ref = "TODDetails" minOccurs = "0"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name = "TODCode" type = "xsd:string"/>
<xsd:element name = "locationCode" type = "xsd:string"/>
<xsd:element name = "TODPlace" type = "xsd:string"/>
<xsd:element name = "TODDetails" type = "xsd:string"/>
<xsd:element name = "numberOfConsignments" type = "xsd:integer"/>
<xsd:element name = "totalNumberDetailedLines" type = "xsd:integer"/>
<xsd:element name = "date" type = "xsd:date"/>
<xsd:element name = "time" type = "xsd:time"/>
</xsd:schema>

```