

# EEG6/WG5

e-BUSINESS BOARD FOR EUROPEAN STANDARDIZATION  
EXPERT GROUP 6 – STATISTICS  
WORKING GROUP 5 – FOREIGN TRADE STATISTICS

## WORKING DOCUMENT

|                                                                              |
|------------------------------------------------------------------------------|
| <p><b>Message Implementation Guideline of INSRES/XML<br/>Version 1.0</b></p> |
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## 1. INTRODUCTION

The purpose of this document is to provide the Message Implementation Guideline (MIG) of INSRES/XML, the application response to 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 document "Intrastat system implementation model, version 6.2" is the basis of the definition of INSRES/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.

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

More information about the Intrastat declaration in XML is provided in the MIG of INSTAT/XML version 6.2, October 2002.

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

INSRES/XML is an optional application response as an acknowledgement of receipt of INSTAT/XML or as an acceptance or rejection of INSTAT/XML at envelope or declaration level. Errors found at envelope, declaration or item level of INSTAT/XML can be reported in INSRES/XML.

This document is structured in the following sections:

- Introduction;
- INSRES/XML Diagram, representing the structure of the document;
- Description of the prolog;
- Cross reference between the information to be sent in the response and the elements of INSRES/XML;
- Description of the elements;
- XML Schema, version 1.0 (insres10.xsd);
- Examples of XML responses to INSTAT/XML.

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>).

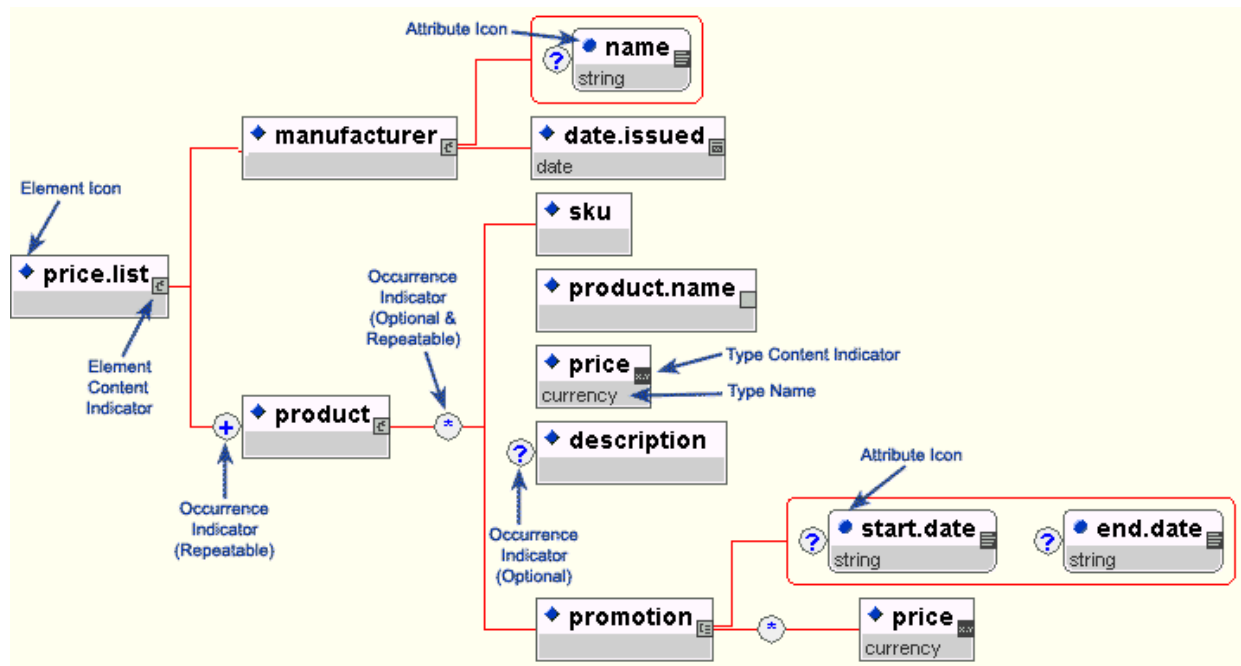
## 2. INSRES/XML DIAGRAM

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.

### 2.1. 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,
- {i,j} meaning i to j times (XSD only); for example, this symbol  appears on the diagram for "i" and "j" equal to 2.

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.

## 2.2. Diagram

The following convention is used:

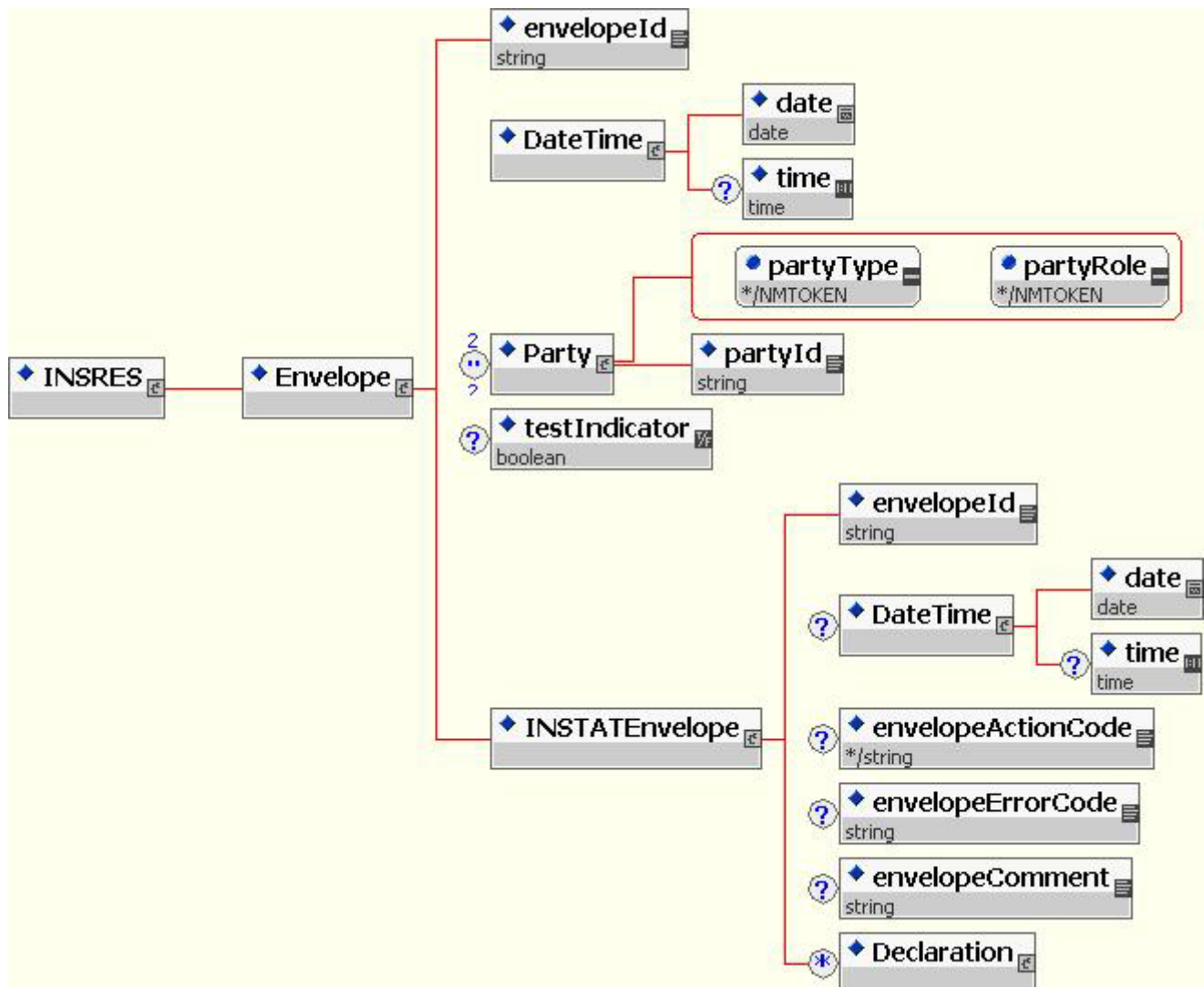
- Element containing child elements has its name beginning by an upper-case, for example "Envelope";
- Element containing character data and attributes have their names beginning by a lower-case, for example "date";
- The names of elements or attributes combining several names contain these names separated by an upper-case, for example "actionCode" for "action code";
- Acronyms are in upper-case, for example "INSRES" or "PSIID"; "INSRES" is the acronym referring to the response 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);
- "r" is the abbreviation of "received", for example "rTotalInvoicedAmount" for "receivedTotalInvoicedAmount" (Total invoiced amount of goods, for the received Intrastat declaration).

To make readable the diagram of INSRES/XML, it is presented in two parts:

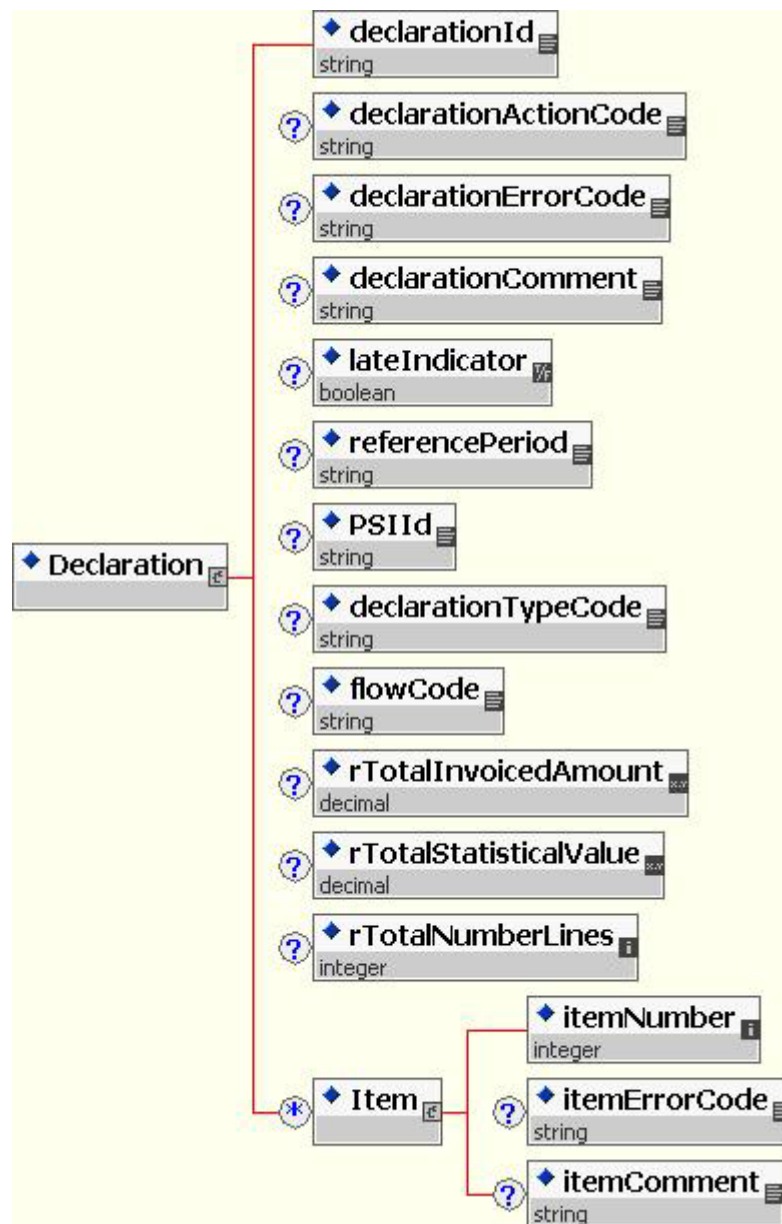
- First part: Details related to the INSRES envelope. The class diagram of the INSRES message is the basis of INSRES/XML. INSRESEnvelope root class of the class diagram becomes INSRES and Envelope first elements of INRES/XML. The envelope contains an identification (envelopeId), a date and time of preparation (DateTime), parties: -sender and receiver involved in the exchange of the envelope, test indicator and information related to the INSTAT envelope;
- Second part: Details related to the received Intrastat declarations.

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

## First part: Details related to the INSRES envelope



## Second part: Details related to the received Intrastat declarations



### 3. 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 XML. Version 1.0 means conformance to W3C recommendation of XML (2nd edition, 6/10/2000).

**Encoding='ISO-8859-1':** Encoding of the XML document. 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"?>
```

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

**<!DOCTYPE INSRES SYSTEM "insres10.dtd">**

Optional, document type declaration validating the INSRES/XML document. This Document Type Definition (DTD) is the "insres10.dtd" file.

#### EXAMPLE

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<!DOCTYPE INSRES SYSTEM "insres10.dtd">
```

**<INSRES xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="insres10.xsd">**

Optional, XML schema validating the INSRES/XML documents. This schema is given by "insres10.xsd" (XSD: XML Schema Definition language [W3C Recommendation, 2 May 2001]).

#### EXAMPLE

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<INSRES xmlns:xsi="http://www.w3.org/2000/10/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="insres10.xsd">
```

## 4. CROSS REFERENCE

This table shows the cross-reference between information in the response and the elements of INSRES/XML.

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

| <i>Information</i>                                                                                                              | <i>INSRES/XML element</i>                                                               | <i>Page</i> |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------|
| Code of the application error found in the envelope containing the Intrastat declarations                                       | <a href="#"><u>INSRES/Envelope/INSTATEnvelope/envelopeErrorCode</u></a>                 | 18          |
| Code of the application error found in the item of the received Intrastat declaration                                           | <a href="#"><u>INSRES/Envelope/INSTATEnvelope/Declaration/Item/itemErrorCode</u></a>    | 23          |
| Code of the application error found in the received Intrastat declaration                                                       | <a href="#"><u>INSRES/Envelope/INSTATEnvelope/Declaration/declarationErrorCode</u></a>  | 19          |
| Comment or description of the application error found in the envelope containing the Intrastat declarations                     | <a href="#"><u>INSRES/Envelope/INSTATEnvelope/envelopeComment</u></a>                   | 18          |
| Comment or description of the application error found in the item of the received Intrastat declaration or comment              | <a href="#"><u>INSRES/Envelope/INSTATEnvelope/Declaration/Item/itemComment</u></a>      | 23          |
| Comment or description of the application error found in the received Intrastat declaration                                     | <a href="#"><u>INSRES/Envelope/INSTATEnvelope/Declaration/declarationComment</u></a>    | 20          |
| Date and time of creation of the envelope                                                                                       | <a href="#"><u>INSRES/Envelope/DateTime</u></a>                                         | 14          |
| Date and time of the envelope of received Intrastat declarations                                                                | <a href="#"><u>INSRES/Envelope/INSTATEnvelope/DateTime</u></a>                          | 17          |
| Flow of the Intrastat declaration to be acknowledged                                                                            | <a href="#"><u>INSRES/Envelope/INSTATEnvelope/Declaration/flowCode</u></a>              | 21          |
| Identification of the envelope                                                                                                  | <a href="#"><u>INSRES/Envelope/envelopeId</u></a>                                       | 13          |
| Identification of the envelope of received Intrastat declarations                                                               | <a href="#"><u>INSRES/Envelope/INSTATEnvelope/envelopeId</u></a>                        | 17          |
| Identification of the received Intrastat declaration                                                                            | <a href="#"><u>INSRES/Envelope/INSTATEnvelope/Declaration/declarationId</u></a>         | 19          |
| Indicator of acknowledgement of receipt, acceptance or rejection of the received envelope containing the Intrastat declarations | <a href="#"><u>INSRES/Envelope/INSTATEnvelope/envelopeActionCode</u></a>                | 17          |
| Indicator of acceptance or rejection of the received Intrastat declaration                                                      | <a href="#"><u>INSRES/Envelope/INSTATEnvelope/Declaration/declarationActionCode</u></a> | 19          |
| Indicator of late arrival of an Intrastat declaration                                                                           | <a href="#"><u>INSRES/Envelope/INSTATEnvelope/Declaration/lateIndicator</u></a>         | 20          |

| <b>Information</b>                                                                     | <b>INSRES/XML element</b>                                                         | <b>Page</b> |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------|
| Item number containing an error in the Intrastat declaration to be acknowledged        | <a href="#">INSRES/Envelope/INSTATEnvelope/Declaration/Item/itemNumber</a>        | 23          |
| Party                                                                                  | <a href="#">INSRES/Envelope/Party</a>                                             | 15          |
| Party identification                                                                   | <a href="#">INSRES/Envelope/Party/PartyId</a>                                     | 16          |
| PSI responsible of the Intrastat declaration                                           | <a href="#">INSRES/Envelope/INSTATEnvelope/Declaration/PSIID</a>                  | 21          |
| Reference period of the Intrastat declaration to be acknowledged                       | <a href="#">INSRES/Envelope/INSTATEnvelope/Declaration/referencePeriod</a>        | 20          |
| Test indicator                                                                         | <a href="#">INSRES/Envelope/testIndicator</a>                                     | 16          |
| Total invoiced amount of the goods, for the Intrastat declaration to be acknowledged   | <a href="#">INSRES/Envelope/INSTATEnvelope/Declaration/rTotalInvoicedAmount</a>   | 22          |
| Total number of lines of the Intrastat declaration to be acknowledged                  | <a href="#">INSRES/Envelope/INSTATEnvelope/Declaration/rTotalNumberLines</a>      | 22          |
| Total statistical value of the goods, for the Intrastat declaration to be acknowledged | <a href="#">INSRES/Envelope/INSTATEnvelope/Declaration/rTotalStatisticalValue</a> | 22          |
| Type of the Intrastat declaration to be acknowledged (threshold)                       | <a href="#">INSRES/Envelope/INSTATEnvelope/Declaration/declarationTypeCode</a>    | 21          |

#### 4.2. Table with information sorted in order of the diagram of INSRES/XML

| <i>Information</i>                                                                                                              | <i>INSRES/XML element</i>                                                        | <i>Page</i> |
|---------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------|
| Identification of the envelope                                                                                                  | <a href="#">INSRES/Envelope/envelopeId</a>                                       | 13          |
| Date and time of creation of the envelope                                                                                       | <a href="#">INSRES/Envelope/DateTime</a>                                         | 14          |
| Party                                                                                                                           | <a href="#">INSRES/Envelope/Party</a>                                            | 15          |
| Party identification                                                                                                            | <a href="#">INSRES/Envelope/Party/PartyId</a>                                    | 16          |
| Test indicator                                                                                                                  | <a href="#">INSRES/Envelope/testIndicator</a>                                    | 16          |
| Identification of the envelope of received Intrastat declarations                                                               | <a href="#">INSRES/Envelope/INSTATEnvelope/envelopeId</a>                        | 17          |
| Date and time of the envelope of received Intrastat declarations                                                                | <a href="#">INSRES/Envelope/INSTATEnvelope/DateTime</a>                          | 17          |
| Indicator of acknowledgement of receipt, acceptance or rejection of the received envelope containing the Intrastat declarations | <a href="#">INSRES/Envelope/INSTATEnvelope/envelopeActionCode</a>                | 17          |
| Code of the application error found in the envelope containing the Intrastat declarations                                       | <a href="#">INSRES/Envelope/INSTATEnvelope/envelopeErrorCode</a>                 | 18          |
| Comment or description of the application error found in the envelope containing the Intrastat declarations                     | <a href="#">INSRES/Envelope/INSTATEnvelope/envelopeComment</a>                   | 18          |
| Identification of the received Intrastat declaration                                                                            | <a href="#">INSRES/Envelope/INSTATEnvelope/Declaration/declarationId</a>         | 19          |
| Indicator of acceptance or rejection of the received Intrastat declaration                                                      | <a href="#">INSRES/Envelope/INSTATEnvelope/Declaration/declarationActionCode</a> | 19          |
| Code of the application error found in the received Intrastat declaration                                                       | <a href="#">INSRES/Envelope/INSTATEnvelope/Declaration/declarationErrorCode</a>  | 19          |
| Comment or description of the application error found in the received Intrastat declaration                                     | <a href="#">INSRES/Envelope/INSTATEnvelope/Declaration/declarationComment</a>    | 20          |
| Indicator of late arrival of an Intrastat declaration                                                                           | <a href="#">INSRES/Envelope/INSTATEnvelope/Declaration/lateIndicator</a>         | 20          |
| Reference period of the Intrastat declaration to be acknowledged                                                                | <a href="#">INSRES/Envelope/INSTATEnvelope/Declaration/referencePeriod</a>       | 20          |
| PSI responsible of the Intrastat declaration                                                                                    | <a href="#">INSRES/Envelope/INSTATEnvelope/Declaration/PSIId</a>                 | 21          |
| Type of the Intrastat declaration to be acknowledged (threshold)                                                                | <a href="#">INSRES/Envelope/INSTATEnvelope/Declaration/declarationTypeCode</a>   | 21          |
| Flow of the Intrastat declaration to be acknowledged                                                                            | <a href="#">INSRES/Envelope/INSTATEnvelope/Declaration/flowCode</a>              | 21          |
| Total invoiced amount of the goods, for the Intrastat declaration to be acknowledged                                            | <a href="#">INSRES/Envelope/INSTATEnvelope/Declaration/rTotalInvoicedAmount</a>  | 22          |

| <b>Information</b>                                                                                                 | <b>INSRES/XML element</b>                                                                | <b>Page</b> |
|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------|
| Total statistical value of the goods, for the Intrastat declaration to be acknowledged                             | <a href="#"><u>INSRES/Envelope/INSTATEnvelope/Declaration/rTotalStatisticalValue</u></a> | 22          |
| Total number of lines of the Intrastat declaration to be acknowledged                                              | <a href="#"><u>INSRES/Envelope/INSTATEnvelope/Declaration/rTotalNumberLines</u></a>      | 22          |
| Item number containing an error in the Intrastat declaration to be acknowledged                                    | <a href="#"><u>INSRES/Envelope/INSTATEnvelope/Declaration/Item/itemNumber</u></a>        | 23          |
| Code of the application error found in the item of the received Intrastat declaration                              | <a href="#"><u>INSRES/Envelope/INSTATEnvelope/Declaration/Item/itemErrorCode</u></a>     | 23          |
| Comment or description of the application error found in the item of the received Intrastat declaration or comment | <a href="#"><u>INSRES/Envelope/INSTATEnvelope/Declaration/Item/itemComment</u></a>       | 23          |

## 5. DESCRIPTION OF ELEMENTS

This section contains the description of every element of INSRES/XML presented in the order of the diagram given in section 2.

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

### **INSRES**

#### **FUNCTION**

Root element of INSRES, the XML document for exchanging responses related to received Intrastat declarations.

#### **CONTENT/TYPE**

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

### **<INSRES>**

#### **<Envelope>**

##### **<envelopeId>**

##### *<DateTime>*

##### *<date>*

##### *<time>*

##### *<Party>*

##### *<partyId>*

##### *<testIndicator>*

##### *<INSTATenvelope>*

##### *<envelopeId>*

##### *<DateTime>*

##### *<envelopeActionCode>*

##### *<envelopeErrorCode>*

##### *<envelopeComment>*

##### *<Declaration>*

##### *<declarationId>*

##### *<declarationActionCode>*

##### *<declarationErrorCode>*

##### *<declarationComment>*

##### *<lateIndicator>*

##### *<referencePeriod>*

##### *<PSIID>*

##### *<declarationTypeCode>*

##### *<flowCode>*

##### *<rTotalInvoicedAmount>*

##### *<rTotalStatisticalValue>*

##### *<rTotalNumberLines>*

##### *<Item>*

##### *<itemNumber>*

##### *<itemErrorCode>*

##### *<itemComment>*

### **INSRES/Envelope**

One occurrence.

#### **FUNCTION**

Header for the submission of one or more responses to received Intrastat declarations.

#### **CONTENT/TYPE**

Envelope contains the following elements in sequence:

| <i>Element</i> | <i>Occurrences</i> |
|----------------|--------------------|
| EnvelopeId     | 1                  |
| DateTime       | 1                  |
| Party          | 2                  |
| testIndicator  | 0 to 1             |
| INSTATenvelope | 1                  |

### **INSRES/Envelope/envelopeId**

One occurrence.

#### **FUNCTION**

Identification code of the envelope.

#### **CONTENT/TYPE**

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

#### **EXAMPLE**

```
<envelopeId>RES111101</envelopeId>
```

**INSRES/Envelope/Date**Time****

One 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             |

**INSRES/Envelope/DateTime/****date**

One occurrence.

**FUNCTION**

Date of creation of the envelope.

**CONTENT/TYPE**

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

**EXAMPLE**

```
<date>2002-04-01</date>
```

**INSRES/Envelope/DateTime/****time**

One 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>
```

```
<INSRES>
```

```
<Envelope>
```

```
<envelopeId>
```

```
<DateTime

```

```
<date>
```

```
<time>
```

```
<Party>
```

```
<testIndicator>
```

```
<INSTAEnvelope>
```

```
<envelopeId>
```

```
<DateTime

```

```
<envelopeActionCode>
```

```
<envelopeErrorCode>
```

```
<envelopeComment>
```

```
<Declaration>
```

```
<declarationId>
```

```
<declarationActionCode>
```

```
<declarationErrorCode>
```

```
<declarationComment>
```

```
<lateIndicator>
```

```
<referencePeriod>
```

```
<PSIID>
```

```
<declarationTypeCode>
```

```
<flowCode>
```

```
<rTotalInvoicedAmount>
```

```
<rTotalStatisticalValue>
```

```
<rTotalNumberLines>
```

```
<Item>
```

```
<itemNumber>
```

```
<itemErrorCode>
```

```
<itemComment>
```

**INSRES/Envelope/Party**

&lt;INSRES&gt;

Two occurrences with attribute PartyRole="sender" and "receiver" are mandatory.

**FUNCTION**

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

- the Collecting Centre ("CC", Data collection office designated by the Competent National Authorities) which sends the response envelope,
- 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) receiving the response envelope. This PSI or this TDP was "sender" of the envelope containing the Intrastat declarations(s) to be acknowledged.

&lt;Envelope&gt;

&lt;envelopeId&gt;

&lt;DateTime&gt;

&lt;date&gt;

&lt;time&gt;

&lt;Party PartyType PartyRole&gt;

&lt;partyId&gt;

&lt;testIndicator&gt;

&lt;INSTATEvelope&gt;

**CONTENT/TYPE**

**Party** contains the following element:

| <i>Element</i> | <i>Occurrences</i> |
|----------------|--------------------|
| partyId        | 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".  | sender receiver   | Required   |

**DESCRIPTION**

The different following options are possible:

- **partyType="CC", partyRole="sender"**  
Party is the Collecting Centre sending the response envelope.
- **partyRole="receiver":**
  - either **partyType="TDP"**,  
Party is TDP and receiver of the envelope for one or more responses to Intrastat declarations. This TDP was the sender of the Intrastat declarations to be acknowledged.
  - or **partyType="PSI"**  
Party is a PSI and receiver of the envelope for one or more responses to Intrastat declarations. This PSI was the sender of the Intrastat declarations to be acknowledged.

**EXAMPLE**

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

**INSRES/Envelope/Party/partyId**

One 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>
```

**INSRES/Envelope/testIndicator**

One 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>
```

**INSRES/Envelope/INSTATEnvelope**

One occurrence.

**FUNCTION**

Received header for the submission of one or more Intrastat declarations.

**CONTENT/TYPE**

INSTATEnvelope contains the following elements in sequence:

```
<INSRES>
  <Envelope>
    <envelopeId>
    <DateTime>
      <date>
      <time>
    <Party>
      <partyId>
    <testIndicator>
    <INSTATEnvelope>
      <envelopeId>
      <DateTime>
      <envelopeActionCode>
      <envelopeErrorCode>
      <envelopeComment>
      <Declaration>
        <declarationId>
        <declarationActionCode>
        <declarationErrorCode>
        <declarationComment>
        <lateIndicator>
        <referencePeriod>
        <PSIID>
        <declarationTypeCode>
        <flowCode>
        <rTotalInvoicedAmount>
        <rTotalStatisticalValue>
        <rTotalNumberLines>
      <Item>
        <itemNumber>
        <itemErrorCode>
        <itemComment>
```

| <i>Element</i>     | <i>Occurrences</i> |
|--------------------|--------------------|
| EnvelopeId         | 1                  |
| DateTime           | 0 to 1             |
| envelopeActionCode | 0 to 1             |
| envelopeErrorCode  | 0 to 1             |
| envelopeComment    | 0 to 1             |
| Declaration        | 0 to n             |

**INSRES/Envelope/INSTAEnvelope/envelopeId**

One occurrence.

**FUNCTION**

Identification code of the received envelope containing the Intrastat declarations.

**CONTENT/TYPE**

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

**EXAMPLE**

```
<envelopeId>AA020401</envelopeId>
```

**INSRES/Envelope/INSTAEnvelope/DateTime**

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

**FUNCTION**

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

**INSRES/Envelope/INSTAEnvelope/envelopeActionCode**

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

**FUNCTION**

Code indicating acknowledgement of receipt, acceptance or rejection (the action taken) of the envelope containing the received declarations.

**CONTENT/TYPE**

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

| <i>Value</i> | <i>Description</i>                                                               |
|--------------|----------------------------------------------------------------------------------|
| AR           | Acknowledgement of receipt of the envelope containing the Intrastat declarations |
| AC           | Acceptance of the envelope containing the Intrastat declarations                 |
| RE           | Rejection of the envelope containing the Intrastat declarations                  |

**EXAMPLE**

```
<envelopeActionCode>AR</envelopeActionCode>
```

```
<INSRES>
  <Envelope>
    <envelopeId>
    <DateTime>
      <date>
      <time>
    <Party>
      <partyId>
    <testIndicator>
    <INSTAEnvelope>
      <envelopeId>
      <DateTime>
      <envelopeActionCode>
      <envelopeErrorCode>
      <envelopeComment>
      <Declaration>
        <declarationId>
        <declarationActionCode>
        <declarationErrorCode>
        <declarationComment>
        <lateIndicator>
        <referencePeriod>
        <PSIID>
        <declarationTypeCode>
        <flowCode>
        <rTotalInvoicedAmount>
        <rTotalStatisticalValue>
        <rTotalNumberLines>
      <Item>
        <itemNumber>
        <itemErrorCode>
        <itemComment>
```

**INSRES/Envelope/INSTAEnvelope/envelopeErrorCode**

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

**FUNCTION**

Code of the application error found in the envelope containing the Intrastat declarations.

**CONTENT/TYPE**

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

**EXAMPLE**

```
<envelopeErrorCode>ER01</envelopeErrorCode>
```

**INSRES/Envelope/INSTAEnvelope/envelopeComment**

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

**FUNCTION**

Comment or description of the application error found in the envelope containing the Intrastat declarations.

**CONTENT/TYPE**

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

**EXAMPLE**

```
<envelopeComment>Erroneous PSI code</envelopeComment>
```

**INSRES/Envelope/INSTAEnvelope/Declaration**

One occurrence.

**FUNCTION**

Intrastat declaration to be responded.

**CONTENT/TYPE**

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

| <i>Element</i>         | <i>Occurrences</i> |
|------------------------|--------------------|
| declarationId          | 1                  |
| declarationActionCode  | 0 to 1             |
| declarationErrorCode   | 0 to 1             |
| declarationComment     | 0 to 1             |
| lateIndicator          | 0 to 1             |
| referencePeriod        | 0 to 1             |
| PSIId                  | 0 to 1             |
| declarationTypeCode    | 0 to 1             |
| flowCode               | 0 to 1             |
| rTotalInvoicedAmount   | 0 to 1             |
| rTotalStatisticalValue | 0 to 1             |
| rTotalNumberLines      | 0 to 1             |
| Item                   | 0 to n             |

```
<INSRES>
```

```
<Envelope>
```

```
<envelopeId>
```

```
<DateTime>
```

```
<date>
```

```
<time>
```

```
<Party>
```

```
<partyId>
```

```
<testIndicator>
```

```
<INSTAEnvelope>
```

```
<envelopeId>
```

```
<DateTime>
```

```
<envelopeActionCode>
```

```
<envelopeErrorCode>
```

```
<envelopeComment>
```

```
<Declaration>
```

```
<declarationId>
```

```
<declarationActionCode>
```

```
<declarationErrorCode>
```

```
<declarationComment>
```

```
<lateIndicator>
```

```
<referencePeriod>
```

```
<PSIId>
```

```
<declarationTypeCode>
```

```
<flowCode>
```

```
<rTotalInvoicedAmount>
```

```
<rTotalStatisticalValue>
```

```
<rTotalNumberLines>
```

```
<Item>
```

```
<itemNumber>
```

```
<itemErrorCode>
```

```
<itemComment>
```

**INSRES/Envelope/INSTAEnvelope/Declaration/declarationId**

One occurrence.

**FUNCTION**

Identification of the received Intrastat declaration.

**CONTENT/TYPE**

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

**EXAMPLE**

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

```
<INSRES>
  <Envelope>
    <envelopeId>
    <DateTime>
      <date>
      <time>
    <Party>
      <partyId>
    <testIndicator>
    <INSTAEnvelope>
      <envelopeId>
      <DateTime>
      <envelopeActionCode>
      <envelopeErrorCode>
      <envelopeComment>
      <Declaration>
        <declarationId>
        <declarationActionCode>
        <declarationErrorCode>
        <declarationComment>
        <lateIndicator>
        <referencePeriod>
        <PSIID>
        <declarationTypeCode>
        <flowCode>
        <rTotalInvoicedAmount>
        <rTotalStatisticalValue>
        <rTotalNumberLines>
        <Item>
          <itemNumber>
          <itemErrorCode>
          <itemComment>
```

**INSRES/Envelope/INSTAEnvelope/Declaration/declarationActionCode**

One occurrence.

**FUNCTION**

Code indicating acceptance or rejection (the action taken) of the received Intrastat declaration.

**CONTENT/TYPE**

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

| <i>Value</i> | <i>Description</i>                      |
|--------------|-----------------------------------------|
| AC           | Acceptance of the Intrastat declaration |
| RE           | Rejection of the Intrastat declaration  |

**EXAMPLE**

```
<declarationActionCode>AC</declarationActionCode>
```

**INSRES/Envelope/INSTAEnvelope/Declaration/declarationErrorCode**

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

**FUNCTION**

Code of the application error found in the received Intrastat declaration.

**CONTENT/TYPE**

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

**EXAMPLE**

```
<declarationErrorCode>ER01</declarationErrorCode>
```

**INSRES/Envelope/INSTAEnvelope/Declaration/declarationComment**

&lt;INSRES&gt;

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

&lt;Envelope&gt;

**FUNCTION**

Comment or description of the application error found in the received Intrastat declaration.

&lt;envelopeId&gt;

&lt;DateTime&gt;

&lt;date&gt;

&lt;time&gt;

**CONTENT/TYPE**

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

&lt;Party&gt;

&lt;partyId&gt;

**EXAMPLE**

```
<declarationComment>Erroneous flow</declarationComment>
```

&lt;testIndicator&gt;

&lt;INSTAEnvelope&gt;

&lt;envelopeId&gt;

&lt;DateTime&gt;

&lt;envelopeActionCode&gt;

&lt;envelopeErrorCode&gt;

&lt;envelopeComment&gt;

&lt;Declaration&gt;

&lt;declarationId&gt;

&lt;declarationActionCode&gt;

&lt;declarationErrorCode&gt;

<**declarationComment**><**lateIndicator**><**referencePeriod**>

&lt;PSIID&gt;

&lt;declarationTypeCode&gt;

&lt;flowCode&gt;

&lt;rTotalInvoicedAmount&gt;

&lt;rTotalStatisticalValue&gt;

&lt;rTotalNumberLines&gt;

&lt;Item&gt;

&lt;itemNumber&gt;

&lt;itemErrorCode&gt;

&lt;itemComment&gt;

**INSRES/Envelope/INSTAEnvelope/Declaration/lateIndicator**

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

**FUNCTION**

Indicates if the Intrastat declaration arrived late in the Collecting Centre.

**CONTENT/TYPE**

**lateIndicator** has the type "[boolean](#)" with the value "true" because **lateIndicator** is sent only for indicating that the Intrastat declaration arrived late in the Collecting Centre.

**EXAMPLE**

```
<lateIndicator>true</lateIndicator>
```

**INSRES/Envelope/INSTAEnvelope/Declaration/referencePeriod**

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

**FUNCTION**

Reference period of the received Intrastat declaration. Reference period is composed of:

- 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.

**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**

```
<referencePeriod>2002-03</referencePeriod>
```

**INSRES/Envelope/INSTAEnvelope/Declaration/PSIID**

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

**FUNCTION**

Identification code of the PSI associated with the received Intrastat declaration.

**CONTENT/TYPE**

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

**EXAMPLE**

```
<PSIID>FRAG35383264500001</PSIID>
```

**INSRES/Envelope/INSTAEnvelope/Declaration/declarationTypeCode**

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

**FUNCTION**

Type of the received Intrastat declaration.

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>
```

**INSRES/Envelope/INSTAEnvelope/Declaration/flowCode**

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

**FUNCTION**

Flow of goods reported in the received 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>
```

```
<INSRES>
  <Envelope>
    <envelopeId>
    <DateTime>
      <date>
      <time>
    <Party>
      <partyId>
    <testIndicator>
    <INSTAEnvelope>
      <envelopeId>
      <DateTime>
      <envelopeActionCode>
      <envelopeErrorCode>
      <envelopeComment>
      <Declaration>
        <declarationId>
        <declarationActionCode>
        <declarationErrorCode>
        <declarationComment>
        <lateIndicator>
        <referencePeriod>
        <PSIID>
        <declarationTypeCode>
        <flowCode>
          <rTotalInvoicedAmount>
          <rTotalStatisticalValue>
          <rTotalNumberLines>
        <Item>
          <itemNumber>
          <itemErrorCode>
          <itemComment>
```

**INSRES/Envelope/INSTAEnvelope/Declaration/rTotalInvoicedAmount**

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

**FUNCTION**

Total invoiced amount of the goods, for the received Intrastat declaration.

**CONTENT/TYPE**

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

**EXAMPLE**

```
<rTotalInvoicedAmount>40000</rTotalInvoicedAmount>
```

**INSRES/Envelope/INSTAEnvelope/Declaration/rTotalStatisticalValue**

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

**FUNCTION**

Total statistical value of the goods, for the received Intrastat declaration.

**CONTENT/TYPE**

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

**EXAMPLE**

```
<rTotalStatisticalValue>62000</rTotalStatisticalValue>
```

**INSRES/Envelope/INSTAEnvelope/Declaration /rTotalNumberLines**

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

**FUNCTION**

Total number of lines of the received Intrastat declaration.

**CONTENT/TYPE**

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

**EXAMPLE**

```
<rTotalNumberLines>2</rTotalNumberLines>
```

**INSRES/Envelope/INSTAEnvelope/Declaration/Item**

Optional, 0 to n occurrences.

**FUNCTION**

Item or line of the Intrastat declaration to be acknowledged.

**CONTENT/TYPE**

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

| <i>Element</i> | <i>Occurrences</i> |
|----------------|--------------------|
| itemNumber     | 1                  |
| itemErrorCode  | 0 to 1             |
| itemComment    | 0 to 1             |

```
<INSRES>
```

```
<Envelope>
```

```
<envelopeId>
```

```
<DateTime>
```

```
<date>
```

```
<time>
```

```
<Party>
```

```
<testIndicator>
```

```
<INSTAEnvelope>
```

```
<envelopeId>
```

```
<DateTime>
```

```
<envelopeActionCode>
```

```
<envelopeErrorCode>
```

```
<envelopeComment>
```

```
<Declaration>
```

```
<declarationId>
```

```
<declarationActionCode>
```

```
<declarationErrorCode>
```

```
<declarationComment>
```

```
<lateIndicator>
```

```
<referencePeriod>
```

```
<PSIID>
```

```
<declarationTypeCode>
```

```
<flowCode>
```

```
<rTotalInvoicedAmount>
```

```
<rTotalStatisticalValue>
```

```
<rTotalNumberLines>
```

```
<Item>
```

```
<itemNumber>
```

```
<itemErrorCode>
```

```
<itemComment>
```

**INSRES/Envelope/INSTAEnvelope/Declaration/Item/itemNumber**

One occurrence.

**FUNCTION**

Serial item (or line) number containing an error in the received Intrastat declaration.

**CONTENT/TYPE**

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

**EXAMPLE**

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

**INSRES/Envelope/INSTAEnvelope/Declaration/Item/itemErrorCode**

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

**FUNCTION**

Code of the application error found in the item of the received Intrastat declaration.

**CONTENT/TYPE**

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

**EXAMPLE**

```
<itemErrorCode>ITEMERR026</itemErrorCode>
```

**INSRES/Envelope/INSTAEnvelope/Declaration/Item/itemComment**

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

**FUNCTION**

Comment or description of the application error found in the item of the received Intrastat declaration.

**CONTENT/TYPE**

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

**EXAMPLE**

```
<itemComment>Erroneous CN8 code</itemComment>
```

```
<INSRES>
```

```
<Envelope>
```

```
<envelopeId>
```

```
<DateTime>
```

```
<date>
```

```
<time>
```

```
<Party>
```

```
<testIndicator>
```

```
<INSTAEnvelope>
```

```
<envelopeId>
```

```
<DateTime>
```

```
<envelopeActionCode>
```

```
<envelopeErrorCode>
```

```
<envelopeComment>
```

```
<Declaration>
```

```
<declarationId>
```

```
<declarationActionCode>
```

```
<declarationErrorCode>
```

```
<declarationComment>
```

```
<lateIndicator>
```

```
<referencePeriod>
```

```
<PSIID>
```

```
<declarationTypeCode>
```

```
<flowCode>
```

```
<rTotalInvoicedAmount>
```

```
<rTotalStatisticalValue>
```

```
<rTotalNumberLines>
```

```
<Item>
```

```
<itemNumber>
```

```
<itemErrorCode>
```

```
<itemComment>
```

## 6. XML SCHEMA DEFINITION LANGUAGE OF INSRES/XML: insres10.xsd

```

<?xml version = "1.0" encoding = "ISO-8859-1"?>
<xsd:schema xmlns:xsd = "http://www.w3.org/2001/XMLSchema">
  <xsd:element name = "INSRES">
    <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" minOccurs = "2" maxOccurs = "2"/>
        <xsd:element ref = "testIndicator" minOccurs = "0"/>
        <xsd:element ref = "INSTATEvelope"/>
      </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: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:restriction>
        </xsd:simpleType>
    </xsd:attribute>
</xsd:complexType>
</xsd:element>
<xsd:element name = "partyId" type = "xsd:string"/>
<xsd:element name = "testIndicator" type = "xsd:boolean"/>
<xsd:element name = "Declaration">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element ref = "declarationId"/>
            <xsd:element ref = "declarationActionCode" minOccurs = "0"/>
            <xsd:element ref = "declarationErrorCode" minOccurs = "0"/>
            <xsd:element ref = "declarationComment" minOccurs = "0"/>
            <xsd:element ref = "lateIndicator" minOccurs = "0"/>
            <xsd:element ref = "referencePeriod" minOccurs = "0"/>
            <xsd:element ref = "PSId" minOccurs = "0"/>
            <xsd:element ref = "declarationTypeCode" minOccurs = "0"/>
            <xsd:element ref = "flowCode" minOccurs = "0"/>
            <xsd:element ref = "rTotalInvoicedAmount" minOccurs = "0"/>
            <xsd:element ref = "rTotalStatisticalValue" minOccurs = "0"/>
            <xsd:element ref = "rTotalNumberLines" minOccurs = "0"/>
            <xsd:element ref = "Item" minOccurs = "0" maxOccurs = "unbounded"/>
        </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 = "declarationTypeCode" type = "xsd:string"/>
<xsd:element name = "flowCode" type = "xsd:string"/>
<xsd:element name = "Item">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element ref = "itemNumber"/>
            <xsd:element ref = "itemErrorCode" minOccurs = "0"/>
            <xsd:element ref = "itemComment" minOccurs = "0"/>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name = "itemNumber" type = "xsd:integer"/>
<xsd:element name = "date" type = "xsd:date"/>

```

```

<xsd:element name = "time" type = "xsd:time"/>
<xsd:element name = "lateIndicator" type = "xsd:boolean"/>
<xsd:element name = "rTotalInvoicedAmount" type = "xsd:decimal"/>
<xsd:element name = "rTotalStatisticalValue" type = "xsd:decimal"/>
<xsd:element name = "rTotalNumberLines" type = "xsd:integer"/>
<xsd:element name = "errorCode" type = "xsd:string"/>
<xsd:element name = "INSTATEEnvelope">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element ref = "envelopeld"/>
      <xsd:element ref = "DateTime" minOccurs = "0"/>
      <xsd:element ref = "envelopeActionCode" minOccurs = "0"/>
      <xsd:element ref = "envelopeErrorCode" minOccurs = "0"/>
      <xsd:element ref = "envelopeComment" minOccurs = "0"/>
      <xsd:element ref = "Declaration" minOccurs = "0" maxOccurs = "unbounded"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name = "envelopeActionCode">
  <xsd:simpleType>
    <xsd:restriction base = "xsd:string">
      <xsd:enumeration value = "AR"/>
      <xsd:enumeration value = "RE"/>
      <xsd:enumeration value = "AC"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name = "envelopeErrorCode" type = "xsd:string"/>
<xsd:element name = "envelopeComment" type = "xsd:string"/>
<xsd:element name = "declarationActionCode">
  <xsd:simpleType>
    <xsd:restriction base = "xsd:string">
      <xsd:enumeration value = "AC"/>
      <xsd:enumeration value = "RE"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name = "declarationErrorCode" type = "xsd:string"/>
<xsd:element name = "declarationComment" type = "xsd:string"/>
<xsd:element name = "itemErrorCode" type = "xsd:string"/>
<xsd:element name = "itemComment" type = "xsd:string"/>
</xsd:schema>

```

## 7. EXAMPLES OF XML RESPONSES to INSTAT/XML

Examples of application responses to Intrastat declarations.

Three examples of INSRES/XML are presented:

- an acknowledgement of receipt of the envelope of INSTAT/XML,
- an acceptance of the declaration contained in INSTAT/XML without application error after validation of received data,
- a rejection of a declaration contained in INSTAT/XML containing application errors after validation of received data (these errors are bold and underlined).

**Examples of INSRES/XML as acknowledgement of receipt and acceptance of INSTAT/XML*****Example of INSTAT/XML without error:***

```

<?xml version = "1.0" encoding = "ISO-8859-1"?>
<INSTAT xmlns:xsi = "http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation =
"instat62.xsd">
  <Envelope>
    <envelopId>AA020717</envelopId>
    <DateTime>
      <date>2002-07-17</date>
      <time>13:34:05</time>
    </DateTime>
    <Party partyType = "TDP" partyRole = "sender">
      <partyId>2FRAG35383264500001</partyId>
      <partyName>TDP Name</partyName>
      <interchangeAgreementId>AGR012</interchangeAgreementId>
      <password>Mot2</password>
      <Address>
        <streetName>18, Lilas Street</streetName>
        <postalCode>75000</postalCode>
        <cityName>Paris</cityName>
        <phoneNumber>00 33 55 44 66</phoneNumber>
        <faxNumber>00 33 77 88 99</faxNumber>
      </Address>
      <ContactPerson>
        <contactPersonName>Mr Tulipe</contactPersonName>
      </ContactPerson>
    </Party>
    <Party partyType = "CC" partyRole = "receiver">
      <partyId>METZ</partyId>
      <partyName>C.I.S.D. DE METZ</partyName>
      <Address>
        <streetName>27, PLACE THIEBAULT - BP 832</streetName>
        <postalCode>57013</postalCode>
        <cityName>METZ CEDEX 1</cityName>
        <phoneNumber>TEL: 03.87.76.12.13.</phoneNumber>
        <faxNumber>FAX: 03.87.74.96.81.</faxNumber>
        <e-mail>cisd-metz@douane.finances.gouv.fr</e-mail>
      </Address>
    </Party>
    <Party partyType = "PSI" partyRole = "PSI">
      <partyId>FRAG35383264500001</partyId>
      <partyName>PSI Enterprise</partyName>
      <Address>
        <streetName>220, Rue de la Paix</streetName>
        <postalCode>75000</postalCode>

```

```

        <cityName>Paris</cityName>
        <phoneNumber>00 33 345 12 12</phoneNumber>
        <faxNumber>00 33 345 89 89</faxNumber>
    </Address>
    <ContactPerson>
        <contactPersonName>Monsieur Contact</contactPersonName>
    </ContactPerson>
</Party>
<softwareUsed>SW=IDEP-XML</softwareUsed>
<Declaration>
    <declarationId>000001</declarationId>
    <referencePeriod>2001-05</referencePeriod>
    <PSIID>FRAG35383264500001</PSIID>
    <Function>
        <functionCode>O</functionCode>
    </Function>
    <declarationTypeCode>1</declarationTypeCode>
    <flowCode>A</flowCode>
    <currencyCode>EUR</currencyCode>
    <totalNetMass>1110</totalNetMass>
    <totalInvoicedAmount>40000</totalInvoicedAmount>
    <totalStatisticalValue>62000</totalStatisticalValue>
    <Item>
        <itemNumber>1</itemNumber>
        <CN8>
            <CN8Code>23099010</CN8Code>
            <SUCode>PCE</SUCode>
        </CN8>
        <MSConsDestCode>DK</MSConsDestCode>
        <countryOfOriginCode>CN</countryOfOriginCode>
        <netMass>1100</netMass>
        <quantityInSU>10</quantityInSU>
        <invoicedAmount>40000</invoicedAmount>
        <statisticalValue>50000</statisticalValue>
        <statisticalProcedureCode>11</statisticalProcedureCode>
        <NatureOfTransaction>
            <natureOfTransactionACode>1</natureOfTransactionACode>
            <natureOfTransactionBCode>1</natureOfTransactionBCode>
        </NatureOfTransaction>
        <modeOfTransportCode>1</modeOfTransportCode>
        <regionCode>54</regionCode>
        <DeliveryTerms>
            <TODCode>CFR</TODCode>
            <locationCode>2</locationCode>
        </DeliveryTerms>
    </Item>

```

```
    <totalNumberLines>1</totalNumberLines>
    <totalNumberDetailedLines>8</totalNumberDetailedLines>
  </Declaration>
  <numberOfDeclarations>1</numberOfDeclarations>
</Envelope>
</INSTAT>
```

***INSRES/XML is an acknowledgement of receipt of the envelope of INSTAT/XML (code "AR" in "envelopeActionCode" element)***

*INSRES/XML is associated with the schema **insres10.xsd**.*

```
<?xml version = "1.0" encoding = "ISO-8859-1"?>
<INSRES xmlns:xsi = "http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation =
"insres10.xsd">
  <Envelope>
    <envelopId>RES111101</envelopId>
    <DateTime>
      <date>2002-07-17</date>
      <time>15:04:05</time>
    </DateTime>
    <Party partyType = "CC" partyRole = "sender">
      <partyId>METZ</partyId>
    </Party>
    <Party partyType = "TDP" partyRole = "receiver">
      <partyId>FRAG35383264500001</partyId>
    </Party>
    <INSTATEvelope>
      <envelopId>AA020717</envelopId>
      <envelopeActionCode>AR</envelopeActionCode>
    </INSTATEvelope>
  </Envelope>
</INSRES>
```

***INSRES/XML is an acceptance of the Intrastat declaration contained in INSTAT/XML (code "AC" in "declarationActionCode" element)***

*INSRES/XML is associated with **insres10.xsd**. Optional elements are added to this example like "lateIndicator" (INSTAT/XML arrived after the deadline in the Collecting Centre), "PSIID" and "flowCode".*

```
<?xml version = "1.0" encoding = "ISO-8859-1"?>
<INSRES xmlns:xsi = "http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation =
"insres10.xsd">
  <Envelope>
    <envelopId>RES111255</envelopId>
    <DateTime>
      <date>2002-07-17</date>
      <time>15:22:05</time>
    </DateTime>
    <Party partyType = "CC" partyRole = "sender">
      <partyId>METZ</partyId>
    </Party>
    <Party partyType = "TDP" partyRole = "receiver">
      <partyId>FRAG35383264500001</partyId>
    </Party>
    <INSTATEnvelope>
      <envelopId>AA020717</envelopId>
      <Declaration>
        <declarationId>000013</declarationId>
        <declarationActionCode>AC</declarationActionCode>
        <lateIndicator>true</lateIndicator>
        <PSIID>FRAG35383264500001</PSIID>
        <flowCode>A</flowCode>
      </Declaration>
    </INSTATEnvelope>
  </Envelope>
</INSRES>
```

**INSRES/XML is a rejection of INSTAT/XML**

*Example of INSTAT/XML containing application errors, which are a bad reference period and a bad CN8 code (the errors are bold and underlined).*

```
<?xml version = "1.0" encoding = "ISO-8859-1"?>
<INSTAT xmlns:xsi = "http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation
="instat62.xsd">
  <Envelope>
    <envelopeld>AA020717</envelopeld>
    <DateTime>
      <date>2002-07-17</date>
      <time>14:14:58</time>
    </DateTime>
    <Party partyType = "TDP" partyRole = "sender">
      <partyId>FRAG35383264500001</partyId>
      <partyName>TDP Name</partyName>
      <interchangeAgreementId>AGR012</interchangeAgreementId>
      <password>Mot2</password>
    </Party>
    <Party partyType = "CC" partyRole = "receiver">
      <partyId>METZ</partyId>
      <partyName>C.I.S.D. DE METZ</partyName>
    </Party>
    <Declaration>
      <declarationId>0000013</declarationId>
      <referencePeriod>1947-09</referencePeriod>
      <PSIID>FRAG35383264500001</PSIID>
      <Function>
        <functionCode>O</functionCode>
      </Function>
      <declarationTypeCode>1</declarationTypeCode>
      <flowCode>A</flowCode>
      <currencyCode>EUR</currencyCode>
      <totalNetMass>1110</totalNetMass>
      <totalInvoicedAmount>40000</totalInvoicedAmount>
      <totalStatisticalValue>62000</totalStatisticalValue>
      <Item>
        <itemNumber>1</itemNumber>
        <CN8>
          <CN8Code>23B78CCFD0</CN8Code>
          <SUCode>PCE</SUCode>
        </CN8>
        <MSConsDestCode>DK</MSConsDestCode>
        <countryOfOriginCode>CN</countryOfOriginCode>
        <netMass>1100</netMass>
      </Item>
    </Declaration>
  </Envelope>
</INSTAT>
```

```
<quantityInSU>10</quantityInSU>
<invoicedAmount>40000</invoicedAmount>
<statisticalValue>50000</statisticalValue>
<statisticalProcedureCode>11</statisticalProcedureCode>
<NatureOfTransaction>
  <natureOfTransactionACode>1</natureOfTransactionACode>
  <natureOfTransactionBCode>1</natureOfTransactionBCode>
</NatureOfTransaction>
<modeOfTransportCode>1</modeOfTransportCode>
<regionCode>54</regionCode>
<DeliveryTerms>
  <TODCode>CFR</TODCode>
  <locationCode>2</locationCode>
</DeliveryTerms>
</Item>
<totalNumberLines>1</totalNumberLines>
<totalNumberDetailedLines>8</totalNumberDetailedLines>
</Declaration>
<numberOfDeclarations>1</numberOfDeclarations>
</Envelope>
</INSTAT>
```

***INSRES/XML is a rejection of the Intrastat declaration (code "RE" in "declarationActionCode" element)***

*INSRES/XML is associated with **insres10.xsd**. Optional elements are added to this example like "declarationErrorCode", "declarationComment", "itemNumber", "itemErrorCode", itemComment".*

```
<?xml version = "1.0" encoding = "ISO-8859-1"?>
<INSRES xmlns:xsi = "http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation =
"insres10.xsd">
  <Envelope>
    <envelopId>RES111255</envelopId>
    <DateTime>
      <date>2002-07-17</date>
      <time>15:02:05</time>
    </DateTime>
    <Party partyType = "CC" partyRole = "sender">
      <partyId>METZ</partyId>
    </Party>
    <Party partyType = "TDP" partyRole = "receiver">
      <partyId>FRAG35383264500001</partyId>
    </Party>
    <INSTATEvelope>
      <envelopId>AA010702</envelopId>
      <Declaration>
        <declarationId>000013</declarationId>
        <declarationActionCode>RE</declarationActionCode>
        <declarationErrorCode>ERR12</declarationErrorCode>
        <declarationComment>Erroneous reference period</declarationComment>
        <Item>
          <itemNumber>1</itemNumber>
          <itemErrorCode>ERRCN8</itemErrorCode>
          <itemComment>Error on the CN8 code</itemComment>
        </Item>
      </Declaration>
    </INSTATEvelope>
  </Envelope>
</INSRES>
```