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English version

The Intrastat System - Part 3: Message Implementation Guideline of INSRES/XML

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Contents

Contents.....	2
Foreword.....	3
Introduction	4
1 Scope.....	5
2 Normative References	6
3 Definitions, symbols and abbreviations	7
3.1 Definitions.....	7
3.2 Abbreviations.....	7
3.3 Conventions.....	7
3.4 Diagram	8
4 INSRES/XML Message Implementation Guideline.....	9
4.1 LEGAL BASIS	9
4.2 INSRES/XML DIAGRAM	9
4.2.1 First part: Details related to the INSRES envelope	10
4.2.2 Second part: Details related to the received Intrastat declaration	11
4.3 DESCRIPTION OF PROLOG	12
4.4 CROSS REFERENCE.....	13
4.4.1 Table with information sorted in alphabetical order	13
4.4.2 Table with information sorted in order of the diagram of INSRES/XML.....	15
4.5 DESCRIPTION OF ELEMENTS	17
4.6 XML SCHEMA DEFINITION LANGUAGE OF INSRES/XML: insres1.1_draft.xsd.....	28
4.7. EXAMPLES OF XML RESPONSES TO INSTAT/XML	31
Table 1 Table with INSRES/XML element information sorted in alphabetical order	14
Table 2. Table with INSRES/XML element information sorted in order of the diagram of INSRES/XML	16
Figure 1. First part of the INSRES/XML Diagram - Details related to the INSRES envelope	10
Figure 2. Second part of the INSRES/XML Diagram - Details related to the received Intrastat declarations.	11

Foreword

The review of this document has been carried out against the rules as they were at the moment of the review. This domain is continuously evolving and the rules might change in the future. The compatibility with future versions is not guaranteed but obviously an effort will be made to keep the different versions of rules as compatible as possible.

This document is the third part of a global CWA. The first part is the Intrastat System Implementation Model which actually covers the exchange of two statistical messages INSTAT and INSRES. The present document is the implementation guidelines of the INSRES Message.

The document has been developed by the CEN/ISSS Workshop eBES, EEG6/WG5 (eBES Expert group 6 / Statistics Working Group 5 – Foreign trade statistics – Internal version 6.3).

This document is the revision (Version 1.1) of CWA 14729-3:2003.

The final review/endorsement round for this CWA was successfully closed on 28 February 2005. The final text of this CWA was submitted to CEN for publication on 25 May 2005.

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Introduction

The present CEN Workshop Agreement presents the INSRES message Implementation Guideline. INSRES is part of Intrastat. Intrastat is the EC statistical collection system set up for compiling statistics relating to the trading of goods between Member States. It is a global model that covers the exchange of two statistical messages (INSTAT, INSRES).

The model is the first part of a global CWA. The implementation guidelines for the two messages (INSTAT, INSRES) are issued as the second and the third parts of the same CWA.

The main difference between this version and the previous concerns modifications necessary to use the INSRES response message to the Extrastat declarations as well. The differences between this version (1.1) and the previous version (1.0) are summarized in the following:

- Element INSTATenvelope was renamed to the more generic name "DeclarationsEnvelope" so as INSRES/XML can be used as a response message for both Intrastat and Extrastat declarations.
- The attribute "declarationType" was added to element "DeclarationsEnvelope" to identify the type of declarations. Two values are possible: "instat" and "exstat" for Intrastat and Extrastat declarations respectively.

1 Scope

The purpose of this document is to provide the Message Implementation Guideline (MIG) of INSRES/XML, the response to 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 6.3 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 6.3.

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 (insres1.1_draft.xsd);
- Examples of XML responses to INSTAT/XML

The 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 Normative References

The following normative documents contain provisions which, through reference in this text, constitute provisions of this CWA.

For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this CWA are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies.

1. EEC No 3330/91, Council Regulation on the statistics relating to the trading of goods between Member States, November 1991
2. EEC No 3590/92, Council Regulation on the statistical information media for statistics on Trade between Member States, December 1992