



NSAI

Standards

Irish Standard Recommendation
S.R. CEN/TS 16735:2015

Postal services - Extensible Common Structure and Representation for Postal Rates - EPR

S.R. CEN/TS 16735:2015

Incorporating amendments/corrigenda/National Annexes issued since publication:

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation — recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):

NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.

This document is based on:

CEN/TS 16735:2015

Published:

2015-03-18

This document was published under the authority of the NSAI and comes into effect on:

2015-04-06

ICS number:

03.240

NOTE: If blank see CEN/CENELEC cover page

NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie
W NSAI.ie

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

TECHNICAL SPECIFICATION
SPÉCIFICATION TECHNIQUE
TECHNISCHE SPEZIFIKATION

CEN/TS 16735

March 2015

ICS 03.240

English Version

**Postal services - Extensible Common Structure and
Representation for Postal Rates - EPR**

Services postaux - Structure commune extensible et
représentation pour les tarifs postaux

Postalische Dienstleistungen - Erweiterungsfähige
gemeinsame Struktur und Repräsentation von Posttarifen -
EPR

This Technical Specification (CEN/TS) was approved by CEN on 30 September 2014 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

CEN members are required to announce the existence of this CEN/TS in the same way as for an EN and to make the CEN/TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the CEN/TS) until the final decision about the possible conversion of the CEN/TS into an EN is reached.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents

	Page
Foreword.....	4
Introduction	5
1 Scope	10
2 Normative references	10
3 Terms and definitions	10
4 Symbols and abbreviations	13
5 General Concepts	13
5.1 Extensible Common Structure and Representation for Postal Rates (EPR).....	13
5.2 Using EPR for design, communication and processing of Postal Rates	18
5.3 Time.....	18
6 EPR XML Schema	19
6.1 Introduction	19
6.2 Structure of EPR Type.....	19
6.2.1 General.....	19
6.2.2 EPR attributes	24
6.3 Dimensional weight	25
6.4 Calculated weight	27
6.4.1 General.....	27
6.4.2 Weight rounding	28
6.5 Zone or Distance.....	29
6.6 Calculated distance	30
6.7 Base amount	31
6.7.1 General.....	31
6.7.2 Amount rounding.....	35
6.8 Distance and weight based fees	36
6.9 Dimension-based fees.....	37
6.10 Value-based fees.....	38
6.11 Quantity-based fees	39
6.12 Amount-based fees.....	40
6.13 Date-based fees	41
6.14 Value added fees.....	42
6.15 Generic fees	43
6.16 Taxes	44
6.17 Customs charges.....	45
6.18 EPR validity	46
6.19 Terms and agreements	47
6.20 Information for human consumption.....	47
6.21 Foundation types	48
6.21.1 Table2D type.....	48
6.21.2 RowType type.....	51
6.21.3 DataElementType type	51
6.21.4 AlgorithmAndValue type	52
6.21.5 TimePeriodType type	52
6.21.6 UpuUpdate type	53
6.21.7 DataIntegrityInfoAlgorithm type	53
6.21.8 DataIntegrityInfoAlgorithmEnum enumeration	53
6.21.9 CodeListType type	54

Annex A (informative) Example of EPR definition file – La Poste COLISSIMO OUTRE-MER	55
Annex B (informative) Example of EPR definition file – USPS First Class Single Piece	58
Annex C (informative) Example of XML schema for base amount calculation using product key input.....	62
Annex D (informative) EPR schema files.....	67
Annex E (informative) Intellectual property.....	75
Bibliography.....	77

Foreword

This document (CEN/TS 16735:2015) has been prepared by Technical Committee CEN/TC 331 “Postal services”, the secretariat of which is held by NEN.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this Technical Specification: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

- Looking for additional Standards? Visit Intertek Inform Infostore
- Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation