

# SVENSK STANDARD

## SS-EN 17099:2020

**Informationsteknik – Fiskeri- och vattenbruksprodukter – Krav för märkning av distributionsenheter och pallar i handel med fiskeri- och vattenbruksprodukter**

**Information technology – Fishery and aquaculture products – Requirements for labelling of distribution units and pallets in the trade of fishery and aquaculture products**



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Europastandarden EN 17099:2020 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av EN 17099:2020.

The European Standard EN 17099:2020 has the status of a Swedish Standard. This document contains the official version of EN 17099:2020.



EUROPEAN STANDARD

EN 17099

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

Information technology - Fishery and aquaculture  
products - Requirements for labelling of distribution units  
and pallets in the trade of fishery and aquaculture  
products

Technologies de l'information - Poissons et produits à  
base de poisson - Exigences relatives à l'étiquetage des  
unités de distribution et des palettes dans le commerce  
des produits de la mer

Informationstechnik - Fischerei- und  
Aquakulturerzeugnisse - Anforderungen an die  
Etikettierung an Verteilungseinheiten und Paletten für  
den Handel mit Erzeugnissen der Fischerei und  
Aquakultur

This European Standard was approved by CEN on 3 February 2020.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, 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: Rue de la Science 23, B-1040 Brussels

**SS-EN 17099:2020 (E)**

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## **European foreword**

This document (EN 17099:2020) has been prepared by Technical Committee CEN/TC 225 “AIDC technologies”, the secretariat of which is held by TSE.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2020, and conflicting national standards shall be withdrawn at the latest by September 2020.

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

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

## SS-EN 17099:2020 (E)

### Introduction

This document provides information for the labelling of distribution units (boxes, cartons, bags, etc.) and logistic units (pallets, cages, trolleys etc.) in the trade of fishery and aquaculture products. The data to be included on the labels will help to ensure that the correct traceability information is available throughout the supply chain, both nationally and internationally. The use of standardized labelling will help to increase efficiency and reduce costs thereby adding value across the supply chain. In addition, correct labelling will enhance traceability, increase trust in the origin and quality of the product, and ultimately improve both food safety and the supply of fresher fishery and aquaculture products.

Standardized labelling will enhance the quality and availability of traceability data and support the interoperability between information technology systems.

Improved traceability will make it more difficult to trade illegal, unreported and unregulated fishery and aquaculture products.

The information to be provided on the labels relates to EU Regulations and other information that could be required across the supply chain.

The distribution of fishery and aquaculture products has the following distinctive features:

- they constitute exports to every continent;
- they are covered by national and international legislation;
- there are requirements regarding the processing of fishery and aquaculture products, and the documentation of these processes;
- shared distribution centres are used for loading or repackaging;
- buyers and sellers are not always known at the time of production.

Standardized labels used on distribution units in the fishery and the aquaculture supply chain will ensure that information is provided in both human readable text and bar codes when required by this document. This enables parties involved in the supply chain to identify and manage the transport of goods and exchange information in a more efficient and reliable way. International standards and guidelines relevant to the exchange of the data attributes contained in bar codes are referenced in this document.

This document addresses the provision of traceability information only by the use of labels, however other means can also be used to provide traceability information. When appropriate, it is allowed to label a lot containing a digitally readable alphanumeric code that is part of the identification number. The prerequisite is that the alphanumeric code is linked to a database containing the EU regulation traceability attributes.



## **1 Scope**

This document specifies requirements for labels to be used on distribution units (boxes, cartons, bags, etc.), and logistic units (pallets, cages, trolleys, etc.) for fishery and aquaculture products, ensuring uniform labels with human readable text and bar codes using a common data set, thereby fulfilling EU Regulations and facilitating traceability.

NOTE Other labelling systems could also address European regulatory requirements.

This document does not address the exchange of any information by means other than the use of labels

The technologies referred to in this document are examples of methods that are suitable to provide product traceability.

This document does not cover requirements on the labelling or marking of consumer packaging but aims to ensure that the necessary information for consumer packaging labelling or marking is available through the supply chain.

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### 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1573, *Bar code - Multi industry transport label*

EN ISO/IEC 15415, *Information technology - Automatic identification and data capture techniques - Bar code print quality test specification - Two-dimensional symbols (ISO/IEC 15415)*

EN ISO/IEC 15416, *Information technology - Automatic identification and data capture techniques - Bar code print quality test specification - Linear symbols (ISO/IEC 15416)*

EN ISO/IEC 15419, *Information technology - Automatic identification and data capture techniques - Bar code digital imaging and printing performance testing (ISO/IEC 15419)*

EN ISO/IEC 15423, *Information technology - Automatic identification and data capture techniques - Bar code scanner and decoder performance testing (ISO/IEC 15423)*

ISO/IEC 15417, *Information technology — Automatic identification and data capture techniques — Code 128 bar code symbology specification*

ISO/IEC 15459-1, *Information technology — Automatic identification and data capture techniques — Unique identification — Part 1: Individual transport units*

ISO/IEC 15459-2, *Information technology — Automatic identification and data capture techniques — Unique identification — Part 2: Registration procedures*

ISO/IEC 15459-3, *Information technology — Automatic identification and data capture techniques — Unique identification — Part 3: Common rules*

ISO/IEC 16022, *Information technology — Automatic identification and data capture techniques — Data Matrix bar code symbology specification*

ISO/IEC 19762, *Information technology — Automatic identification and data capture (AIDC) techniques — Harmonized vocabulary*

ISO 15394, *Packaging — Bar code and two-dimensional symbols for shipping, transport and receiving labels*

### 3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO/IEC 19762 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <https://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>

#### 3.1

##### **label**

any tag, brand, mark, pictorial or other descriptive matter, written, printed, stencilled, marked, embossed or impressed on, or attached to the packaging or container of food

#### 3.2

##### **bar code**

optical, machine-readable, representation of data; the data usually describes something about the object that carries the barcode

Note 1 to entry: Originally, barcodes represented data using parallel bars of varying widths and spacings (1D). Subsequently, two-dimensional (2D) symbols using rectangles, dots, hexagons and other geometric patterns in two dimensions were developed but are still referred to as bar codes.

#### 3.3

##### **bar code reader**

device used to access the data represented in a bar code and includes various devices that can read images and decode the data encoded in the bar code, such as bar code scanners and smartphones with a camera and the relevant software

#### 3.4

##### **distribution unit**

one single container in which fishery and aquaculture products are distributed

Note 1 to entry: Distribution units may be in the form of boxes, cartons, crates or other means of storage.

#### 3.5

##### **logistic unit**

unit in or upon which distribution units are aggregated for transportation

Note 1 to entry: A logistic unit may be in the form of a pallet, cage or other means of storage.

Note 2 to entry: A logistic unit may consist of a single distribution unit.