WORLD INTELLECTUAL PROPERTY ORGANIZATION

SPECIAL UNION FOR THE INTERNATIONAL CLASSIFICATIONS OF GOODS AND SERVICES FOR THE PURPOSE OF THE REGISTRATION OF MARKS

(NICE UNION)

Specification of NCL Classification texts File

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# Introduction

This document is part of the NCL master files specification. It describes the detailed structure and content of the NCL Classification Texts XML file. The Classification Texts file is primarily used as an exchange format aiming at easy data transfer between heterogeneous IT systems.

# Brief Description

## Content Overview

The NCL Classification Texts file provides the class headings and explanatory notes of each Class as well as indications of each Good or Service in the NCL classification.

## File Name

The NCL Classification Texts file for a specific edition and version, in a specified language is named ncl-YYYYMMDD-LL-classification\_texts-YYYYMMDD.xml where LL is the language code, the first YYYYMMDD refers to the date the specified edition-version goes into force, and the second is the date the file was generated, as described in the master files specification file.

# File Structure

The root element of the Classification Texts file is named <ClassificationTexts>. It has the required “edition”, “version”, "dateInForce", "dateOfGeneration", and "language" attributes described in the master files specification.

The root element must contain two elements <ClassesTexts> and <GoodsAndServicesTexts>.

## Classes texts

The <ClassesTexts> element has a sub element for each class in the NCL classification, all named <ClassTexts>.

Each <ClassTexts> element has two required attributes:

* "id" (See description in “Master Files Specification” document) which value is the unique identifier of the texts being described.
* "idRef" which value is the unique identifier of the class as defined in ncl-YYYYMMDD-classification\_top\_structure.xml file.

Each <ClassesTexts> has two subelements: <Heading>, and <ExplanatoryNote>.

### Class Heading

The <Heading> element contains a list of <HeadingItem> elements, where each <HeadingItem> contains the text from a single part of the class heading. In the classification publication, heading parts are separated by semi-colons. This punctuation should not be included in the XML file.

The <HeadingItem> element has one required attribute "id" (See description in “Master Files Specification” document).

### Explanatory Note

The <ExplanatoryNote> element has no attributes and three possible subelements, all of which are optional for any one class. Typically, at least one of these elements is present for each class. The three subelements are the <Introduction>, <IncludesInParticular>, and <ExcludesInParticular>.

The <ExplanatoryNote> element has one required attribute "id" (See description in “Master Files Specification” document).

### Introduction

The <Introduction> element may contain texts and/or <OrderedList> element(s) described in the master files specification.

The <Introduction> element has one required attribute "id" (See description in “Master Files Specification” document).

### Includes In Particular

The <IncludesInParticular> element is an itemized list of goods or services that are included in this class. Each item is enclosed in an element named <Include>. This element is not formatted. End of line punctuation (semi-colon or period) should not be present inside the <Include> element. Individual <Include> elements can contain the <OrderedList>, <ClassLink>, <GoodOrServiceLink>, <GeneralRemarkLink> and/or <HierarchyGroupLink> elements described in the master files specification.

The <Include> element has one required attribute "id" (See description in “Master Files Specification” document).

### Excludes In Particular

The <ExcludesInParticular> element is similar to the <IncludesInParticular> element except that it is an itemized list of <Exclude> elements containing the names of goods or services that do not belong in this class. End of line punctuation should not be included in the exclude element, nor should the text for the alternate class. Individual <Exclude> elements can contain the <OrderedList>, <ClassLink>, <GoodOrServiceLink>, <GeneralRemarkLink> and/or <HierarchyGroupLink>elements described in the master files specification. <ClassLink> is specifically used to link to the class that an excluded item really belongs to.

The <Exclude> element has one required attribute "id" (See description in “Master Files Specification” document).

## Good or Service texts

The <GoodsAndServicesTexts> element contains a collection of <GoodOrServiceTexts> elements.

Each <GoodOrServiceTexts> element has two required attributes:

* "id" (See description in “Master Files Specification” document) which value is the unique identifier of the texts being described.
* "IdRef" which value is the unique identifier of the Good or Service as defined in ncl-YYYYMMDD-classification\_top\_structure.xml file.

### Indication

The <GoodOrServiceTexts> element has one <Indication> sub element and zero or more <SynonymIndication> subelements. Synonym indications are different wordings or spellings for the same good or service.

The <Indication> and <SynonymIndication> elements have the same structure: a required <Label> element, an optional <SortExpression> element, and optional <AlternateSortExpression> elements.

The <Indication> and <SynonymIndication> elements have one required attribute "id" (See description in “Master Files Specification” document).

### Label

The <Label> element defines the way a good or service is displayed to human users of the system. It may contain asterisks or square brackets for disambiguation, but should not contain the round brackets of cross references; these are specified by having multiple sort expressions.

The label element should be in all lowercase characters, unless a letter needs to be capitalized for correct spelling (e.g. as part of a proper noun in English). Notably, the first character of the label should not normally be capitalized in either language.

The label is not parsed by IT systems, and is only used for human-readable display of the indication.

The <Label> element has one required attribute "id" (See description in “Master Files Specification” document).

### Sort Expression

Indications are not always sorted according to the alphabetical spelling of the label. A sort expression is the text that the indication is sorted on. There can be more than one sort expression for a single indication. In this case, the primary sort expression is indicated inside <SortExpression> element, and others inside <AlternateSortExpression> elements.

The sort expression content must be an exact subset of the words used in the label. If the sort expression happens to contain punctuation (square brackets, asterisks), the punctuation should be included in the sort expression element, but will not influence the sort order of the sort expression; only the alphabetic characters are used for sorting.

The <SortExpression> and <AlternateSortExpression> elements have one required attribute "id" (See description in “Master Files Specification” document).

# Examples

## Class texts

<Class id="U2398278610" idRef="U2398338610">

 <Heading id="U2398278610">

 <HeadingItem id="U2398278611">

 Scientific, nautical, surveying, photographic, cinematographic,

 optical, weighing, measuring, signaling, checking (supervision),

 life-saving and teaching apparatus and instruments

 </HeadingItem>

 <HeadingItem id="U2398278612">

 apparatus and instruments for conducting, switching, transforming,

 accumulating, regulating or controlling electricity

 </HeadingItem>

 </Heading>

 <ExplanatoryNote id="U2398278613">

 <IncludesInParticular>

 <Include id="U2398278614">apparatus and instruments for scientific research in

 laboratories</Include>

 <Include id="U2398278615">apparatus and instruments for controlling ships, such as

 apparatus and instruments for measuring and for transmitting orders</Include>

 <Include id="U2398278616">

 <OrderedList>

 <Introduction>the following electrical apparatus and instruments:</Introduction>

 <ListItem> certain electrothermic tools and apparatus, such as electric

 soldering irons, electric flat irons which, if they were not

 electric, would belong to <ClassLink

 idRef="U23896988" targetKind="number"/></ListItem>

 <ListItem>apparatus and devices which, if not electrical would be

 listed in various classe, i.e., electrically heated clothing,

 cigar-lighters for automobiles

 </ListItem>

 </OrderedList>

 </Include>

 <Include>protractors</Include>

 </IncludesInParticular>

 <ExcludesInParticular>

 <Exclude id="U2398278617">

 <OrderedList>

 <ListItem>electromechanical apparatus for the kitchen

 (grinders and mixers for foodstuffs, fruit presses, electrical

 coffee mills, etc.), and certain other apparatus and instruments

 driven by an electrical motor, all coming under

 <ClassLink idRef="U37214327" targetKind="text"/></ListItem>

 <ListItem>electric razors and clippers (hand instruments) (

 <ClassLink idRef=" U23896988" targetKind="number"/>)</ListItem>

 <ListItem>electric toothbrushes and combs (<ClassLink

 idRef="U871234821" targetKind="number"/>)</ListItem>

 <ListItem>electrical apparatus for space heating or for the

 heating of liquids, for cooking ventilating, etc. (

 <ClassLink idRef="U2347611" targetKind="number"/>)</ListItem>

 </OrderedList>

 </Exclude>

 <Exclude id="U2398278618">clocks and watches and other chronometric instruments

 (<ClassLink idRef=" U8012719814" targetKind="number"/>)</Exclude>

 <Exclude id="U2398278619">control clocks (<ClassLink

 idRef="U8012719814" targetKind="number"/>)</Exclude>

 </ExcludesInParticular>

 </ExplanatoryNote>

</Class>

## A simple good

The good with basic\_number 0627 has only one indication in each language:

<GoodOrServiceTexts id="U2983589409" IdRef="U2983989410">

 <Indication>

 <Label>Abacuses</Label>

 <SortExpression id="U2983589419">abacuses</SortExpression>

 </Indication>

</GoodOrServiceTexts>

## A good with a synonym indication

The good with basic number 0014 has two indications:

<GoodOrServiceTexts id="U2983589410" IdRef="U2983989411">

 <!-- A good with a synonym indication using disambiguation. -->

 <Indication id="U2983589411">

 <Label id="U2983589412">Acoustic [sound] alarms</Label>

 <SortExpression id="U2983589413">acoustic</SortExpression>

 </Indication>

 <SynonymIndication id="U2983589414">

 <Label id="U2983589415">Sound alarms</Label>

 <SortExpression id="U2983589416">sound</SortExpression>

 </SynonymIndication>

</GoodOrServiceTexts>

## An indication with multiple sort expressions

The good with basic number 0016 has single indication that may be sorted three different ways in the alphabetical tab:

<Indication id="U2983589417">

<Label id="U2983589418">acid proof chemical compositions</Label>

<SortExpression id="U2983589419">acid</SortExpression>

<AlternateSortExpression id="U2983589420">proof</AlternateSortExpression>

<AlternateSortExpression id="U2983589421">chemical</AlternateSortExpression>

</Indication>

# Schema

The Classification Texts XML file must validate against NCL\_classification\_texts\_V3-21.xsd.

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