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 Top Structure File

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| **Date** | **By** | **Version** | **Status** | **Modification** |
| June 14, 2011 | Dustin Phillips | 0.1 | Draft | Creation |
| August 11, 2011 | Dustin Phillips | 0.2 | workable | Meeting with PF |
| March 11, 2013 | Sébastien Fievet | 1.0 | PF Approved | QA |
| February 23, 2015 | Olivier Collioud | 3.10 | Revised | Removal of Edition-Version element.  Addition of “edition” and “version” mandatory attributes to the root element.  Removal of “deleted” attribute. |
| October 6, 2016 | Olivier Collioud | 3.20 | PF Approved | Separation of optional Groups from mandatory Classes. Addition of unique id. |
| February 9, 2017 | Grégoire Isoz | 3.21 | Revised | Update link to the xsd with the new version number |

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Table of Contents

Specification of NCL Classification Top Structure File i

1. Introduction 2

2. Brief Description 2

2.1. Content Overview 2

2.2. File Name 2

3. File Structure 2

3.1. Classes 2

3.2. Goods or Services 2

4. Examples 3

5. Schema 3

# Introduction

This document is part of the NCL master files specification. It describes the detailed structure and content of this file. The Classification Top Structure file is primarily used as an exchange format aiming at easy data transfer between heterogeneous IT systems. The Classification Top Structure file describes the structure of goods or services within classes.

# Brief Description

## Content Overview

The NCL Classification Top Structure file describes the hierarchy of goods or services within classes associated with a specific edition and version of the NCL Classification.

## File Name

The NCL Classification Top Structure file for a specific edition and version is named ncl-YYYYMMDD-classification\_top\_structure-YYYYMMDD.xml where the first YYYYMMDD refers to the date the publication goes into force and the second is the date the file was generated, as described in the master files document. The date in force must match the date inside the file, as well as all other master files that define the classification.

# File Structure

The root element is named <ClassificationTopStructure>. It has the required “edition”, “version”, "dateInForce" and "dateOfGeneration" attributes described in the master files specification, but no language attribute. It contains a list of one or more <Class> elements.

## Classes

The <Class> element has three required attributes:

* "isGoodOrService" which value is either "good" or "service".
* "classNumber". This attribute takes an integer value defining the number of the class. Each class has a variable number of subelements describing the class hierarchy.
* "id" (See description in “Master Files Specification” document)

## Goods or Services

Each <Class> has a list of one or more <GoodOrService> elements. Each GoodOrService element has two mandatory attributes:

* "basicNumber" specifying the numerical identifier of the good or service
* "id" (See description in “Master Files Specification” document)

# Examples

Each class contains a list of goods or services:

<Class isGoodOrService="good" classNumber="1" id="U1993272">

<!-- in each class, we can find a list of GoodOrService -->

<GoodOrService basicNumber="1234" id="U1957271"/>

<GoodOrService basicNumber="1235" id="U1957272"/>

<!--other goods or services or groups -->

</Class>

# Schema

The XML file must validate against the attached corresponding schema file see NCL\_classification\_top\_structure\_V3-21.xsd.

End of document