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 Illustrations File

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| March 11, 2013 | Sébastien Fievet | 1.0 | PF Approved | QA |
| February 11, 2015 | Olivier Collioud | 3.10 | Revised | Addition of “edition” and “version” mandatory attributes to the root element. |
| October 6, 2016 | Olivier Collioud | 3.20 | PF Approved | Addition of unique id and fileName attributes. |
| February 9, 2017 | Grégoire Isoz | 3.21 | Revised | Update link to the xsd with the new version number |

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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 illustrations zip file. The illustrations file is composed of an index XML file and associated illustrations in various formats. This zip file is primarily used as an exchange format aiming at easy data transfer between heterogeneous IT systems. It contains a collection of illustrations and an index of the illustrations in the file.

# Brief Description

## Content Overview

The NCL illustrations zip file contains a collection of illustrations in various formats and an XML file that describes the filenames and MIME types of these illustrations.

The illustrations zip file contains files that describe a given good or service. These are referenced in the information files. The zip file must not contain any folder structure; all illustration files must be in the top level of the zip file.

Illustrations are normally images in png, jpg, or gif format, but other file types (e.g. sound, video) may also be used.

## File Names

The NCL illustrations zip file is named ncl-YYYYMMDD-illustrations-YYMMDD.zip where the first YYYYMMDD refers to the date the classification goes into force and the second refers to the date this file was generated.

Inside the zip file, the index XML file for a specific edition-version is named YYYYMMDD-illustrations\_index-YYYYMMDD.xml where the two dates must match those used in the zip file and must also match the attributes defined inside the index XML file.

Individual illustrations can take any valid filename, but must have file extensions that properly reflect their MIME type. Illustrations are normally images, but sound, video, or alternate file types may also be used.

# XML File Structure

The illustrations index file has a flat structure with a root element named <Illustrations>. It has the required “edition”, “version”, "dateInForce", and "dateOfGeneration", attributes described in the master files specification.

The root element contains many instances of element <Illustration>. Each <Illustration> element has three required attributes:

* "mimeType" that contains the MIME content type for the specified file. Common image MIME types are "image/png", "image/jpeg", and "image/gif". element
* "fileName" that contains the related image file name as stored in YYYYMMDD-illustrations-YYMMDD.zip. The value is a name and an extension that should comply with the value of mimeType attribute. The file name and extension are separated by a dot. The file name is made of at least one of lowercase letters or digits and may contain (but not starts or ends with) underscore (\_). The file extension is made of at least one of lowercase letters.
* "id" (See description in “Master Files Specification” document).

# Examples

The structure of the illustrations index file is as follows:

<?xml version="1.0" encoding="UTF-8"?>

<Illustrations dateInForce="2011-01-01" dateOfGeneration="2011-08-12"

 xmlns:xsi="http:**//**www.w3.org/2001/XMLSchema-instance"

 xmlns="http:**//**www.wipo.int/classifications/ncl"

 >

 <Illustration mimeType="image/png" filename="keychain.png" id="U12366362"/>

 <Illustration mimeType="image/jpg" fileName="space\_shuttle\_1.jpg" id="U12366363"/>

 <!-- additional illustrations -->

</Illustrations>

# Schema

The illustrations index XML file must validate against NCL\_illustrations\_index\_V3-21.xsd.

End of document