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 Hierarchy Groups Texts Modifications Files

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| **Date** | **By** | **Version** | **Status** | **Modification** |
| June 23, 2011 | Dustin Phillips | 0.1 | Draft | Creation |
| August 18, 2011 | Dustin Phillips | 0.2 | Draft | Complete Rewrite |
| March 11, 2013 | Sébastien Fievet | 1.0 | PF Approved | QA |
| February 12, 2015 | Olivier Collioud | 3.10 | Revised | Addition of “edition” and “version” mandatory attributes to the root element.Moved taxonomy modifications to separate files |
| October 6, 2016 | Olivier Collioud | 3.20 | PF Approved | Addition of unique identifiers. |
| February 9, 2017 | Grégoire Isoz | 3.21 | Revised | Update link to the xsd with the new version number. Addition of mandatory attributes groupIdRef. Update of the examples. |

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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 Hierarchy Groups Texts modifications files. Such modifications files are primarily used as an exchange format aiming at easy data transfer between heterogeneous IT systems. They describe changes to the wording of the various language files.

# Brief Description

## Content Overview

The Hierarchy Groups Texts modifications files describe changes to the modifications in each of the languages.

These files contain texts modifications in various language-dependent components, including:

* Hierarchy Group Titles
* Hierarchy Group Analysis Information Files

Note that there is necessarily overlap between the Hierarchy Groups structure files and the language files. For example, if a group is deleted from Hierarchy Groups structure file, the old text of the title for that group needs to be recorded in the language files. In addition, modifications in one language file are normally reflected as translations in the other.

## File Name

The NCL Hierarchy Groups Texts modifications files in a specified language is named ncl-YYYYMMDD-LL-hierarchy\_groups\_texts\_modifications-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 this file was generated.

# Modifications File Structure

The structure of these files borrows heavily from the files that it is recording modifications for hierarchy group titles and information files.

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

The <HierarchyGroupsTextsModifications> element takes two optional subelements: <HierarchyGroupTitlesModifications> and <HierarchyGroupAnalysisModifications>. Although optional, at least one instance of one of these elements must be present.

## Modification Conventions

Modifications in the language files can be described in three ways:

1. when an entire element has been added the target element is identified by attributes "idRef" which value is the id of the element as defined in the corresponding Master File, and "groupIdRef".
2. When an element has been entirely deleted, attributes "groupIdRef" and "groupNumber" are also specified and original contents must be replicated.
3. In cases where only part of the text has changed, the target element is identified as in 1 above and, the changed text is wrapped in either <NewText> or <DeletedText> elements as mixed content. This is used, for example, if the wording of a sentence in the introduction to the general remarks has been altered.

## Hierarchy Groups

The <HierarchyGroupTitlesModifications> contains a list of optional and repeatable <AddHierarchyGroupTitle>, <DeleteHierarchyGroupTitle> and/or <ModifyHierarchyGroupTitle> elements. Although optional, at least one instance of one of these elements must be present.

<AddHierarchyGroupTitle> and <ModifyHierarchyGroupTitle> must specify:

* "groupIdRef" attribute which value is the unique identifier of the group as specified in Hierarchy Groups structure master file.
* "idRef" which values is the id of the modified title as specified in Hierarchy Groups texts master file.

The <DeleteHierarchyGroupTitle> has three required attributes:

* "groupNumber" attribute which value is the number of the deleted group as specified in NICE Classification previous version
* "idRef" attribute which value is the unique identifier of the title of the deleted group as specified in NICE Classification previous version
* "groupIdRef" attribute which value is the unique identifier of the deleted group as specified in NICE Classification previous version

Only those Hierarchy Groups that have modifications need to be listed. This includes Hierarchy Groups that have been added or deleted since the previous edition-version of the classification. All hierarchy groups listed in the Hierarchy Groups structure modifications file (having been added or deleted) must also be listed in this file. In addition, any hierarchy group that have had their titles changed since the previous edition version should also be listed.

The <ModifyHierarchyGroupTitle> element accepts <NewText> and <DeletedText> interspersed to indicate modifications to the text of the title. These elements should only be used for Hierarchy Groups that have been modified since the previous edition version, not for additions or deletions.

## Hierarchy Group Analyses

The <HierarchyGroupAnalysisModifications> elements contains a list of optional and repeatable <AddHierarchyGroupAnalysis>, <DeleteHierarchyGroupAnalysis> and/or <ModifyHierarchyGroupAnalysis>.. Although optional, at least one instance of one of these elements must be present. These elements have the same paragraph structure, as described in the master file.

<AddHierarchyGroupAnalysis> and <ModifyHierarchyGroupAnalysis> must specify:

* "groupIdRef" attribute which value is the unique identifier of the group as specified in Hierarchy Groups structure master file.
* "idRef" which values is the id of the modified Analysis as specified in Hierarchy Groups information master file.

The <DeleteHierarchyGroupAnalysis> has three required attributes:

* "groupNumber" attribute which value is the number of the deleted group as specified in NICE Classification previous version.
* "idRef" attribute which value is the unique identifier of the title of the deleted group as specified in NICE Classification previous version
* "groupIdRef" attribute which value is the unique identifier of the deleted group as specified in NICE Classification previous version

Only those <HierarchyGroupAnalysis> that have been modified since the previous edition-version of the NCL classification need to be present.

The <ModifyHierarchyGroupAnalysis> element accepts <NewText> and <DeletedText> elements interspersed within the <P> paragraph elements. The formatting elements, such as <Emphasis> or <ClassLink>, can also be placed inside <NewText> or <DeletedText>.

# Examples

## Paragraph structure with modifications

<PModifications>

 <NewText>Some text with a link to

 <GoodOrServiceLink idRef="U7896724321" targetKind="text"/>

 was added

 </NewText>

 This external link was here before: <ExternalLink

 linkURI="http://www.wipo.int/">Wipo</ExternalLink>

</PModifications>

# Schema

The Hierarchy Groups Texts modifications XML files must validate against NCL\_hierarchy\_groups\_texts\_modifications\_V3-21.xsd.

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