ST.96 - ANNEX II

IP DATA DICTIONARY

Version 9.0

*Revision approved by the XML4IP Task Force of the
Committee of WIPO Standards (CWS) on April 1, 2025*

1.   Annex II of WIPO Standard ST.96, *IP Data Dictionary*, is intended to describe the data entities used for filing, processing, publication, and exchange of industrial property (IP) information. The IP Data Dictionary contains data entities which can be populated in XML instances of an IP document, and therefore, Annex II consists of data entities for 'elements', 'attributes' and 'enumerations' but not 'data types' because 'data types' do not appear in an XML instance.

2.   Annex II is comprised of two Appendixes, i.e., Appendix A, *Elements and Attributes Dictionary*, and Appendix B, *Enumeration Values Dictionary*. Appendixes A and B are in the form of tables.

3.   Appendix A consists of seven columns, i.e., "Dictionary Entry", "Description", "Object Class", "Property Term", "Representation Term", "Tag Name" and "Namespace".

- ▪ "Dictionary Entry" identifies a data entity by its name which is unique in the IP Data Dictionary. The name consists of the terms of 'object class', 'property term' and, where applicable, 'representation term' and 'qualifier term'; these terms are defined in Annex I. The 'qualifier term' is a word or words which help define and differentiate a data element from another related data element and is attached to an object class or property term if necessary to make the name unique. For this reason there is no separate column for the qualifier term in the table of Appendix A;

- ▪ "Description" provides a definition of the dictionary entry. It must be synchronized with the documentation of the corresponding schema component defined in Annex III of ST.96;

- ▪ "Object Class" refers to an activity or an object, within a business context, to which a property belongs. The Object Class is expressed by an Object Class Term;

- ▪ "Property Term" identifies the characteristics of the Object Class;

- ▪ "Representation Term" categorizes the format of the data element into broad types where applicable;

- ▪ "Tag Name" is the name of the corresponding component defined in Annex III of ST.96; and

- ▪ "Namespace" is the namespace of the corresponding component defined in Annex III of ST.96.

4.   Appendix B is composed of four columns, i.e., "Tag Name", "Namespace", "Enumeration Value" and "Description".

- ▪ "Tag Name" is the name of the corresponding component defined in Annex III of ST.96;

- ▪ "Namespace" is the namespace in which corresponding component is defined;

- ▪ "Enumeration Value" is the list of values specified in the corresponding component; and

- ▪ "Description" provides the definition of each value.

5.   Annex II must follow the naming conventions defined in Annex I of ST.96. In addition to the naming conventions in Annex I, the following naming conventions should be used in Annex II:

- ▪ each term may consist of multiple words and each word in a term is separated from the others by a space character " ", except for the suffix "Bag" which should not be separated;

- ▪ each word within a term must start with an uppercase letter; and

- ▪ each term in a dictionary entry name is separated from the others by the dot character ".".

[Appendixes follow]

APPENDIX A: Element and Attribute Dictionary (XLSX)

APPENDIX B: Enumeration List Dictionary (XLSX)

[Annex III follows]