

## **Committee on WIPO Standards (CWS)**

### **Fifth Session**

**Geneva, May 29 to June 2, 2017**

### **REPORT ON TASK NO. 41 BY THE XML4IP TASK FORCE**

*Document prepared by the Secretariat*

#### **INTRODUCTION**

1. At its reconvened fourth session held in March 2016, the Committee on WIPO Standards (CWS) noted that the two revisions of WIPO Standard ST.96 were released in 2015, one major revision (version 2.0) and one minor revision (version 2.1). The CWS also noted that the new draft version of WIPO Standard ST.96, Version 3.0 Draft 1, was under review and being tested by the XML4IP Task Force. (See paragraphs 45 to 48 of document CWS/4BIS/16.)
2. At the said session, the CWS adopted the two pending Annexes V and VI of WIPO Standard ST.96; ST.96 was completed. Consequently the CWS modified Task No. 41 to read "Ensure the necessary revisions and updates of WIPO Standard ST.96". (See paragraphs 99 to 103 of document CWS/4BIS/16.)
3. In order to carry out the modified Task No. 41, the XML4IP Task Force continued its discussions, through its e-forum, online conference and a physical meeting.

## ACTIVITIES OF XML4IP TASK FORCE

### Release of version 2.2

4. After the reconvened fourth session of CWS, the XML4IP Task Force developed and released the version 2.2 of ST.96, which is published on the web site of WIPO at:  
<http://www.wipo.int/standards/en/st96/v2-2>.

5. The version 2.2 includes the following main points and further information is available on the release notes published on the web site of WIPO at:  
<http://www.wipo.int/standards/en/st96/v2-2/annex-iii/index.html>:

- adding a new component Applicant Intent (IssueID-576)
- correcting error detected in previous schema version, 2.1 (IssueID-585)
- updating code list for IP offices according to the revised WIPO Standard ST.3 in 2016 (IssueID-587)
- updating Representative component (IssueID-588)
- updating Claims Type (IssueID-589)
- adding an optional attribute com:sequenceNumber to pat:DocumentRelationType for patent division and entitlement application (IssueID-594)
- adding a new permissible value 'Breeder' to the list of Correspondence Address Party (IssueID-596)
- adding a new permissible value 'Deg' for "Degree" to the list of Measure Unit Code (IssueID-597)

### XML4IP Task Force meeting

6. After the reconvened fourth session of the CWS, the XML4IP Task Force held its face-to-face meeting in Madrid, Spain in October 2016. The main objectives of the meeting were to prepare a new draft version of ST.96, version 3.0 D3 (V3\_0\_D3), containing draft XML schemas for Madrid and Hague electronic communications and to develop XML data structure on patent search report and patent record and to discuss other pending issues related to patents, trademarks and industrial designs as well as recommendations on web services for data exchange and dissemination by industrial property offices.

7. As the outcome of the meeting, the XML4IP Task Force prepared the ST.96 V3\_0\_D3 and carried out the short survey on standardization of web services within its membership. The result of the survey is presented to the present session of the CWS (see document CWS/5/15).

### Preparation of version 3.0

8. The XML4IP Task Force has been working on version 3.0 and agreed to include the following main items in the next version as well as others:

- Bibliographic data for Supplementary Protection Certificate (SPC)
- Patent search report
- Patent record
- Madrid System electronic communication
- Hague System electronic communication

9. Three drafts of versions 3.0 were developed so far and two more drafts plan to be prepared before the official version 3.0, which plans to be released in October 2017.

WORK PLAN

10. The XML4IP Task Force agreed on the work plan for 2017 with the tentative schedule reproduced below.

Tentative timeline	Action items	Draft Schema Version
Jan - Feb 2017	Review V3_0_D3 Review/Update draft Hague IB-Office transaction schema Review other open issues	Schema V3_0_D3
Mar - May 2017	Develop/Review Search Report and Patent Record Release Schema V3_0_D4 Test Madrid/Hague transaction components (IB-Office and Office-IB) Review other open issues	Schema V3_0_D4 Hague IB-Office Search Report Patent Record
May 29 - Jun 2, 2017	CWS/5	
Jun - Aug 2017	Release Schema V3_0_D5 Review other open issues Finalize draft schema Propose Proposal For Revision (PFR) for Schema V3_0	Schema V3_0_D5
Sep 2017	The XML4IP TF meeting will be held in Canada.	
Oct 2017	Release ST.96 version 3.0	Schema V3_0

11. With regard to the development of ST.96 Hague System components, the International Bureau (IB) proposed, in February 2017, a draft high-level roadmap inviting the XML4IP Task Force members to comment on it, in particular, the sunset phase of the current Hague DTD Bulletin within the proposed time frame. The draft High-level roadmap describes the vision for the future of the Hague System electronic data exchange. At present, the exchange formats used are non-standard formats derived from the Madrid System. After the development of comprehensive ST.96 Hague schema components for both communication directions (IB to Office and Office to IB), it is planned to use ST.96 as the authoritative format for all data exchange under the Hague System. The existing formats would be slowly discontinued through a sunset period, at the end of which the International Bureau would no longer support the legacy formats. The proposed high-level roadmap is reproduced in the Annex to the present document.

12. In order to prepare the next version of ST.96 XML Schema, the XML4IP Task Force plans to organize a face-to-face meeting in Canada, September 18 to 22, 2017.

13. *The CWS is invited to:*

*(a) note the results of the work of the XML4IP Task Force and the report of the Task Force leader, as set out in this document; and*

*(b) note and comment on the work plan of the XML4IP Task Force, as referred to in paragraphs 10 to 12 above and the Annex to the present document.*

[Annex follows]

**DRAFT High-level roadmap for Hague System electronic data exchange with Offices**

version 0.6  
06/02/2017

	Q4-2016	Q1-2017	Q2-2017	Q3-2017	Q4-2017	Q1-2018	Q2-2018	Q3-2018	Q4-2018	Q1-2019	Q2-2019	Q3-2019	Q4-2019	Q1-2020
<b>Workstreams</b>														
<u>International Bureau</u>														
Detailed specifications														
Testing														
Launch ST.96 Bulletin stream														
Prepare Back-end System for granular components														
Announce that ST.96 is the authoritative format														
Launch the granular component ST.96														
<u>XML4IP Task Force</u>														
Testing Office to IB communications														
Testing of IB to Office communications														
Publication of ST.96 V3														
<u>CIPO &amp; USPTO</u>														
Prototype of IB to Office communications														
<b>Authoritative Data Format (IB to Office)</b>														
Hague DTD	Effective								Sunset Period					
Hague ST.96	BETA								Effective					
<b>Authoritative Data Format (Office to IB)</b>														
Hague MECA IN DTD	Effective				Sunset period									
Hague ST.96	BETA				Effective									
<b>Other events</b>														
Accession by the Russian Federation														
Accession by Canada														
Hague Working Group														
CWS														
XML4IP TF 2017 meeting														
Publication of information notice to specify that the authoritative version will be ST.96														

[End of Annex and of document]