

**WIPO STANDARD ST. 96 XML SCHEMA V4\_0 RELEASE NOTES**

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## WIPO STANDARD ST. 96 XML SCHEMA V4\_0 RELEASE NOTES

### GENERAL REMARKS

1. This document describes the changes made to ST.96 Schema V3\_2 to produce this major release V4\_0.
2. Two new namespaces are newly added in the version V4\_0: '*gin*' for Geographical Indication schemas and '*cpy*' for Copyright Orphan Works. A total of 88 new components were created to form the basis of the *cpy* namespace and 214 new components for *gin*.
3. In addition, there are a large number of new schemas added to *pat* to capture two new types of IP data:
  - a. Examination reports issued by examination authorities (approximately 80 new components in Patent namespace); and
  - b. Legal status of patent applications and granted patents (approximately new components 120 new components in both Common and Patent namespaces).
4. Furthermore, 62 components, across each of the *com*, *dgn*, *pat* and *tmk* namespaces, have been identified as containing personally identifiable information by the XML4IP task force. These elements have now been labelled using <appinfo> as 'PII'. A full list of these components can be found as an Appendix to this document.
5. All references to the MathML external library are now a specific reference to the latest version, MathML3.

### ADDITIONS/MODIFICATIONS TO COMMON COMPONENTS

6. The following new components (and associated types) were added:
  - a. `TransliterationName` and `TransliterationNameType` ('Name of person, organization or entity transliterated in another language'): a string with attributes which indicate the script used and the language. This is to allow applicants to provide their name in another script as supplementary information;
  - b. `transliterationScriptName` ('The target script that a person's name, organization name or entity name is being transliterated into');
  - c. `CommentTextBag` and `CommentTextBagType` ('Collection of comments. To allow comments in multiple languages'): added to allow for comments to be provided in Madrid communication in multiple languages;
  - d. `textBoxIndicator` ('Indication that this particular paragraph originated from a text box'): new attribute introduced to identify text boxes after conversion from MSWord;
  - e. `TableHead` ('Table header for industrial property which uses OASIS Table tbody to capture table header cell information'): new element of type `com:TableBodyType` used to capture table header cell data (0..1);

- f. `IPOfficeCodeBag` and `IPOfficeCodeBagType` ('Collection of IP Office Codes'): a new collection of `com:IPOfficeCode`;
- g. `ThumbnailFileName` ('Name of the thumbnail image file'): used in `dgn:View` but applicable to other IP Rights;
- h. `SearchStartDate`: Moved from Patent to the Common namespace, as at least two IP Rights use this component;
- i. `SearchEndDate`: New component originally developed for use in the new Copyright namespace but as it is applicable in at least two namespaces, it will be published as part of Common. Changed from type `DateType` to `xsd:date`;
- j. `DeceasedDate` ('The date of a person's death'): New component originally developed for use in the new Copyright namespace but as it is applicable in at least two namespaces, it will be published as part of Common;
- k. `ContactDate` ('Date that a person or organization was contacted'): New component originally developed for use in the new Copyright namespace but as it is applicable in at least two namespaces, it will be published as part of Common;
- l. `LicenceDurationQuantity` ("Duration of a licence"): New component originally developed for use in the new Copyright namespace but as it is applicable in at least two namespaces, it will be published as part of Common;
- m. `PublicationYear` ("Year of publication"): New component originally developed for use in the new Copyright namespace but as it is applicable in at least two namespaces, it will be published as part of Common;
- n. `AdditionalRemarkType`: new complex type to allow extension of `com:PType` to include `com:languageCode`.
- o. `DecisionIdentifier`, `DecisionIdentifierBag` and `DecisionText`: moved from Trademark namespace to Common namespace
- p. `LegalProvisionText`: moved from Patent namespace to Common namespace, so it can be reused.

7. The following components were modified:

- a. `TransactionHeader` and `TransactionHeaderType`: optional component `com:TransactionTotalQuantity` was included within this component;
- b. `PersonNameType`, `EntityNameType` and `OrganizationNameType`: all three components now reference new optional unbounded `TransliterationName` so that names can be provided in an alternative script/language;

- c. `EntityName`: was modified to now be an extension to `com:PhraseType`. Description now reads – “Name used if the identified party is not specified as an organization or person”
- d. `PersonName` and `PersonNameType`: now includes optional `OfficialTitleTextBag` element;
- e. `OfficialTitleText`: was previously a string but is now `com:LocalizedTextType` so that the job title information can be provided in another language;  
`OfficialTitleText`: description now reads – “Official title of a staff member, in the specified language”, as language of the job title can now be specified;
- f. `ISOCountryCodeType`: updated to reflect the changes made to ISO 3166-1;
- g. `WIPOST3Code` and `WIPOST3CodeType`: corrections made to short country names to ensure they match ISO 3166-1;
- h. `ISOFormerCountryCodeType`: updated to include required former ISO country code ‘RH’ in the list;
- i. `ISOCurrencyCodeType` – updated to reflect revision to ISO-4217 in August 2018.  
Note, the last updated date provided in the annotation was also updated;
- j. `ISOCurrencyCodeType`: removed duplicate ‘ZAR’ enumeration value with ‘South African Rand’ provided as description;
- k. `P` and `PType`: now includes attribute `com:textBoxIndicator`;
- l. `DocumentIncluded`: now refers to `DocumentIncludedType`, which is an extension of `com:DocumentType` to include an optional `com:IPOfficeCodeBag`;
- m. `LicenceCategoryType`: new enumeration values corresponding to ST.27 licence types were added to the enumeration list;
- n. `EffectiveCountryBag` and `EffectiveCountryBagType`: is now in `Common` namespace rather than `Patent` namespace;
- o. `TableGroup` and `TableGroupType` now includes a reference to `TableHead` element (0..1);
- p. `OppositionGroundText`: renamed to be `OppositionGroundsText` to correct a typographical error;
- q. `PersonOtherNameCategory` and `PersonOtherNameCategoryType`: additional enumeration values required for the new Copyright design schemas were added.
- r. `LicenceDate`: description now reads- “Date that the licence was agreed to”;

- s. MailDate: description now reads – ‘The date mailed or transmitted electronically ~~by the sending office~~<sup>1</sup>’;
- t. LocarnoClassification: description now reads – ‘The Locarno Classification is the international classification used for industrial designs. It is used for design patents only. Formerly it was included in IPC main classification. The Locarno Classification (LOC) is formatted as fixed-length records as described here: Positions 1-2; (2 numeric, right justified, leading zeros); positions 3-4, (2 numeric, right justified, leading zeros)’;
- u. PaymentReminderDate: description now reads – ‘The date on which a reminder may be sent to the agent/applicant requesting payment<sup>2</sup> of the fees due’;
- v. officeCode: description now reads – ‘Two-letter alphabetic codes which represent the names of states, other entities and intergovernmental organizations the legislation of which provides for the protection of IP rights or which organizations are acting in the framework of a treaty in the field of IP’;
- w. Authorization: description now reads – ‘Details of the authorization, ~~as~~ also known as power of attorney, and the availability of any associated documentation, where required, provided for the transaction requiring it’;
- x. AdditionalRemark: now of type AdditionalRemarkType;
- y. PartyIdentifierCategoryType:
  - i. Corrected enumeration value “Employee number” (previously known as “Employee number” ): description now reads- ‘Identification number of employee’;
  - ii. enumeration value “Contract worker number” description now reads - ‘Identification number of contract worker’;

#### ADDITIONS/MODIFICATIONS TO PATENT COMPONENTS

8. Examination Report schemas were developed to capture information in a structured way from examination reports issued at the international, national and regional-level. For PCT related reports, Examination Report is intended to capture information on PCT/ISA/237, PCT/IPEA/408 and PCT/IPEA/409 forms. Please note that the Examination Report XSD can be improved in due course to further incorporate data from national and regional-level examination reports.

<sup>1</sup> Strike-through text indicates this text was removed from the description

<sup>2</sup> Underlined elements were added to the description

The following new document-level components were added:

- a. ExaminationReportType\_V4\_0.xsd
- b. ExaminationReport\_V4\_0.xsd

9. WIPO Standard ST.27 provides a recommendation for how IP Offices can capture their patent legal status information. Patent Legal Status XML schemas were developed in order to facilitate this information exchange and these have now been incorporated into the ST.96 code library.

The following new document-level components were added:

- a. PatentLegalStatus\_V4\_0.xsd
- b. PatentLegalStatusType\_V4\_0.xsd

10. The following new components (and associated types) were added:

- a. Licence and LicenceType: a new component which holds extended information in regards to a licence, similar to the `dgn:Licence` and `tmk:Licence` components, and of particular use to the new patent legal status schemas. "Licence" was based on previous release "LicenceData".

11. The following components were modified:

- a. `PublicAvailabilityDateBag` and `PublicAvailabilityDateBagType` were renamed as `PublicAvailabilityDataBag` and `PublicAvailabilityDataBagType` as they are not a collection of dates;
- b. `Applicant:pat:ApplicantCategory` is now optional rather than mandatory as this information is not collected by all Offices;
- c. `BibliographicData`: now refers to `pat:LicenceBag` rather than `pat:LicenceDataBag`;
- d. `noSearchDeclarationCategory` now renamed to be `searchReportEstablishedCategory`; There were no descriptions provided in `pat:searchReportEstablishedCategory`. These enumeration value-description pairs now read:
  - "Yes" – "A search report has been established".
  - "No" – "A search report has not been established".
  - "Not Determined" – "A search request has been made but the searching authority has not yet determined whether a search report will be established";

- e. OppositionInadmissableDate now renamed to be  
OppositionInadmiss~~ible~~ibleDate;
- f. DeclarationSubjectMatterCategoryType (enumeration value “mental act”):  
description was corrected from ‘Menta act’ to ‘Mental act’
- g. TranslationPurposeCategoryType (both enumeration value and description):  
corrected from ‘Publiction’ to ‘Publication’;
- h. PublicAvailabilityDataBag (previously the PublicAvailabilityDateBag):  
description now reads- ‘A collection of data which establishes that a patent  
document is publicly available on a particular date. Refers to ST.9  
INID Code 40’;
- i. AdditionalRelatedDocumentDate: now reads- ‘The date of receipt of  
supplementary document to the application’;
- j. CitedDocumentCopy: description now reads – ‘Cited document’;
- k. CitedDocumentCopyBag: description now reads – ‘A collection of cited  
documents’;
- l. MarketingAuthorizationGeographicCode: description now reads – ‘Code of  
countries plus the European Union providing marketing authorization for  
products which are the subject of Supplementary Protection Certificate  
(SPC) applications’;
- m. NoSearchReportDeclaration: description now reads – ‘The Authority declares  
that no (supplementary) search report is established for this  
(international) application for some reasons’;
- n. OpinionReviewRequest : description now reads- ‘The applicant has a  
possibility to request the Authority to review its opinion within a  
fixed time and with or without additional fee for the review’;
- o. PriorityBasis: description now reads – ‘Basis of priority date’;
- p. relevantSearchedField description now reads- ‘Searched technical field in which  
the terms were used to find priority art’;
- q. SPCAuthorizationBag: description now reads – ‘Collection of Authorizations  
granted. *(removed unnecessary newline)* The collection may include  
authorizations from other EEA or EU states prior to the current SPC  
application. The collection will include an authorization applicable to  
the state in which the SPC is being applied for’;
- r. SPCAuthorization: description now reads – ‘Authorization granted by a  
recognised body for the EEA or EU community state’

- s. `SPCFirstAuthorization`: description now reads – ‘The first authorization to place the product in the market where this is not the country in which the authorization is sought’;
- t. `UnsearchableClaim`: description now reads- ‘A description of reasons which the search report has not been (*removed unnecessary newline*) established in respect of certain claim’;
- u. `UnsearchableClaimBag`: description now reads – ‘A description of reasons which the search report has not been (*removed unnecessary newline*) established in respect of certain claims’;
- v. `UnsearchableReasonCategoryType` (enumeration value “Dependent claims”): description now reads – ‘Claims Nos.(s) (insert value from claim-no) because they are dependent claims and are not drafted in accordance with the second and third sentences of PCT Rule 6.4(a)’;
- w. `UnsearchableReasonCategoryType` (enumeration value “Not required to be searched”): description now reads – ‘Claims Nos.: (insert value from claim-no) because they relate to subject matter not required to be searched by this Authority, namely:’;
- x. `LackingInventionUnity`: `LackingInventionUnityConsequenceCategory` is now optional and `ReportCovererdClaimBag` is mandatory;
- y. `LackingInventionUnityConsequenceCategory`: enumeration values were improved so that they use standard language, are shorter and comply strictly with the DRCs. The descriptions for the following enumeration values “`FeesPartiallyPaid_ProtestFee_RestrictedInvention`”, “`FeesPartiallyPaid_NoProtestFee_RestrictedInvention`” & “`FeesPartiallyPaid_NoProtest_RestrictedInvention`” have also been improved.

## ADDITIONS/MODIFICATIONS TO TRADEMARK COMPONENTS

### 12. The following new components were added:

- a. New transaction `MadridAcknowledgementReceipt` (‘Transactional element used to automatically acknowledge receipt of Office to IB transactions’: modelled on `HagueAcknowledgementReceipt`. It is included within both the `MadridIBToOfficeBagType` and added enumeration value to the `MadridIBTransactionCategoryType`;



- b. `DesignationRecordIdentifier` ('The record identifier of the original `MadridDesignation` transaction to which this Office to IB transaction applies');
- c. `MadridInternationalRegistrationDivisionRequest` ('Request for division of international registration. Office of Origin'): a new combination Office to IB transaction that is the combination of existing transactions `tmk:MadridInternationalRegistrationCreation` and `tmk:MadridProtectionRestriction`;
- d. `MadridInternatinalRegistrationDivision` and `MadridInternatinalRegistrationDivisionType` ('Request for division of international registration. Office of Origin or Designated Office'): a new combination IB to Office transaction that is the combination of existing transactions `tmk:MadridInternationalRegistrationCreation` and `tmk:MadridProtectionRestriction`.
- e. `MadridInternationalRegistrationMerger` and `MadridInternationalRegistrationMergerType` ('Transaction to merge an international registration following division'): a new combination IB to Office transaction which is the combination of existing transactions `tmk:MadridDesignation` and `tmk:MadridDesignationTermination`. *Note, this replaces the existing `tmk:MadridInternationalRegistrationMerger` from version 3\_2.*

13. The following components were modified:

- a. `IrregularityConsequenceCategoryType`: the existing enumeration list was corrected to ensure the enumerated list accurately captured the consequence of an irregularity. New list of value-descriptions provided by WIPO Madrid;
- b. `MadridCompletedProcessingCategoryType`:
  - i. New enumeration value 'International registration merger following division', description reads 'Merger of international registration at the request of an office'
  - ii. New enumeration value 'International registration division', description reads 'Division of international registration at the request of an office';
  - iii. New enumeration value 'Restriction removal of a holders right of disposal', description reads 'Removal of the restriction of a holders right of disposal during processing';

- iv. Existing enumeration value 'Other final decision'- description now reads 'Other final decision. For example, a partial reversal';
  - v. Existing duplicate enumeration value 'Other final decision' was deleted;
  - vi. Existing duplicate enumeration value 'Remove restriction of holders right of disposal' was deleted;
- c. `MadridInternationalRegistrationCreationCategoryType`:
- i. New enumeration value 'International registration division', description reads 'Division of international registration at the request of an office';
  - ii. Description for this element now reads "Category of the event which caused the creation of the international registration'
- d. `MadridAbandonmentNotificationType`:  
`com:InternationalRegistrationNumber` is now optional, as abandonment can occur during the application phase;
- e. `MadridDesignationCategoryType`:
- i. New enumeration value 'International registration merger following division', description reads 'Merger of international registration at the request of an office'
  - ii. New enumeration value 'International registration division', description reads 'Division of international registration at the request of an office';
  - iii. New enumeration value 'International registration merger following partial transfer', description reads 'International registration merger following partial transfer';
- f. `MadridDesignationTerminationCategoryType`:
- i. New enumeration value 'International registration merger following division', description reads 'Merger of international registration at the request of an office';
  - ii. New enumeration value 'International registration merger following partial transfer', description reads 'International registration merger following partial transfer';
- g. `MadridOfficeTransactionCategoryType`:
- i. New enumeration value 'International registration merger following division' (description reads 'Merger of international registration at the request of an office');

- ii. New enumeration value 'International registration division', description reads 'Division of international registration at the request of an office';
  - iii. New enumeration value 'International registration merger following partial transfer', description reads 'International registration merger following partial transfer';
- h. MadridProtectionRestrictionCategoryType:
  - i. New enumeration value 'International registration division', description reads 'Division of international registration at the request of an office';
  - ii. New enumeration value 'Restriction removal of a holders right of disposal', description reads 'Removal of the restriction of a holders right of disposal during processing';
- i. RecordLicenceType: com:RecordEffectiveDate is now mandatory rather than optional;
- j. MadridDesignation and MadridInternationalRegistrationCreation: tmk:MarkVerbalElementText has been added as an optional element;
- k. GoodsServicesType and GoodsServicesLimitationType: now refer to com:CommentTextBag rather than com:CommentText to accommodate multi-language support (both in MadridOfficeToIB and MadridIBToOffice);
- l. GoodsServicesType: optional component GoodsServicesClassificationBag is now mandatory
- m. MadridApplicationType and MadridCancellationType and MadridGoodsServicesLimitationRequestType and MadridHolderNameAddressChangeType and MadridLicenceRecordalRequestType and MadridOwnershipChangeType and MadridRenunciationType and MadridRepresentativeAppointmentType and MadridRepresentativeCancellationType and MadridRepresentativeNameAddressChangeType and MadridSubsequentDesignationFromConversionType and MadridSubsequentDesignationType (12 transaction types): com:SignatureBag is now optional not mandatory;
- n. MadridCorrectionRequestType: tmk:HolderBag is now optional, not mandatory and com:RecordIdentifier is optional, not mandatory;
- o. MadridGenericOfficeCommunicationCategory:

- i. New enumeration value 'International registration merger following division', description reads 'Merger of international registration at the request of an office';
  - ii. New enumeration value 'International registration merger following partial transfer', description reads 'International registration merger following partial transfer';
  - iii. New enumeration value 'International registration division' , description reads 'Division of international registration at the request of an office';
  - iv. New enumeration value 'Restriction removal of a holders right of disposal', description reads 'Removal of the restriction of a holders right of disposal during processing';
- p. MadridInvalidation/MadridPossibleOppositionNotification/MadridGrantProtection/MadridInterimStatus/MadridProvisionalRefusal/MadridFinalDecision/MadridFurtherDecision (8 MadridOfficeToB transaction types): tmk:DesignationRecordIdentifier has been added as an optional element;
- q. MadridIrregularityNotificationType: com:PaymentDueDate is now optional, not mandatory as the irregularity is not necessarily associated with a payment;
- r. IrregularityIdentifier: revised the component name to correct for a typographical error (originally IrregularityIdenfier);
- s. MadridLimitationNoEffect: now includes a mandatory choice between tmk:AllGoodsServicesIndicator and tmk:GoodsServicesBag;
- t. Rename MadridInternationalRegistrationMerger to MadridInternationalRegistrationMergerRequest. Description now reads 'Request for merger of international registration. Office of Origin';
- u. MarkSoundBag: a collection should allow for multiple MarkSound elements so this now allows an unbounded number of MarkSound elements;
- v. ReasonDocumentType: modified to reference com:RecordDocumentBag as a mandatory child element, instead of tmk:ReasonDocumentBag;
- w. ReasonDocumentBag: deleted as this is no longer used;
- x. MadridIrregularityNotificationCategoryType:
  - i. enumeration value "Refusal of holder change" (*previously* Refusal of change Holder) description now reads –'Refusal of the change of holder';
  - ii. enumeration value "Appointment of representative" description now reads 'Appoint legal representative';

- iii. enumeration value "Change name or address of legal representative" description now reads 'Change name or address of representative';
  - iv. enumeration value "Notification of possible opposition" description now reads 'Notify a possible opposition';
- y. BasisInternationalRegistrationIndicator: description now reads (*removed unnecessary newline after 'contracting party'*) – 'The registration basis is based upon an international registration that was extended into the designated contracting party. This indicates that the basis for the national trademark application or registration is an extension of protection into the national office of an international registration';
- z. MadridIBToOfficeTransaction: description now reads – 'Madrid IB to Office Transaction (Madrid System related transaction from the International Bureau of WIPO to IP Offices.)';
  - aa. MadridCompletedProcessingCategory: description now reads – 'Madrid completed processing';
  - bb. MadridDesignationCategory: description now reads – 'Category of designation of the international registration to Madrid System contracting parties';
  - cc. Plaintiff: description now reads – 'The party that is seeking legal remedies in a national trial or board proceedings. Also known as pursuer, claimant, (*space added*) opponent or petitioner in some jurisdictions';
  - dd. NationalStatusCategoryType (enumeration value "National class status") – description now reads 'The national status for a class in a trademark';
  - ee. NationalStatusDate: description now reads- 'The date the national Status was set to its current value';
  - ff. PhysicalLocationDate: description now reads- 'The date the file was placed in its physical location';
  - gg. TrademarkDocument: description now reads – 'Details about a single document related to a trademark, assignment, or legal proceedings';
  - hh. ThirdPartyActionCategoryType (enumeration value "Invalidation"): description now reads – 'Invalidation';
  - ii. AllowanceNoticeDate: description now reads – 'The date the notice of allowance was issued by the national office. The notice of allowance in an intent-to-use application will issue within the same time frame that a registration would issue in a use application. The notice of

allowance is a key document because its issue date establishes the due date for filing a statement of use’;

- jj. `PublicationSectionCategoryType`: duplicant enumeration value ‘Correction of errors on registrations’ was deleted;
- kk. `ResponsiblePartyCategoryType`: duplicant enumeration value ‘Applicant’ was deleted.

#### ADDITIONS/MODIFICATIONS TO DESIGN COMPONENTS

##### 14. The following new components were added:

- a. `BusinessEntityStatusClaim` (‘A claim made by an applicant to qualify for a reduction of fees based on their economic status’)  
`andBusinessEntityStatusClaimType` and `BusinessEntityStatusClaimBag` (‘Collection of claims made by an applicant to qualify for a reduction of fees based on their economic status’)  
`andBusinessEntityStatusClaimBagType`: as there is now more than one contracting party that offers a fee reduction;
- b. `priorRefusalIndicator` (‘Indication of whether the decision follows a refusal or not. If true, the decision follows a refusal, if false, the decision does not follow a refusal’): currently there is no way to identify whether refusal has occurred before grant;
- c. `DesignClaimType` and `DesignClaimTextBag` (‘Collection of multiple language descriptions for design claims’): to allow for multiple Design Claims to be defined in an application;
- d. `DivisionDesignIdentificationBag` (‘Collection of division design identifications’) and `DivisionDesignIdentificationBagType` and `DivisionDesignIdentification` (‘Identification of the design that is excluded from the initial international registration, which the applicant decided to file as a separate national application’) and `DivisionDesignIdentificationType`;
- e. `DecisionGroundsCategory` (‘Indicates the category of grounds for a particular decision. This information is not authoritative and serves only for statistics and classification purposes’): a new element which was created to categorize the legal text provided in `dgn:DecisionGroundsText` (previously `GroundsDecisionText`);
- f. `DecisionGrounds` (‘Data which describes the grounds on which the decision has been made’): a new element which is the combination of

DecisionGroundsCategory (0..unbounded) and DecisionGroundsText (previously GroundsDecisionText) (1..unbounded); and

- g. DecisionGroundsBag ('Collection of grounds for the decision') and DecisionGroundsBagType: a collection created to allow multiple decision grounds to be provided.

15. The following components were modified:

- a. HagueRegistrationType and HagueApplicationType: these two aggregate components now refer to the new optional dgn:BusinessEntityStatusClaimBag;
- b. HagueGrantProtectionRequest, HagueGrantProtection: now include optional attribute dgn:priorRefusalIndicator;
- c. DesignClaim: now of new type dgn:DesignClaimType not com:OrderedTextType;
- d. HagueCancellationNonPaymentRequest and HagueCancellationNonPaymentRequestType: com:DecisionDate is included as an optional element;
- e. HagueBulletinTransactionCategoryType and HagueCorrectedTransactionCategory: two non-published transactions were included in this enumeration list: 'Second part fee paid' and 'Second part fee not paid';
- f. HagueGenericOfficeCommunication: includes a mandatory choice between com:InternationalRegistrationNumber and com:OfficeReferenceIndicator, replacing com:InternationalRegistrationNumber;
- g. DesignApplicationType: now includes optional element com:InternationalRegistrationNumber;
- h. HagueRefusalRequest and HagueRefusalRequestType: amended to include optional dgn:EarlierDesignBag and a new element, com:LegalProvisionText;
- i. HagueRefusalRequestType and HagueGrantProtectionRequestType andHagueGrantProtectionType: amended to include an optional com:InternationalFilingDate;
- j. HagueDivision: added new element dgn:DivisionDesignIdentificationBag;
- k. View: added new optional element com:ThumbnailFileName;
- l. GroundsDecisionText: renamed as DecisionGroundsText;
- m. GroundsDecisionTextBag and GroundsDecisionTextBagType: both removed as these are not used in new component DecisionGrounds;

- n. `HagueIncorrectContentType` and `HagueCorrectContentType`: corrected structure to remove sequence and optional choice. This should be a mandatory choice only.
- o. `HagueGenericOfficeCommunicationCategory`, descriptions were improved to assist the understanding of each notification or request, specifically:
  - i. Added new enumeration value 'Refusal Correction Withdrawal' with description 'Withdrawal of a refusal of correction to allow a correction previously refused to finally take effect';
  - ii. enumeration value "Application" description now reads 'International design application';
  - iii. enumeration value "Grant protection" description now reads 'Statement of Grant of Protection to indicate that the international registration produces legal effects';
  - iv. enumeration value "Refusal" description now reads 'Notification of refusal of the effects of an international registration';
  - v. enumeration value "Invalidation" description now reads 'Notification that the effects of an international registration are invalidated and that the invalidation is no longer subject to any review or appeal';
  - vi. enumeration value "Refusal Owner Change" modified to "Refusal owner change";
  - vii. enumeration value "Refusal withdrawal Owner change" modified to "Refusal withdrawal owner change";
  - viii. enumeration value "Refusal Correction" modified to "Refusal correction";
  - ix.

`HagueAgreementActCategoryType`: all of the enumeration values now have a prefix of 'Act', e.g., "Act1960". The descriptions remain unchanged.

- p. `DesignDescriptionTextBag`: description now reads – 'Collection of design descriptions for multi-language entries';
- q. `HagueIBToOfficeTransaction`: description now reads – 'Hague IB to Office Transaction (Hague System related transaction from the International Bureau of WIPO to IP Offices)';
- r. `MergedRegistrationNumber`: description now reads – 'The number of the international registration resulting from a merger, where the partial change in ownership has been recorded (either in respect of some



designs only and/or some designated contracting parties only), where applicable’;

#### NEW COMPONENTS COPYRIGHT ORPHAN WORK

At its sixth session, the Committee on WIPO Standards (CWS) agreed to include copyright orphan works as a part of the ST.96 library (see para.68 of CWS/6/34). Copyright Orphan Work schemas were developed to capture applications for the rights to use copyrighted works where the owner of the work cannot easily be identified.

16. The following new document-level components were added<sup>3</sup>:

- a. CopyrightOrphanWork\_V4\_0
- b. CopyrightOrphanWorkType\_V4\_0

#### NEW COMPONENTS GEOGRAPHICAL INDICATION

At its fifth session, the CWS agreed to incorporate new XML schemas to capture geographical indications data (see paras.27-29 CWS/5/22). The geographical indication schemas were developed in response to their immediate need to capture this information.

17. The following new document-level components<sup>4</sup> were added:

- a. GITransactionBodyType\_V4\_0.xsd
- b. TransactionData\_V4\_0.xsd
- c. GIApplicationType\_V4\_0.xsd
- d. GITransactionType\_V4\_0.xsd
- e. GIApplication\_V4\_0.xsd
- f. TransactionContentBag\_V4\_0.xsd
- g. GITransactionBody\_V4\_0.xsd
- h. GITransaction\_V4\_0.xsd
- i. TransactionDataType\_V4\_0.xsd
- j. TransactionContentBagType\_V4\_0.xsd

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<sup>3</sup> Note, a total of 89 cpy components were added to the ST.96 code library. Only the document-level components are listed here.

<sup>4</sup> Note a total of 217 gin components were added to the ST.96 code library. Only the document-level components are listed here.

## APPENDIX: PII ST.96 ELEMENTS IDENTIFIED

Element	Comments	Namespace
AccountNumber		com
AddressLineText	Can contribute to identification	com
Alt	Alternate text, could be anything	com
ApplicantFileReference	Could contain a name	com
authorIdentifier		com
AuthorName		com
BankTransferIdentifier	Could contain name, but less likely	com
Caption	Caption may include names	com
ChequeIdentifier	Probably numeric but could this contribute to identification, e.g., with account number	com
CitedBookAuthorName		com
ContactText		com
CurrentAccountPassword		com
DecisionText		com
Del	Deleted text (like Alt), could also be anything	com
DestinationBankAccount		com
EditorshipDesignationText		com
ElectronicBasicSignatureClickWrap		com
ElectronicBasicSignatureText		com
ElectronicEnhancedSignature		com
ElectronicPaymentReferenceText		com
EmailAddressText		com
EntityName	Used when it is not known whether party is a natural person or an organization, therefore could contain a person's name	com
FirstLastName		com
FirstName		com
HolderEmailAddressText		com
LastName		com
LegalEntityName		com
LicenceReference		com
Login		com
LoginEmail		com
MiddleName		com
Name	Included within Representative	com
Notes	In Annotation	com

NPLCitationText		com
NPLCopyrightText		com
OfficialTitleText	Staff title	com
OppositionGroundsText	Could include names of parties	com
OppositionIdentifier		com
OppositionReference		com
OtherElectronicAddressText	e.g. Social media address	com
Password		com
PatentCitationText		com
PersonFullName		com
PersonOtherName		com
PostalAddressText	Whole address, data of poor quality may contain name	com
PreferredName		com
PriorityHolderName		com
PublisherName		com
RequestProducer		com
SecondLastName		com
sourceURI	Could contain name	com
TransactionErrorText	Free text	com
TransactionIdentifier		com
TransliterationName	Transliterated version of an person/organization/entity name	com
WebAddressURI	Could contain name	com
DecisionGroundsText		dgn
SuccessorRightsText	Could contain name	pat
ChangeDescriptionText		tmk
ChangeText		tmk
FactDecisionText		tmk
OwnershipComposition		tmk

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