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TECHNICAL CORRIGENDUM 1

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INTERNATIONAL ELECTROTECHNICAL COMMISSION • МЕЖДУНАРОДНАЯ ЭЛЕКТРОТЕХНИЧЕСКАЯ КОМИССИЯ • COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

Information technology — Document Schema Definition Languages (DSDL) —

Part 4: Namespace-based Validation Dispatching Language (NVDL)

TECHNICAL CORRIGENDUM 1

Technologies de l'information — Langages de définition de schéma de documents (DSDL) —

Partie 4: Langage de diffusion de validation d'espace de nom orienté (NVDL)

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO/IEC 19757-4:2006 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 34, *Document description and processing languages*.

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*Page 6, 6.2, the definition of the attribute "*nameList*"*

Add "+" after "xsd:NCName" in "list { xsd:NCName }".

*Page 9, 6.3, the definition of the attribute "*nameList*".*

Add "+" after "xsd:NCName" in "list { xsd:NCName }".

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Page 9, Clause 6.3

Replace

```
message =
   element message {text & attribute xml:lang {text}}
```

with

```
message =
   element message {text & attribute xml:lang {text}?}
```

Page 12, the last line of 6.4.10

Convert the last itemized list beginning "— Finally" to a normal paragraph.

Page 17, 7.3, the third line on page 17

Replace "switch" by "switch case".

Page 17, 7.3, the seventh line on page 17

Replace

<{http://www.w3.org/2002/06/xhtml2 [cx1]}title $asn1> with <{http://www.w3.org/2002/06/xhtml2}title [cx1] $asn1>

Page 18, 7.6, Example

Replace "http://www.example.com/one" by "http://www.example.com/two".

Page 19, 8.2, the paragraph defining path(s)

Replace "element section" in the first sentence by "element or attribute section", and replace "element slot node" in the last sentence by "element or attribute slot node".

Page 20, 8.2, the second last paragraph

Replace the second last paragraph beginning "elemTrans" with the paragraph below:

elemTrans(*mode*, *uri*, *a*) holds when for some namespace or anyNamespace element *nsOrAny* in *mode*, *a* is a child action of *nsOrAny*, and matchElemSec(*nsOrAny*, *uri*)

Page 20, 8.4

Replace the itemized list with the itemized list below:

— If an element section s is the root element section, then I_M(s) = mrt and elemTrans(I_M(s), namespace(s), I_A(s)), where mrt is the start mode of the NVDL script.

— If the parent section of an element section s is s', then applies(I_A(s'), path(s), I_M(s)) and elemTrans(I_M(s), namespace(s), I_A(s)).

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— If the parent element section of an attribute section a is s', then applies(I_A(s'), path(a), I_M(a)) and attTrans(I_M(a), namespace(a), I_A(a)).

Page 22, 8.5, the third line on this page

Replace "*s*" immediately after "s_1, s_2, ...," by "s_m".

Page 22, 8.7.2, NOTE 1

Delete "expected to be".

Page 23, 8.7.3

Add the following note after NOTE 2:

NOTE 3 In the following script, there are two validate elements. Although they reference the same schema, they are two different actions. Given a validation candidate for the namespace "http://www.example.com", PlanElem contains one pair for the first action and another for the second action. As a result, this validation candidate is validated twice.

```
<rules
 xmlns="http://purl.oclc.org/dsdl/nvdl/ns/structure/1.0"
 xmlns:a="http://relaxng.org/ns/compatibility/annotations/1.0">
 <namespace ns="http://www.example.com" match="elements">
  <validate schema="foo.rng"/>
  <validate schema="foo.rng"/>
 </namespace>
</rules>
```

Page 24, Annex A, the eighth line from the bottom of this page

Replace

```
<data type="NCName"/>
```

by

```
<oneOrMore>
  <data type="NCName"/>
</oneOrMore>
```

Page 29, Annex A, the twenty-first line on this page

Replace the two occurrences of "&amp" by "&".

Page 30, Annex A, thirteenth line from the bottom of the page

Replace

```
<ref name="anyURI"/>
```

with

```
<data type="anyURI"/>
```

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*Page 31, Annex B, the definition of the attribute "*nameList*" in the middle of this page*

Replace

```
<data type="NCName"/>
```

with

```
<oneOrMore>
  <data type="NCName"/>
</oneOrMore>
```

Page 33, Annex B, the third line on this page

Replace

```
<attribute name="xml:lang"/>
```

with

```
<optional>
  <attribute name="xml:lang"/>
</optional>
```

Page 33, Annex B, the sixth line from the bottom of this page

Replace the two occurrences of "&amp" by "&".

Page 35, C.2, the ninth line from the bottom of this page

Replace

```
<data type="NCName"/>
```

with

```
<oneOrMore>
  <data type="NCName"/>
</oneOrMore>
```

Page 38, C.2, the thirteenth line on this page

Replace

```
<attribute name="xml:lang"/>
```

with

```
<optional>
  <attribute name="xml:lang"/>
</optional>
```

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Page 39, C.2, the twenty-sixth line on this page

Replace the two occurrences of "&amp" by "&".

Page 46, D.3.1, the twenty-fifth line from the bottom of this page

Insert the following line between the line "<schema>" and the line "</schema>":

```
<reject xmlns="http://purl.oclc.org/dsdl/nvdl/ns/predefinedSchema/1.0"/>
```

Page 47, D.3.1, the first line on this page

Insert the following line between the line "<schema>" and the line "</schema>":

```
<reject xmlns="http://purl.oclc.org/dsdl/nvdl/ns/predefinedSchema/1.0"/>
```

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