

1 Text for Use in the "Disposition of Comments Document"

3 Agreed; we should provide a mechanism for screen readers to associate content controls and form controls to
4 specific labels in order to meet accessibility guidelines. We should also provide an informative example in the
5 Accessibility annex. The following changes will be made:

6 **In Part 4, §2.5.2, add a new subclause, which becomes the new §2.5.2.19:**

7 label (Structured Document Tag Label)

8 This element specifies the label identifier associated with the current structured document tag. The identifier
9 representing the label shall be stored on this element's val attribute and is used to reference the unique
10 identifier value of a structured document tag. The contents of the structured document tag resolved by a
11 specific unique identifier shall be used as the label content for the structured document tag that references that
12 specific unique identifier of the structured document tag. If multiple instances of the label element are present,
13 the labels referenced are ordered from most general to most specific. [Example: A form element for specifying
14 country name might reference the label for these three items (in order): "Sender", "Home Address", and
15 "Country". end example]

16 If this element is omitted or the value of the label identifier cannot be resolved, then no label shall be associated
17 with the given structured document tag.

18 [Example: Consider the following two structured document tags where one structured document tag references
19 another structured document tag as a label:

```
20 <w:sdt>  
21   <w:sdtPr>  
22     <w:id w:val="5" />  
23   </w:sdtPr>  
24   <w:sdtContent>  
25     <w:p>  
26       <w:r>  
27         <w:t>Name</w:t>  
28       </w:r>  
29     </w:p>  
30   </w:sdtContent>  
31 </w:sdt>  
32 ...
```

¹ s

```

1 <w:sdt>
2 <w:sdtPr>
3 <w:id w:val="6" />
4 <w:label w:val="5" />
5 </w:sdtPr>
6 ...
7 </w:sdt>

```

8 The label element specifies that the structured document tag with an identifier value of 6 will use the contents
9 of the structured document tag with an identifier value of 5 as a label source. In this example, the label contents
10 will be "Name". *end example*]

Attributes	Description
val (Decimal Number Value)	<p>Specifies that the contents of this attribute will contain a decimal number.</p> <p>The contents of this decimal number are interpreted based on the context of the parent XML element.</p> <p>[Example: Consider the following numeric WordprocessingML property of type ST_DecimalNumber:</p> <pre data-bbox="414 982 771 1014"><w:... w:val="1512645511" /></pre> <p>The value of the val attribute is a decimal number whose value must be interpreted in the context of the parent element. <i>end example</i>]</p> <p>The possible values for this attribute are defined by the ST_DecimalNumber simple type (\$Error! Reference source not found.).</p>

11

12 **In Part 4, §2.5.2.37, page 585, line 22, one more child element will be included in the Child Elements table**

Child Elements	Subclause
alias (Friendly Name)	§2.5.2.1
bibliography (Bibliography Structured Document Tag)	§2.5.2.2
citation (Citation Structured Document Tag)	§2.5.2.4
comboBox (Combo Box Structured Document Tag)	§2.5.2.5
dataBinding (XML Mapping)	§2.5.2.6
date (Date Structured Document Tag)	§2.5.2.7
docPartList (Document Part Gallery Structured Document Tag)	§2.5.2.12
docPartObj (Built-In Document Part Structured Document Tag)	§2.5.2.13
dropDownList (Drop-Down List Structured Document Tag)	§2.5.2.15
equation (Equation Structured Document Tag)	§2.5.2.16

Child Elements	Subclause
group (Group Structured Document Tag)	§2.5.2.17
id (Unique ID)	§2.5.2.18
label (Structured Document Tag Label)	§2.5.2.19
lock (Locking Setting)	§2.5.2.22
picture (Picture Structured Document Tag)	§2.5.2.23
placeholder (Structured Document Tag Placeholder Text)	§2.5.2.24
richText (Rich Text Structured Document Tag)	§2.5.2.25
rPr (Run Properties For Structured Document Tag Contents)	§2.5.2.26
showingPlcHdr (Current Contents Are Placeholder Text)	§2.5.2.38
tag (Programmatic Tag)	§2.5.2.40
temporary (Remove Structured Document Tag When Contents Are Edited)	§2.5.2.41
text (Plain Text Structured Document Tag)	§2.5.2.42

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2 **In Part 4, §2.16.17, page 1,586, line 16, one more child element will be included in the Child Elements table**

Child Elements	Subclause
calcOnExit (Recalculate Fields When Current Field Is Modified)	§2.16.6
checkBox (Checkbox Form Field Properties)	§2.16.7
ddlList (Drop-Down List Form Field Properties)	§2.16.9
enabled (Form Field Enabled)	§2.16.14
entryMacro (Script Function to Execute on Form Field Entry)	§2.16.15
exitMacro (Script Function to Execute on Form Field Exit)	§2.16.16
helpText (Associated Help Text)	§2.16.23
label (Form Field Label)	§2.16.26
name (Form Field Name)	§2.16.28
statusText (Associated Status Text)	§2.16.32

Child Elements	Subclause
textInput (Text Box Form Field Properties)	§2.16.33

1
2 **In Part 4, §2.16, add a new subclause, which becomes the new §2.16.26:**

3 label (Form Field Label)

4 This element specifies the label identifier associated with the current form field. The identifier representing the
5 label shall be stored on this element’s val attribute and is used to reference the unique identifier value of a
6 structured document tag. The contents of the structured document tag resolved by a specific unique identifier
7 shall be used as the label content for the form field that references that specific unique identifier of the
8 structured document tag. If multiple instances of the label element are present, the labels referenced are
9 ordered from most general to most specific. [Example: A form element for specifying country name might
10 reference the label for these three items (in order): “Sender”, “Home Address”, and “Country”. end example]

11 If this element is omitted or the value of the label identifier cannot be resolved, then no label shall be associated
12 with the given form field.

13 [Example: Consider the following text box form field, which references a structured document tag as a label:

```

14 <w:sdt>
15   <w:sdtPr>
16     <w:id w:val="5" />
17   </w:sdtPr>
18   <w:sdtContent>
19     <w:p>
20       <w:r>
21         <w:t>Name</w:t>
22       </w:r>
23     </w:p>
24   </w:sdtContent>
25 </w:sdt>
26 ...
27 <w:ffData>
28   <w:name w:val="TextTextBox" />
29   <w:enabled />
30   <w:textInput />
31   <w:label w:val="5" />
32 </w:ffData>

```

33 The label element specifies that the text box form field will use the contents of the structured document tag
34 with an identifier value of 5 as a label source. In this example, the label contents will be “Name”. end example]

Attributes	Description
val (Decimal Number Value)	<p>Specifies that the contents of this attribute will contain a decimal number.</p> <p>The contents of this decimal number are interpreted based on the context of the parent XML element.</p> <p>[Example: Consider the following numeric WordprocessingML property of type ST_DecimalNumber:</p> <pre data-bbox="414 535 771 567"><w:... w:val="1512645511" /></pre> <p>The value of the val attribute is a decimal number whose value must be interpreted in the context of the parent element. end example]</p> <p>The possible values for this attribute are defined by the ST_DecimalNumber simple type (\$Error! Reference source not found.).</p>

1

2 **In wml.xsd:**

3 The label element will be added to the CT_SdtPr and CT_FFData content models.

4 **In Part 4, Annex G. Accessibility Best Practices, Best Practices for Document and Template Authors**

5 **Hierarchical Labels in Content Controls**

6 It is often the case that content controls, for example, are used together such that they create hierarchical relationships. Labels can, and should be used, to clarify exactly what the intent is for each content control.

7 [Example: Consider the following collection of content controls.

8 *Sender:*

9 Home Address:

10 Address 1: 1 Cherry Lane

```

11 <w:p>
12   <w:sdt>
13     <w:sdtPr>
14       <w:id w:val="55303308"/>
15       <w:text/>
16     </w:sdtPr>
17     <w:sdtContent>
18       <w:r>
19         <w:t>Sender</w:t>
20       </w:r>
21     </w:sdtContent>
22   </w:p>

```

```
1      </w:sdt>
2      <w:r>
3          <w:t>:</w:t>
4      </w:r>
5  </w:p>
6  <w:p>
7      <w:sdt>
8          <w:sdtPr>
9              <w:id w:val="55303309"/>
10             <w:text/>
11         </w:sdtPr>
12         <w:sdtContent>
13             <w:r>
14                 <w:t>Home Address</w:t>
15             </w:r>
16         </w:sdtContent>
17     </w:sdt>
18     <w:r>
19         <w:t>:</w:t>
20     </w:r>
21 </w:p>
22 <w:p>
23     <w:r>
24         <w:tab/>
25     </w:r>
26     <w:sdt>
27         <w:sdtPr>
28             <w:id w:val="55303310"/>
29             <w:text/>
30         </w:sdtPr>
31         <w:sdtContent>
32             <w:r>
33                 <w:t>Address 1</w:t>
34             </w:r>
35         </w:sdtContent>
36     </w:sdt>
37     <w:r>
38         <w:t>:</w:t>
39     </w:r>
40     <w:r>
41         <w:tab/>
42     </w:r>
43     <w:sdt>
```

```
1      <w:sdtPr>
2          <w:id w:val="55303307"/>
3          <w:label w:val="55303308"/>
4          <w:label w:val="55303309"/>
5          <w:label w:val="55303310"/>
6      </w:sdtPr>
7      <w:sdtContent>
8          <w:r>
9              <w:t>1 Cherry Lane</w:t>
10         </w:r>
11     </w:sdtContent>
12 </w:sdt>
13 </w:p>
```

14
15 In this example we have three controls: one for the sender, one for home address
16 and one for the first line of the address.

17
18 The labels are nested, from most generic to most specific.

19 *end example]*