

# 1 DrawingML Other Percentage Sign Affected Areas

2 **Part 1, §21.2.2.74 will be updated as follows:**

Attributes	Description
val (Gap Size Value)	Specifies that the contents of this attribute contain a gap amount between 0% and 500%.  The possible values for this attribute are defined by the ST_GapAmount simple type ( <del>§Error! Reference source not found.</del> ).

3

4 **Part 1, §21.2.2.75 will be updated as follows:**

Attributes	Description
val (Gap Size Value)	Specifies that the contents of this attribute contain a gap amount between 0% and 500%.  The possible values for this attribute are defined by the ST_GapAmount simple type ( <del>§Error! Reference source not found.</del> ).

5

6 **Part 1, §21.2.3.16 will be updated as follows:**

7 This simple type specifies that its contents contain ~~an integer~~ a percentage between 0% and 500%,  
8 ~~whose contents are a percentage.~~

9 This simple type ~~'s contents are a restriction of the W3C XML Schema unsignedShort datatype.~~ is a  
10 union of the following types:

- 11 • ST\_GapAmountPercent simple type (§NEW).

12 ~~This simple type also specifies the following restrictions:~~

- 13 • ~~This simple type has a minimum value of greater than or equal to 0.~~
- 14 • ~~This simple type has a maximum value of less than or equal to 500.~~

15 **To a new subclause in Part 1, section 21.2.3:**

16 **21.2.3.xx ST\_GapAmountPercent (Gap Amount Percentage)**

17 This simple type specifies that its contents contain a percentage between 0% and 500%.

1 [The simple type's contents shall match the following regular expression pattern: 0\\*\(\(\[0-9\]\)|\(\[1-9\]\[0-](#)  
2 [9\]\)|\(\[1-4\]\[0-9\]\[0-9\]\)|500\)%.](#)

#### Referenced By

[ST GapAmount \(§21.2.3.16\)](#)

3

#### 4 To Part 1, subclause A.5.1:

```
5 <xsd:simpleType name="ST_GapAmount">  
6 <xsd:restriction base="xsd:unsignedShort">  
7 <xsd:minInclusive value="0"/>  
8 <xsd:maxInclusive value="500"/>  
9 </xsd:restriction>  
10 <xsd:union memberTypes="ST_GapAmountPercent"/>  
11 </xsd:simpleType>  
12  
13 <xsd:simpleType name="ST_GapAmountPercent">  
14 <xsd:pattern value="0*(([0-9])|([1-9][0-9])|([1-4][0-9][0-9])|500)%"/>  
15 </xsd:simpleType>  
16  
17 <xsd:complexType name="CT_GapAmount">  
18 <xsd:attribute name="val" type="ST_GapAmount" default="150%"/>  
19 </xsd:complexType>
```

20

#### 21 To a new subclause in Part 4, section 13.1.xx (in new Simple Types subclause):

##### 22 [13.1.xx.xx](#) *[Additional member types for union in ST GapAmount \(Part 1, §21.2.3.16\)](#)*

23 [The value space of the following additional member types can be used within the context of this simple](#)  
24 [type for a document of a transitional conformance class.](#)

- 25 • [The ST\\_GapAmountUShort simple type \(§NEW\).](#)

#### 26 To a new subclause in Part 4, section 13.1.xx (in new Simple Types subclause):

##### 27 [13.1.xx.xx](#) *[ST GapAmountUShort \(Gap Amount UnsignedShort\)](#)*

28 [This simple type specifies that its contents contain a whole number between 0 and 500, whose contents](#)  
29 [are a percentage.](#)

30 [This simple type's contents are a restriction of the W3C XML Schema unsignedShort datatype.](#)

31 [This simple type also specifies the following restrictions:](#)

- 32 • [This simple type has a minimum value of greater than or equal to 0.](#)
- 33 • [This simple type has a maximum value of less than or equal to 500.](#)

Referenced By

ST GapAmount (Part 1, §21.2.3.16)

1 **To Part 4, subclause A.5.1:**

```
2 <xsd:simpleType name="ST_GapAmount">
3 <xsd:restriction base="xsd:unsignedShort">
4 <xsd:minInclusive value="0"/>
5 <xsd:maxInclusive value="500"/>
6 </xsd:restriction>
7 <xsd:union memberTypes="ST_GapAmountPercent ST_GapAmountUShort"/>
8 </xsd:simpleType>
9
10 <xsd:simpleType name="ST_GapAmountPercent">
11 <xsd:pattern value="0*(([0-9])|([1-9][0-9])|([1-4][0-9][0-9])|500)%"/>
12 </xsd:simpleType>
13
14 <xsd:simpleType name="ST_GapAmountUShort">
15 <xsd:restriction base="xsd:unsignedShort">
16 <xsd:minInclusive value="0"/>
17 <xsd:maxInclusive value="500"/>
18 </xsd:restriction>
19 </xsd:simpleType>
20
21 <xsd:complexType name="CT_GapAmount">
22 <xsd:attribute name="val" type="ST_GapAmount" default="150%"/>
23 </xsd:complexType>
```

24

25

26

27 **Part 1, §21.2.2.136 will be updated as follows:**

Attributes	Description
val (Perspective Value)	Specifies the contents of this attribute contain <del>an integer a percentage</del> between 0% and <del>100</del> 240%.  The possible values for this attribute are defined by the ST_Perspective simple type (§Error! Reference source not found.).

28

29 **Part 1, §21.2.3.34 will be updated as follows:**

30 This simple type specifies that its contents contain ~~an integer a percentage~~ between 0% and ~~100~~240%  
31 ~~whose contents are a percentage.~~

32 This simple type's ~~contents are a restriction of the W3C XML Schema unsignedByte datatype.~~ is a union  
33 of the following types:

- [ST\\_PerspectivePercent](#) simple type (§NEW).

This simple type also specifies the following restrictions:

- ~~This simple type has a minimum value of greater than or equal to 0.~~
- ~~This simple type has a maximum value of less than or equal to 240.~~

To a new subclause in Part 1, section 21.2.3:

### **21.2.3.xx *ST\_PerspectivePercent (Perspective Percentage)***

This simple type specifies that its contents contain a percentage between 0% and 240%.

The simple type's contents shall match the following regular expression pattern: `0* (([0-9])|([1-9][0-9])|([10-9][0-9])|(2[0-3][0-9])|240)%`.

#### **Referenced By**

[ST\\_Perspective \(§21.2.3.34\)](#)

10

To Part 1, subclause A.5.1:

```
<xsd:simpleType name="ST_Perspective">
<xsd:restriction base="xsd:unsignedByte">
<xsd:minInclusive value="0"/>
<xsd:maxInclusive value="240"/>
</xsd:restriction>
  <xsd:union memberTypes="ST\_PerspectivePercent"/>
</xsd:simpleType>

<xsd:simpleType name="ST\_PerspectivePercent">
  <xsd:pattern value="0\*\(\(\[0-9\]\)|\(\[1-9\]\[0-9\]\)|\(\[10-9\]\[0-9\]\)|\(2\[0-3\]\[0-9\]\)|240\)%"/>
</xsd:simpleType>

<xsd:complexType name="CT_Perspective">
  <xsd:attribute name="val" type="ST_Perspective" default="30%"/>
</xsd:complexType>
```

27

To a new subclause in Part 4, section 13.1.xx (in new Simple Types subclause):

### **13.1.xx.xx *Additional member types for union in ST\_Perspective (Part 1, §21.2.3.34)***

The value space of the following additional member types can be used within the context of this simple type for a document of a transitional conformance class.

- [The ST\\_GapPerspectiveUByte](#) simple type (§NEW).

To a new subclause in Part 4, section 13.1.xx (in new Simple Types subclause):

1 **13.1.xx.xx** *ST PerspectiveUByte (Perspective UnsignedByte)*

2 This simple type specifies that its contents contain a whole number between 0 and 240, whose contents  
3 are a percentage.

4 This simple type's contents are a restriction of the W3C XML Schema unsignedByte datatype.

5 This simple type also specifies the following restrictions:

- 6 • This simple type has a minimum value of greater than or equal to 0.
- 7 • This simple type has a maximum value of less than or equal to 240.

Referenced By
ST Perspective (Part 1, §21.2.3.34)

9 **To Part 4, subclause A.5.1:**

```
10 <xsd:simpleType name="ST_Perspective">  
11 <xsd:restriction base="xsd:unsignedByte">  
12 <xsd:minInclusive value="0"/>  
13 <xsd:maxInclusive value="240"/>  
14 </xsd:restriction>  
15 <xsd:union memberTypes="ST PerspectivePercent ST PerspectiveUByte"/>  
16 </xsd:simpleType>  
17  
18 <xsd:simpleType name="ST PerspectivePercent">  
19 <xsd:pattern value="0*(([0-9])|([1-9][0-9])|(1[0-9][0-9])|(2|[0-3][0-9])|240)%"/>  
20 </xsd:simpleType>  
21  
22 <xsd:simpleType name="ST PerspectiveUByte">  
23 <xsd:restriction base="xsd:unsignedByte">  
24 <xsd:minInclusive value="0"/>  
25 <xsd:maxInclusive value="240"/>  
26 </xsd:restriction>  
27 </xsd:simpleType>  
28  
29 <xsd:complexType name="CT_Perspective">  
30 <xsd:attribute name="val" type="ST Perspective" default="30%"/>  
31 </xsd:complexType>
```

36 **Part 1, §21.2.2.164 will be updated as follows:**

Attributes	Description
val (Second Pie Size Value)	<p>Specifies the contents of this attribute contain <del>an integer a percentage</del> between 5% and 200%.</p> <p>The possible values for this attribute are defined by the ST_SecondPieSize simple type (<del>\$Error! Reference source not found.</del>).</p>

1

2 **Part 1, §21.2.3.41 will be updated as follows:**

3 This simple type specifies that its contents contain ~~an integer a percentage~~ between 5% and 200%,  
 4 ~~whose contents consist of a percentage.~~

5 This simple type's ~~contents are a restriction of the W3C XML Schema unsignedShort datatype.~~ is a  
 6 union of the following types:

- 7 • ST\_SecondPieSizePercent simple type (\$NEW).

8 ~~This simple type also specifies the following restrictions:~~

- 9 • ~~This simple type has a maximum value of less than or equal to 200.~~
- 10 • ~~This simple type has a minimum value of greater than or equal to 5.~~

11 **To a new subclause in Part 1, section 21.2.3:**

12 **21.2.3.xx ST\_SecondPieSizePercent (Second Pie Size Percentage)**

13 This simple type specifies that its contents contain a percentage between 5% and 200%.

14 The simple type's contents shall match the following regular expression pattern:0\* (([5-9])|([1-9][0-  
 15 9])|(1[0-9][0-9])|200)%.

**Referenced By**

ST\_SecondPieSize (§21.2.3.41)

16

17 **To Part 1, subclause A.5.1:**

```

18 <xsd:simpleType name="ST_SecondPieSize">
19 <xsd:restriction base="xsd:unsignedShort">
20 <xsd:minInclusive value="5"/>
21 <xsd:maxInclusive value="200"/>
22 </xsd:restriction>
23 <xsd:union memberTypes="ST_SecondPieSizePercent"/>
24 </xsd:simpleType>
25
26 <xsd:simpleType name="ST_SecondPieSizePercent">
27 <xsd:pattern value="0*(([5-9])|([1-9][0-9])|(1[0-9][0-9])|200)%"/>
28 </xsd:simpleType>

```

```
1 <xsd:complexType name="CT_SecondPieSize">
2   <xsd:attribute name="val" type="ST_SecondPieSize" default="75%"/>
3 </xsd:complexType>
```

6 To a new subclause in Part 4, section 13.1.xx (in new Simple Types subclause):

7 **13.1.xx.xx Additional member types for union in ST\_SecondPieSize (Part 1, §21.2.3.41)**

8 The value space of the following additional member types can be used within the context of this simple  
9 type for a document of a transitional conformance class.

- 10 • The ST\_SecondPieSizeUShort simple type (§NEW).

11 To a new subclause in Part 4, section 13.1.xx (in new Simple Types subclause):

12 **13.1.xx.xx ST\_SecondPieSizeUShort (Second Pie Size UnsignedShort)**

13 This simple type specifies that its contents contain a whole number between 5 and 200, whose contents  
14 are a percentage.

15 This simple type's contents are a restriction of the W3C XML Schema unsignedShort datatype.

16 This simple type also specifies the following restrictions:

- 17 • This simple type has a minimum value of greater than or equal to 5.
- 18 • This simple type has a maximum value of less than or equal to 200.

**Referenced By**

ST\_SecondPieSize (Part 1, §21.2.3.41)

20 To Part 4, subclause A.5.1:

```
21 <xsd:simpleType name="ST_SecondPieSize">
22 <xsd:restriction base="xsd:unsignedShort">
23 <xsd:minInclusive value="5"/>
24 <xsd:maxInclusive value="200"/>
25 </xsd:restriction>
26 <xsd:union memberTypes="ST_SecondPieSizePercent ST_SecondPieSizeUShort"/>
27 </xsd:simpleType>
28
29 <xsd:simpleType name="ST_SecondPieSizePercent">
30 <xsd:pattern value="0*(([5-9])|([1-9][0-9])|(1[0-9][0-9])|200)%"/>
31 </xsd:simpleType>
32
33 <xsd:simpleType name="ST_SecondPieSizeUShort">
34 <xsd:restriction base="xsd:unsignedShort">
35 <xsd:minInclusive value="5"/>
36 <xsd:maxInclusive value="200"/>
```

```

1  </xsd:restriction>
2  </xsd:simpleType>
3
4  <xsd:complexType name="CT_SecondPieSize">
5    <xsd:attribute name="val" type="ST_SecondPieSize" default="75%"/>
6  </xsd:complexType>

```

8  
9 **Part 1, §21.2.2.82 will be updated as follows:**

Attributes	Description
val (Hole Size Value)	<p>Specifies that the contents of this attribute contain a hole size between 10% and 90% <del>that is measured as a percentage</del> of the size of the plot area.</p> <p>The possible values for this attribute are defined by the ST_HoleSize simple type (<del>Error! Reference source not found.</del>).</p>

10  
11 **Part 1, §21.2.3.18 will be updated as follows:**

12 This simple type specifies that its contents contain a ~~a percentage integer~~ between 10% and 90%, ~~whose contents are a percentage.~~

13  
14 This simple type ~~'s contents are a restriction of the W3C XML Schema unsignedByte datatype.~~ is a union of the following types:

- 15 • [ST\\_HoleSizePercent simple type \(\\$NEW\).](#)

16  
17 ~~This simple type also specifies the following restrictions:~~

- 18 • ~~This simple type has a minimum value of greater than or equal to 10.~~
- 19 • ~~This simple type has a maximum value of less than or equal to 90.~~

20  
21 **To a new subclause in Part 1, section 21.2.3:**

22 **21.2.3.xx ST\_HoleSizePercent (Hole Size Percentage)**

23 This simple type specifies that its contents contain a percentage between 10% and 90%.

24 The simple type's contents shall match the following regular expression pattern: 0\*([1-8][0-9]|90)%.

<u>Referenced By</u>
<a href="#">ST_HoleSize (§21.2.3.18)</a>

25  
26 **To Part 1, subclause A.5.1:**



```

1 <xsd:simpleType name="ST_HoleSize">
2   <xsd:restriction base="xsd:unsignedByte">
3    <xsd:minInclusive value="10"/>
4    <xsd:maxInclusive value="90"/>
5 </xsd:restriction>
6   <xsd:union memberTypes="ST_HoleSizePercent"/>
7 </xsd:simpleType>
8
9   <xsd:simpleType name="ST_HoleSizePercent">
10    <xsd:pattern value="0*(([1-8][0-9])|90)%"/>
11  </xsd:simpleType>
12
13 <xsd:complexType name="CT_HoleSize">
14   <xsd:attribute name="val" type="ST_HoleSize" default="10%"/>
15 </xsd:complexType>

```

16

17 **To a new subclause in Part 4, section 13.1.xx (in new Simple Types subclause):**

18 **[13.1.xx.xx Additional member types for union in ST\\_HoleSize \(Part 1, §21.2.3.18\)](#)**

19 [The value space of the following additional member types can be used within the context of this simple type for a document of a transitional conformance class.](#)

- 21 • [The ST\\_HoleSizeUByte simple type \(§NEW\).](#)

22 **To a new subclause in Part 4, section 13.1.xx (in new Simple Types subclause):**

23 **[13.1.xx.xx ST\\_HoleSizeUByte \(Hole Size UnsignedByte\)](#)**

24 [This simple type specifies that its contents contain a whole number between 10 and 90, whose contents are a percentage.](#)

26 [This simple type's contents are a restriction of the W3C XML Schema unsignedByte datatype.](#)

27 [This simple type also specifies the following restrictions:](#)

- 28 • [This simple type has a minimum value of greater than or equal to 10.](#)
- 29 • [This simple type has a maximum value of less than or equal to 90.](#)

#### [Referenced By](#)

[ST\\_HoleSize \(Part 1, §21.2.3.18\)](#)

30

31 **To Part 4, subclause A.5.1:**

```

32 <xsd:simpleType name="ST_HoleSize">
33   <xsd:restriction base="xsd:unsignedByte">
34    <xsd:minInclusive value="10"/>
35    <xsd:maxInclusive value="90"/>
36 </xsd:restriction>

```

```

1      <xsd:union memberTypes="ST_HoleSizePercent ST_HoleSizeUByte"/>
2    </xsd:simpleType>
3
4    <xsd:simpleType name="ST_HoleSizePercent">
5      <xsd:pattern value="0*(([1-8][0-9])|90)% "/>
6    </xsd:simpleType>
7
8    <xsd:simpleType name="ST_HoleSizeUByte">
9      <xsd:restriction base="xsd:unsignedByte">
10       <xsd:minInclusive value="10"/>
11       <xsd:maxInclusive value="90"/>
12     </xsd:restriction>
13   </xsd:simpleType>
14
15   <xsd:complexType name="CT_HoleSize">
16     <xsd:attribute name="val" type="ST_HoleSize" default="10%"/>
17   </xsd:complexType>

```

18  
19  
20

21 **Part 1, §21.2.2.91 will be updated as follows:**

22

Attributes	Description
val (Label Offset Value)	<p>Specifies the contents of this attribute contain a <del>an integer</del> <u>percentage</u> between <u>0%</u> and <u>1000%</u>.</p> <p>The possible values for this attribute are defined by the ST_LblOffset simple type (<del>§Error! Reference source not found.</del>).</p>

23  
24

**Part 1, §21.2.3.23 will be updated as follows:**

25 This simple type specifies that its contents contain a ~~an integer~~ percentage between 0% and 1000%,  
26 ~~whose contents are a percentage of the default value.~~

27 This simple type ~~'s contents are a restriction of the W3C XML Schema unsignedShort datatype~~ is a union  
28 of the following types:

- 29 • ST\_LblOffsetPercent simple type (§NEW).

30 ~~This simple type also specifies the following restrictions:~~

- 31 • ~~This simple type has a minimum value of greater than or equal to 0.~~
- 32 • ~~This simple type has a maximum value of less than or equal to 1000.~~

33

1 **To a new subclause in Part 1, section 21.2.3:**

2 **21.2.3.xx *ST LblOffsetPercent (Label Offset Percentage)***

3 This simple type specifies that its contents contain a percentage between 0% and 1000%.

4 The simple type's contents shall match the following regular expression pattern: 0\*(([0-9])|([1-9][0-  
5 9])|([1-9][0-9][0-9])|1000)%.

<u>Referenced By</u>
<a href="#">ST LblOffset (§21.2.3.23)</a>

6

7 **To Part 1, subclause A.5.1:**

```
8 <xsd:simpleType name="ST_LblOffset">  
9     <xsd:restriction base="xsd:unsignedShort">  
10     <xsd:minInclusive value="0"/>  
11     <xsd:maxInclusive value="1000"/>  
12     </xsd:restriction>  
13     <xsd:union memberTypes="ST_LblOffsetPercent"/>  
14 </xsd:simpleType>  
15  
16 <xsd:simpleType name="ST_LblOffsetPercent">  
17 <xsd:pattern value="0*(([0-9])|([1-9][0-9])|([1-9][0-9][0-9])|1000)%"/>  
18 </xsd:simpleType>  
19  
20 <xsd:complexType name="CT_LblOffset">  
21 <xsd:attribute name="val" type="ST_LblOffset" default="100%"/>  
22 </xsd:complexType>
```

23

24 **To a new subclause in Part 4, section 13.1.xx (in new Simple Types subclause):**

25 **13.1.xx.xx *Additional member types for union in ST LblOffset (Part 1, §21.2.3.23)***

26 The value space of the following additional member types can be used within the context of this simple  
27 type for a document of a transitional conformance class.

- 28 • The ST\_LblOffsetUShort simple type (§NEW).

29 **To a new subclause in Part 4, section 13.1.xx (in new Simple Types subclause):**

30 **13.1.xx.xx *ST LblOffsetUShort (Label Offset UnsignedShort)***

31 This simple type specifies that its contents contain a whole number between 0 and 1000, whose  
32 contents are a percentage.

33 This simple type's contents are a restriction of the W3C XML Schema unsignedShort datatype.

34 This simple type also specifies the following restrictions:

- [This simple type has a minimum value of greater than or equal to 0.](#)
- [This simple type has a maximum value of less than or equal to 1000.](#)

#### Referenced By

[ST LblOffset \(Part 1, §21.2.3.23\)](#)

#### To Part 4, subclause A.5.1:

```

<xsd:simpleType name="ST_LblOffset">
  <xsd:restriction base="xsd:unsignedShort">
  <xsd:minInclusive value="0"/>
  <xsd:maxInclusive value="1000"/>
  </xsd:restriction>
  <xsd:union memberTypes="ST LblOffsetPercent ST LblOffsetUShort"/>
</xsd:simpleType>

<xsd:simpleType name="ST LblOffsetPercent">
<xsd:pattern value="0\*\(\(\[0-9\]\)|\(\[1-9\]\[0-9\]\)|\(\[1-9\]\[0-9\]\[0-9\]\)|1000\)%"/>
</xsd:simpleType>

<xsd:simpleType name="ST LblOffsetUShort">
<xsd:restriction base="xsd:unsignedShort">
<xsd:minInclusive value="0"/>
<xsd:maxInclusive value="1000"/>
</xsd:restriction>
</xsd:simpleType>

<xsd:complexType name="CT_LblOffset">
  <xsd:attribute name="val" type="ST_LblOffset" default="100%"/>
</xsd:complexType>

```

#### Part 1, §21.2.2.131 will be updated as follows:

Attributes	Description
val (Overlap Value)	<p>Specifies the contents of this attribute contain an <del>n-integer</del> <a href="#">percentage</a> between -100% and 100%.</p> <p>The possible values for this attribute are defined by the ST_Overlap simple type (<b>\$Error! Reference source not found.</b>).</p>

#### Part 1, §21.2.3.31 will be updated as follows:

1 This simple type specifies that its contents contain a ~~n integer~~ [percentage](#) between -100% and 100%,  
2 ~~whose contents are a percentage.~~

3 This simple type's ~~contents are a restriction of the W3C XML Schema byte datatype~~ [is a union of the](#)  
4 [following types](#):

- 5 • [ST\\_OverlapPercent simple type \(\\$NEW\)](#).

6 ~~This simple type also specifies the following restrictions:~~

- 7 • ~~This simple type has a minimum value of greater than or equal to -100.~~
- 8 • This simple type has a maximum value of less than or equal to 100.

#### Referenced By

overlap@val (\$Error! Reference source not found.)

9

10 **To a new subclause in Part 1, section 21.2.3:**

#### 11 [21.2.3.xx](#) [ST\\_OverlapPercent \(Overlap Percentage\)](#)

12 [This simple type specifies that its contents contain a percentage between -100% and 100%.](#)

13 [The simple type's contents shall match the following regular expression pattern: \(-?0\\*\(\(\[0-9\]\)|\(\[1-9\]\[0-](#)  
14 [9\]\)|100\)\)%.](#)

#### Referenced By

[ST\\_Overlap \(\\$21.2.3.31\)](#)

15

16 **To Part 1, subclause A.5.1:**

```
17 <xsd:simpleType name="ST_Overlap">  
18 <xsd:restriction base="xsd:byte">  
19 <xsd:minInclusive value="-100"/>  
20 <xsd:maxInclusive value="100"/>  
21 </xsd:restriction>  
22 <xsd:union memberTypes="ST\_OverlapPercent"/>  
23 </xsd:simpleType>  
24  
25 <xsd:simpleType name="ST\_OverlapPercent">  
26 <xsd:pattern value="\(-?0\*\(\(\[0-9\]\)|\(\[1-9\]\[0-9\]\)|100\)\)%"/>  
27 </xsd:simpleType>  
28  
29 <xsd:complexType name="CT_Overlap">  
30 <xsd:attribute name="val" type="ST_Overlap" default="0%"/>  
31 </xsd:complexType>
```

32

1 To a new subclause in Part 4, section 13.1.xx (in new Simple Types subclause):

2 [13.1.xx.xx Additional member types for union in ST Overlap \(Part 1, §21.2.3.31\)](#)

3 [The value space of the following additional member types can be used within the context of this simple](#)  
4 [type for a document of a transitional conformance class.](#)

- 5 • [The ST\\_OverlapByte simple type \(§NEW\).](#)

6 To a new subclause in Part 4, section 13.1.xx (in new Simple Types subclause):

7 [13.1.xx.xx ST\\_OverlapByte \(Overlap Byte\)](#)

8 [This simple type specifies that its contents contain a whole number between -100 and 100, whose](#)  
9 [contents are a percentage.](#)

10 [This simple type's contents are a restriction of the W3C XML Schema byte datatype.](#)

11 [This simple type also specifies the following restrictions:](#)

- 12 • [This simple type has a minimum value of greater than or equal to -100.](#)
- 13 • [This simple type has a maximum value of less than or equal to 100.](#)

Referenced By
<a href="#"><u>ST_Overlap (Part 1, §21.2.3.31)</u></a>

14

15 To Part 4, subclause A.5.1:

```
16 <xsd:simpleType name="ST_Overlap">
17   <xsd:restriction base="xsd:byte">
18   <xsd:minInclusive value="-100"/>
19   <xsd:maxInclusive value="100"/>
20 </xsd:restriction>
21   <xsd:union memberTypes="ST\_OverlapPercent ST\_OverlapByte"/>
22 </xsd:simpleType>
23
24   <xsd:simpleType name="ST\_OverlapPercent">
25     <xsd:pattern value="\(-?0\*\(\(\[0-9\]|\(\[1-9\]\[0-9\]\)|100\)\)%"/>
26   </xsd:simpleType>
27
28   <xsd:simpleType name="ST\_OverlapByte">
29     <xsd:restriction base="xsd:byte">
30       <xsd:minInclusive value="-100"/>
31       <xsd:maxInclusive value="100"/>
32     </xsd:restriction>
33   </xsd:simpleType>
34
35 <xsd:complexType name="CT_Overlap">
36   <xsd:attribute name="val" type="ST_Overlap" default="0%"/>
37 </xsd:complexType>
```

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**Part 1, §21.2.2.21 will be updated as follows:**

This element specifies the scale factor for the bubble chart. This element can be a ~~n-integer~~ [percentage](#) value from 0% to 300%, corresponding to ~~a percentage of~~ the default size.

Parent Elements
bubbleChart ( <del>§Error! Reference source not found.</del> )

Attributes	Description
val (Bubble Scale Value)	Specifies how to scale bubbles on a bubble chart.  The possible values for this attribute are defined by the ST_BubbleScale simple type ( <del>§Error! Reference source not found.</del> ).

**Part 1, §21.2.3.5 will be updated as follows:**

This simple type specifies that its contents contain a ~~n-integer~~ [percentage](#) between 0% and 300%.

This simple type ~~'s contents are a restriction of the W3C XML Schema unsignedInt datatype.~~ [is a union of the following types:](#)

- ~~ST\_BubbleScalePercent simple type (NEW).~~ [ST\\_BubbleScalePercent simple type \(NEW\).](#)

~~This simple type also specifies the following restrictions:~~

- ~~This simple type has a minimum value of greater than or equal to 0.~~
- ~~This simple type has a maximum value of less than or equal to 300.~~

**To a new subclause in Part 1, section 21.2.3:**

**21.2.3.xx *ST\_BubbleScalePercent (Bubble Scale Percentage)***

[This simple type specifies that its contents contain a percentage between 0% and 300%.](#)

[The simple type's contents shall match the following regular expression pattern: 0\\*-\(\[0-9\]\)|\(\[1-9\]\[0-9\]\)|\(\[1-2\]\[0-9\]\[0-9\]\)|300\)%.](#)

Referenced By
<a href="#">ST_BubbleScale (§21.2.3.5)</a>

1 **To Part 1, subclause A.5.1:**

```
2 <xsd:simpleType name="ST_BubbleScale">  
3 <xsd:restriction base="xsd:unsignedInt">  
4 <xsd:minInclusive value="0"/>  
5 <xsd:maxInclusive value="300"/>  
6 </xsd:restriction>  
7 <xsd:union memberTypes="ST_BubbleScalePercent"/>  
8 </xsd:simpleType>  
9 <xsd:simpleType name="ST_BubbleScalePercent">  
10 <xsd:pattern value="0*([0-9]|([1-9][0-9])|([1-2][0-9][0-9])|300)%"/>  
11 </xsd:simpleType>  
12 <xsd:complexType name="CT_BubbleScale">  
13 <xsd:attribute name="val" type="ST_BubbleScale" default="100%"/>  
14 </xsd:complexType>
```

16 **To a new subclause in Part 4, section 13.1.xx (in new Simple Types subclause):**

17 **13.1.xx.xx Additional member types for union in ST\_BubbleScale (Part 1, §21.2.3.5)**  
18 The value space of the following additional member types can be used within the context of this simple  
19 type for a document of a transitional conformance class.

- 20 • The ST\_BubbleScaleUInt simple type (§NEW).

22 **To a new subclause in Part 4, section 13.1.xx (in new Simple Types subclause):**

23 **13.1.xx.xx ST\_BubbleScaleUInt (Bubble Scale UnsignedInt)**  
24 This simple type specifies that its contents contain a whole number between 0 and 300, whose contents  
25 are a percentage.

26 This simple type's contents are a restriction of the W3C XML Schema unsignedInt datatype.

27 This simple type also specifies the following restrictions:

- 28 • This simple type has a minimum value of greater than or equal to 0.
- 29 • This simple type has a maximum value of less than or equal to 300.

<u>Referenced By</u>
<u>ST_BubbleScale (Part 1, §21.2.3.5)</u>

31 **To Part 4, subclause A.5.1:**

```
32 <xsd:simpleType name="ST_BubbleScale">  
33 <xsd:restriction base="xsd:unsignedInt">  
34 <xsd:minInclusive value="0"/>
```



```

1  <xsd:maxInclusive value="300"/>
2  </xsd:restriction>
3  <xsd:union memberTypes="ST_BubbleScalePercent ST_BubbleScaleUInt"/>
4  </xsd:simpleType>
5  <xsd:simpleType name="ST_BubbleScalePercent">
6  <xsd:pattern value="0*(([0-9])|([1-9][0-9])|([1-2][0-9][0-9])|300)%"/>
7  </xsd:simpleType>
8  <xsd:simpleType name="ST_BubbleScaleUInt">
9  <xsd:restriction base="xsd:unsignedInt">
10 <xsd:minInclusive value="0"/>
11 <xsd:maxInclusive value="300"/>
12 </xsd:restriction>
13 </xsd:simpleType>
14 <xsd:complexType name="CT_BubbleScale">
15   <xsd:attribute name="val" type="ST_BubbleScale" default="100%"/>
16 </xsd:complexType>

```

17  
18  
19

20 **Part 1, §21.2.2.206 will be updated as follows:**

Attributes	Description
val (Integer Value)	<p>Specifies that the contents of this attribute contain <del>an integer number</del> <a href="#">a percentage</a>.</p> <p>The contents of this number are interpreted based on the context of the parent XML element.</p> <p>The possible values for this attribute are defined by the <del>W3C XML Schema unsignedInt datatype</del> <a href="#">ST_Thickness simple type (\$NEW)</a>.</p>

21

22 [Note: The W3C XML Schema definition of this element's content model ([CT\\_Thickness](#)) is  
23 located in **§Error! Reference source not found.. end note]**

24 **To a new subclause in Part 1, section 21.2.3:**

25 **21.2.3.xx ST\_Thickness (Thickness Percentage)**

26 This simple type specifies that its contents contain a percentage.

27 This simple type is a union of the following types:

- 28 • ST\_ThicknessPercent simple type (\$NEW).

29 **To a new subclause in Part 1, section 21.2.3:**

1 **21.2.3.xx *ST ThicknessPercent (Thickness Percentage)***

2 This simple type specifies that its contents contain a percentage.

3 The simple type's contents shall match the following regular expression pattern: ([0-9]+)%.

Referenced By
---------------

<u>ST Thickness (\$NEW)</u>
-----------------------------

4  
5 **To Part 1, subclause A.5.1:**

```
6 <xsd:element name="thickness" type="CT UnsignedIntThickness" minOccurs="0"  
7 maxOccurs="1"/>
```

```
8  
9 <xsd:simpleType name="ST Thickness">  
10 <xsd:union memberTypes="ST ThicknessPercent"/>  
11 </xsd:simpleType>
```

```
12  
13 <xsd:simpleType name="ST ThicknessPercent">  
14 <xsd:pattern value="([0-9]+)%"/>  
15 </xsd:simpleType>
```

```
16  
17 <xsd:complexType name="CT Thickness">  
18 <xsd:attribute name="val" type="ST Thickness" use="required"/>  
19 </xsd:complexType>
```

20  
21 **To a new subclause in Part 4, section 13.1.xx (in new Simple Types subclause):**

22 **13.1.xx.xx *Additional member types for union in ST Thickness (Part 1, §21.2.3.206)***

23 The value space of the following additional member types can be used within the context of this simple  
24 type for a document of a transitional conformance class.

- 25 • The W3C XML Schema unsignedInt datatype.

26 **To Part 4, subclause A.5.1:**

```
27 <xsd:element name="thickness" type="CT UnsignedIntThickness" minOccurs="0"  
28 maxOccurs="1"/>
```

```
29  
30 <xsd:simpleType name="ST Thickness">  
31 <xsd:union memberTypes="ST ThicknessPercent unsignedInt"/>  
32 </xsd:simpleType>
```

```
33  
34 <xsd:simpleType name="ST ThicknessPercent">  
35 <xsd:pattern value="([0-9]+)%"/>  
36 </xsd:simpleType>
```

```
37  
38 <xsd:complexType name="CT Thickness">  
39 <xsd:attribute name="val" type="ST Thickness" use="required"/>
```

1

```
</xsd:complexType>
```

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