DR 19-0007 — Attribute bwMode and ST\_BlackWhiteMode

Status: Open

Subject: Attribute bwMode and ST\_BlackWhiteMode

Qualifier: Request for clarification

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Submitter’s Defect Number: n/a

Supporting Document(s): none

Date Circulated by Secretariat: 2019-01-24

Deadline for Response from Editor: 2019-03-24

IS 29500 Reference(s):   
Part 1: @bwMode: §19.3.1.1, §19.3.1.21, §19.3.1.23, §19.3.1.44, §20.1.2.2.22, §20.1.2.2.35, §20.2.2.6, §20.4.2.29, §20.4.2.33, §20.4.2.35, §20.5.2.18, §20.5.2.30, §21.2.2.197, §21.3.2.14, §21.3.2.23, §21.4.3.7   
ST\_BlackWhiteMode: §20.1.10.10

Related DR(s): 16-0005

Nature of the Defect:

*[Ed: This DR was spun-off from DR 16-0005 to determine the constraints on the full range of values in ST\_BlackWhiteMode.]*

The standard specifies various uses of the attribute bwMode. The simple type ST\_BlackWhiteMode is used in all cases, but prose implies various constraints on which of the enumerated values defined by the simple type can be used in specific contexts. For example, in the case of §21.3.2.14, the attribute is used to specify that the “group shape should be rendered using only black and white coloring”, implying that only certain attribute values are valid in this context. Contrast this with §19.3.1.21, where the same attribute is used to specify “how the graphical object should be rendered, using color, black or white, or grayscale”. In the case of §21.2.2.197, the current prose actually states “The bwMode attribute is not supported”. The implementer notes for MS Office simply state “Office uses this attribute to specify how the group shape should be rendered when in black and white mode”.

Solution Proposed by the Submitter:

Clarify which subset of the enumerated values defined by ST\_BlackWhiteMode can be used with the attribute bwMode on each of the affected elements. If appropriate – for example, if a small number of subsets are identified – define new simple types for these subsets.

Schema Change(s) Needed:

Yes/No

**Editor’s Response:**

None

Changes to Part 1: N Part 2: N Part 3: N Part 4: N