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Change Request #:	125
Assigned OGC Document #:	10-201
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Document Name/Version:	*Symbology Encoding Implementation Specification / 1.1.0
OGC Project Document:	*05-077r4

If this is a revision of a previous submission and you have a Change Request Number, then check here: ☐
Enter the CR number here: [   ]
Enter the Revsion Number that you are revising here: [   ]

Title: 🔵	*Add the attribute maxoccurs="unbounded" for the se:Graphic reference in GraphicStroke and PointSymbolizerType
Source: 🔵	*-
Work item code: 🔵	
Category: 🔵	* F (Critical correction)

Reason for change:	*
	According to the page 28 of the Symboogy Encoding Implementation specification (Version 1.1.0 revision 4), it must be possible to define a list of GraphicTypes in a PointSymbolizer, but the reference of the se:Graphic only defines a minOccurs="0" and not a maxOccurs="unbounded". Therefore the example on page 28 is not possible because every class-generator (like JAXB) generates a class with only one GraphicType. In my opinion the attribute maxOccurs="unbounded" is also usefule in the Graphic reference of the GraphicStroke, otherwise you don't have the possibility to create a GraphicStroke with more than one alternating graphics.

Summary of change:	*
	The attribute maxOccurs with the value unbounded must be added in the se:Graphic reference in GraphicStroke and PointSymbolizerType. (See page 28 Symboogy Encoding Implementation Specification 05-077r4)

Consequences if not approved:	The example on page 28 and the creation of a GraphicStroke with more than one alternating graphics is not possible.

Clauses affected:	*
	Symbolizer.xml: 1) Line 156 -> added minOccurs="1" maxOccurs="unbounded" to ref="se:Graphic" 2) Line 235 -> added maxOccurs="unbounded" to ref="se:Graphic" Symbology Encoding Implementation Specification 05-077r4: 1) chapter 11.3.1 (page 22) , the Pointsymbolizer XSD definition must be changed. 2) chapter 11.1.3 (page 19), the GraphicStroke XSD definition must be changed.

Additional Documents affected: 🌐	
Supporting Documentation: 🌐	
Comments: 🌐	
Status: 🌐	Assigned
Assigned To: 🌐	SLDSE 1.2 SWG
Disposition: 🌐	Referred