All Fields marked with * are mandatory.

Change Request #:	103
Assigned OGC Document #:	10-146
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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 a way to select se:ExternalGraphics using data content
Source: ⓘ	*SLDSE.swg
Work item code: ⓘ	
Category: ⓘ	* C (Functional modification of feature)

Reason for change: ⓘ	* Use cases require different ExternalGraphics to be placed in points, where the selection of the particular Graphic is controlled by data content.
Summary of change: ⓘ	*

	Add an alternative way – subject to the se:ParameterValueType mechanism – to specify the URI of an ExternalGraphic.
Consequences if not approved:	These cases can in principle be solved by applying one Rule for each symbol and apply a filters, which pick the right data. However, this leads to *very* lengthy SE files and particularly to *very* low performance, because so many operations have to be made against the database.

Clauses affected:	*
	11.3.2 Graphic Proposal: Add another alternative to the choice in se:ExternalGraphic, such as se:VariableOnlineResource, which is of se:ParameterValueType.

Additional Documents affected:	

Supporting Documentation:	

Comments:	Some more information on the motivation behind this CR: To get an idea of these use cases behind this CR imagine a layer of traffic signs in roads, or a layer of points of interest (POIs) with different symbols for different kinds of POIs. In both cases there are definitely too many different symbols to allow expressing the symbolization by means of a group of Rules with appropriate Filters, which pick one particular type of traffic sign or POI.

Status:	Assigned

Assigned To:	SLDSE 1.2 SWG

Disposition:	Reffered