All Fields marked with * are mandatory.

Change Request #:	57
Assigned OGC Document #:	10-045
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Document Name/Version:	*SensorML Encoding Standard v 1.0 Schema Corregendum 1 / 1.01
OGC Project Document:	*07-122r2

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: ⊙	*Replace ref syntax with xpath
Source: ⊙	*University of Muenster, Institute for Geoinformatics (IfGI)
Work item code: ⊙	
Category: ⊙	* C (Functional modification of feature)

Reason for change: ⊙	*

The "ref" syntax used for connecting SensorML and SweCommon elements
should be replaced. Navigating only on "property" elements or name
attributes is error prone and cumbersome.

This is especially problematic when writing application schemas
extending SensorML. Sticking to the property navigation mechanism
results in serious naming issues. Different objects with the same
property cannot be used since they aren't accessible.

Also, the general OGC policy of reusing established IT technology
implies the usage of XPath.

Summary of change:	*
	It is highly recommended to switch to the well-supported XPath technology. The syntax is safe and much easier to parse. Existing technology technology can be reused. The syntax and use is much better documented.

Consequences if not approved:	

Clauses affected:	*
	throughout

Additional Documents affected:	

Supporting Documentation:	

Comments:	

Status:	Assigned

Disposition:	Reffered