All Fields marked with * are mandatory.

Change Request #:	304
Assigned OGC Document #:	13-075
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Document Name/Version:	*SWE Common Data Model Encoding Standard / 2.0
OGC Project Document:	*08-094r1
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 FES friendly encoding to Range data types
Source:	*GeoSciML SWG
Work item code:	
Category:	* B (Addition of feature)
Reason for change:	Certain GeoSciML use cases require filtering on the lower ofr upper value of a QuantityRange (eg, select geologic units where proportion of sandstone > 50 %). Proportions are encoded with swe:QuantityRange and therefore the filter expression must identify the first or second term of a value encoded using a swe:RealPair (eg. <swe:value>45 65</swe:value> , we need to filter in on the first element of the list) Unfortunately , FES (Filter Encoding Standard) does not provide a mechanism to â parseâ the content of a RealPair nor does minimum XPath (OGC 09-026r1, clause 7.4.4) hasve a syntax to identify a specific element. The only solution within the current specification is to implement a server side function or an extended XPath support, neither being practical or likely. We therefore need a

