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<b>Change Request #:</b>	95
<b>Assigned OGC Document #:</b>	10-120
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<b>Document Name/Version:</b>	*CSW-ebRIM Registry Service - Part 1: ebRIM profile of CSW / 1.0.1
<b>OGC Project Document:</b>	*07-110r4
If this is a revision of a previous submission and you have a Change Request Number, then check here: <input type="checkbox"/>	
Enter the CR number here: <input type="text"/>	
Enter the Revision Number that you are revising here: <input type="text"/>	
<b>Title:</b>	*Repository Item validation
<b>Source:</b>	*L. Stainsby
<b>Work item code:</b>	
<b>Category:</b>	* B (Addition of feature)
<b>Reason for change:</b>	* Add mechanism to improve integrity of registry content. Current specification does not address this capability.  This issue was raised in the Registry SWG charter (OGC 07-119r1) that identified several critical deficiencies in the current CSW-RIM 1.0.1 specification.

<b>Summary of change:</b> 	<p><b>*</b></p> <p>Currently, CSW-ebRIM registries must validate incoming registry content (metadata), but, no standard mechanism exists for ensuring repository content is valid.</p> <p>Define an optional, declarative, mechanism for indicating to the registry how to validate repository items. The mechanism must be capable of supporting unique validation constraints for each objectType that ExtrinsicObject can assume.</p> <p>Allow for different validation techniques: XML schema, RelaxNG, Schematron, arbitrary binary formats. Might help to define a new ClassificationScheme for supported techniques.</p>
<b>Consequences if not approved:</b> 	<p>If not approved, the ability for CSW-ebRIM registries to enforce repository content constraints will remain:</p> <ul style="list-style-type: none"> <li>* non-standard and thus non-interoperable.</li> <li>* difficult to rely upon if repository content is suspect.</li> <li>* problematic for registry client software (unable to specify repository validation constraint; or having to deal with potentially invalid content).</li> </ul>
<b>Clauses affected:</b> 	<p><b>*</b></p> <p>New clause anticipated.</p>
<b>Additional Documents affected:</b> 	<p>May affect: * OGC 07-144r3, CSW-ebRIM Registry Service - Part 2: Basic extension package * OGC 08-103, CSW-ebRIM Registry Service - Part 3: Abstract test suite</p>
<b>Supporting Documentation:</b> 	
<b>Comments:</b> 	
<b>Status:</b> 	<input type="text" value="Assigned"/> 
<b>Disposition:</b> 	<input type="text" value="Referred"/> 