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Change Request #:	94
Assigned OGC Document #:	10-121
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Document Name/Version:	*CSW-ebRIM Registry Service - Part 1: ebRIM profile of CSW / 1.0.1
OGC Project Document:	*07-110r4
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 Revision Number that you are revising here:	
Title: 	*Define Extensible Life-Cycle model
Source: 	*L. Stainsby
Work item code: 	
Category: 	* B (Addition of feature)
Reason for change: 	* Life-cycle management is lacking in current CSW-ebRIM specification. Life-cycle management capability is key enabler for registry applications, especially those requiring workflow processing. Addition of an extensible Life-Cycle model would allow better support for registry applications requiring workflow.

Summary of change: ⓘ	* Define a declarative model for specifying a set of valid states. States here refers to different values for the RegistryObject/@status property. Intent is to define the model fully in terms of ebRIM. Making the model declarative allows it to be extended by the insert/update of ClassificationNodes to the existing Status-Type ClassificationScheme. Links between Status-Type nodes describe valid state transitions. Optional transition guards could be included directly on the transition links. Registry would enforce all transitions and guards. Life-cycle update transaction to be rejected if invalid transition specified or guard violated. Depends on the addition of the Life-Cycle Update service method (topic of a different change request). No additional changes to the service interface should be required.
Consequences if not approved: ⓘ	CSW-ebRIM support for Life-cycle management would remain severely limited. CSW-ebRIM would be unlikely to be adopted for workflow applications.
Clauses affected: ⓘ	* Expect new clause to be introduced as this is a new capability.
Additional Documents affected: ⓘ	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
Supporting Documentation: ⓘ	
Comments: ⓘ	
Status: ⓘ	Assigned ⓘ
Disposition: ⓘ	Reffered ⓘ