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Change Request #:	93
Assigned OGC Document #:	10-122
Name:	*Leif Stainsby
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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 Revsion Number that you are revising here: [   ]

Title:	*Define Life-cycle Update transaction method
Source:	*L. Stainsby
Work item code:	
Category:	* B (Addition of feature)

| Reason for change: | * Absence of the means to modify a RegistryObject's life-cycle status has been identified as a deficiency in the CSW-ebRIM specification.

Changing the status of an object (in a controlled manner) allows it to participate in an application defined life-cycle. Life-cycle management is a key feature in workflow scenarios. Support for workflow processing requires this capability to be standardized. |
|---|---|
| Summary of change: | * Define a new transactional service method that would enable registry clients to change the status attribute of a RegistryObject.

This approach follows the spirit of the OASIS ebRS 3.0 specification which prohibits a normal Transaction/Update operation from modifying the status attribute; thus requiring a separate method for effecting this type of change.

Benefits of using a separate method for Life-Cycle updates are:
  * more specific access control can be defined, given a separate service method.
  * auditing can track life-cycle events.
  * general workflow processing can be supported in an automated manner. |

Consequences if not approved:	CSW-ebRIM will remain deficient with respect to Life-Cycle management capability and this will likely severely restrict future interest in the specification or products which implement it.

Clauses affected:	* Clause 15 "Transactions", or perhaps Life-cycle status update will be defined in a new clause.

Additional Documents affected:	May affect: * CSW-ebRIM Registry Service - Part 2: Basic extension package (OGC 07-144r3)

Supporting Documentation:	As background, see OASIS ebRS 3.0 (document regrep-rs-3.0-os), section 5 "Lifecycle Management Protocols". Specifically, those operations which effect a change of the status attribute:
	  * ApproveObjectsRequest
	  * DeprecateObjectsRequest
	  * UndeprecateObjectsRequest
	
	Note: Consideration of OASIS ebRS 3.0 is consistent with the CSW-ebRIM specification because it is ebRS (e.g. ebXML Registry Service specification) which defines the service interface for accessing a registry that implements the ebXML Registry Information Model, or ebRIM. ebRIM is of course the information model incorporated into CSW-ebRIM.

Comments:	

Status:	Assigned

Disposition:	Reffered