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Change Request #:	4
Assigned OGC Document #:	09-097
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Document Name/Version:	*Sensor Observation Service / 1.0.0
OGC Project Document:	*06-009r6
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"/>	
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Title:	*Specify the number of filters supported by servers
Source:	*Universitat Jaume I
Work item code:	
Category:	* B (Addition of feature)
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Reason for change:	* The SOS specification states that zero or many temporal filters (eventTime tags) may be specified in a GetObservation request. There is no mechanism for a SOS client to know the number of filters supported for a specific server. As a result a client might send a correct request containing more filters than supported by the server, without any warranties about what the server will response. It usually raises an exception.
Summary of change:	* A first attempt to solve this issue could be to include an attribute to every filter category specifying how many filter are supported for the category. This solution could be extended specifying this value for every individual filter type.

Consequences if not approved: ⓘ

Requests that are correct according to the specification are rejected by servers, hindering interoperability

Clauses affected: ⓘ

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8.4.2

Additional Documents affected: ⓘ

Supporting Documentation: ⓘ

Comments: ⓘ

Status: ⓘ

Assigned

Disposition: ⓘ

Accepted