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Change Request #:	3
Assigned OGC Document #:	09-096
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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:	*Define more precisely the format of time values supported by servers
Source:	*Universitat Jaume I
Work item code:	
Category:	* B (Addition of feature)
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Reason for change:	* <p>The time attribute for offerings permits specifying a temporal reference system through the frame attribute. Default ISO 8601 and the Gregorian calendar with UTC are used (GML 3.1.1). Having only this information does not seem to be enough. ISO 8601 allows several variations in the dates and times representation with basic and extended formats.</p> <p>Usually SOS servers do not support all possible variations in the date and time formats. Usually only one or a few variations are supported. This situation can provoke that a client sending valid ISO 8601 time values to the server may receive "Invalid Time Format" responses.</p>
Summary of change:	* <p>Make the server specify in the capabilities document not only the temporal reference systems (TRS) used, but which formats of the TRS are actually supported. If the server only support a few date-time</p>

formats this can be easily stated through a regular expression.

Consequences if not approved:

This situation can provoke that a client sending valid ISO 8601 time values to the server may receive "Invalid Time Format" responses.

Clauses affected:

*

8.2.3.2

Additional Documents affected:

Supporting Documentation:

Comments:

Status:

Assigned

Disposition:

Accepted