All Fields marked with * are mandatory.

Change Request #:	333
Assigned OGC Document #:	13-123
Name:	*Jack Lindsey
Organization:	*Environment Canada
Email:	*Jack.Lindsey@ec.gc.ca
Document Name/Version:	*WaterML 2.0: Part 1- Timeseries / 2.0
OGC Project Document:	*10-126r3

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: ⊙	* [WaterML2.0 SWG] Rebrand WaterML 2.0: Part 1 as TimeSeriesML
Source: ⊙	*Environment Canada in consultation with Peter Taylor of CSIRO
Work item code: ⊙	
Category: ⊙	* [B (Addition of feature) ▼]

Reason for change: ⊙	* To repackage WaterML 2.0: Part 1 as TimeSeriesML and place its stewardship and further evolution under the guidance of a broader-based working group. Other than some of the examples, there is nothing hydrology-specific in the Part 1 specification. Rather it complements O&M and SWE Common Data Model to provide a very functional advance in OGC support for the management and distribution of time series data across multiple domains. This would further the fundamental objective of O&M to foster data exchange, comparison, and integration across disciplines and technical communities. Specifically, this is the objective of the Environment Canada Common Observation and Measurement Profile currently under development,

	involving data from the air quality, water quantity, water quality, biodiversity, and meteorology domains.
Summary of change: ⓘ	* Assign a working group with the appropriate scope to advance a general-purpose encoding standard for time series and their collections for cross-domain purposes. This would need to be done in coordination with other groups such as the coverages DWG, SWE DWG (specifically SWE Common SWG), MetOcean DWG and Temporal DWG. Republish WaterML 2.0: Part 1 as a TimeSeriesML reusable model. Assess the to-do list in Part 1 and continue development as TimeSeriesML.
Consequences if not approved: ⓘ	It is a hard sell to get non-hydrology groups to commit their future to something with water in the title. A broader perspective on further development in the time series area would probably yield a more widely applicable result, produced in a shorter timeframe, especially since the priority of the WaterML2 working group is to make progress on hydrology-specific issues in Part 2 and beyond.
Clauses affected: ⓘ	* All
Additional Documents affected: ⓘ	
Supporting Documentation: ⓘ	
Comments: ⓘ	CR reviewed and approved by the author, Peter Taylor.
Status: ⓘ	Assigned ⬍
Assigned To: ⓘ	WaterML2.0SWG ⬍
Disposition: ⓘ	Referred and Posted ⬍