All Fields marked with * are mandatory.

Change Request #:	225
Assigned OGC Document #:	12-078
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Document Name/Version:	*SWE Common Data Model Encoding Standard / 2.0
OGC Project Document:	*08-094r1

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:	* Clarify Time type(s)
Source:	*self
Work item code:	
Category:	* C (Functional modification of feature)

Reason for change:	*
	Section 7.2 states a dependence on ISO 19103, explicitly including the statement that ISO 19103 Time & DateTime are used directly. However, at 7.2.9, the specification defines its own Time class (in the Simple Components package).
	Similarly, the timePositionType is "A minor variation on gml:TimePositionUnion" (annotation in XSD) – is the benefit of this non-standard approach worth while?
	This has lead to confusion when using the class: when is it useful/ necessary / appropriate to use the SWE Time class, and when is the ISO Time class more relevant?
Summary of change:	*
	Either drop the SWE Time class, or clearly document the circumstances in which it should be used in preference to ISO 19103 Time.
	If it is kept, correct the definitions: the XML at 8.1.8 & in the schema defines Time.value as type=swe:TimePosition, and this is a few times in the text. However, the UML at Figure 7.13 uses TM_Position, which implies the standard ISO 19108 class & therefore the

	standard GML encoding.
Consequences if not approved: ⓗ	Continued confusion when creating application schemas that use SWE (e.g. for INSPIRE)

Clauses affected: ⓗ	* 7.2, 7.13, 8.1.8
Additional Documents affected: ⓗ	potentially, the XSDs
Supporting Documentation: ⓗ	See also CR 10-077 Comment 5
Comments: ⓗ	Apologies for raising this "personally", our OGC contact points (Carsten Roensdorf, Peter ter Haar) are otherwise occupied.
Status: ⓗ	Assigned
Assigned To: ⓗ	SWECommonSWG
Disposition: ⓗ	Referred and Posted