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Change Request #:	**320**
Assigned OGC Document #:	**13-097**
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Document Name/Version:	*City Geography Markup Language (CityGML) Encoding Standard / 2.0
OGC Project Document:	*12-019

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:	* [CityGML SWG] Add Metadata to CityGML
Source:	*Special Interest Group 3D (SIG 3D)
Work item code:	
Category:	* B (Addition of feature)

Reason for change:	*
	CityGML currently lacks a standardized specification of metadata. Metadata are crucial to assess the suitability of CityGML data sets for specific applications, and to interpret spatial data. The CR 13-029 (Meta data for city model) is restricted to metadata for a whole dataset. But also metadata at the level of a single feature or even a single attribute or geometry value is required. Hence, this change request complements/generalizes CR 13-029.
Summary of change:	*
	Add a specification for metadata to CityGML. Metadata defined in ISO 19115 (gml encoding: ISO 19139) should be selected and extended to

	meet the needs of 3D city models. Metadata defined in the INSPIRE Building model which facilitate the interpretation of generalized 3D geometries (at the level of single geometries or attribute values) should be adapted.
Consequences if not approved:ⓔ	CityGML datasets enhanced with metadata at the level of features, attributes, or geometry values are currently not interoperable, since there is no standardized metadata model for 3D city models.

Clauses affected:ⓔ	* Multiple
Additional Documents affected:ⓔ	
Supporting Documentation:ⓔ	ISO 19115 ISO 19139 INSPIRE Data Specification on Buildings v. 3 rc 3 — Draft Technical Guidelines, Identifier D2.8.III.2_v3.0rc3.
Comments:ⓔ	
Status:ⓔ	Assigned ⇕
Assigned To:ⓔ	CityGML SWG ⇕
Disposition:ⓔ	Referred ⇕