All Fields marked with * are mandatory.

Change Request #:	324
Assigned OGC Document #:	13-104
Name:	*Peter Parslow
Organization:	*Ordnance Survey, Great Britain
Email:	*Peter.Parslow@ordnancesurvey.co.uk
Document Name/Version:	*Geography Markup Language (GML) simple features profile (with Corrigendum) / 2.0
OGC Project Document:	*10-100r3

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: ⓘ	* [GML DWG] Allow a GML instance document to declare adherence to a particula
Source: ⓘ	*Ordnance Survey, GB
Work item code: ⓘ	
Category: ⓘ	* B (Addition of feature) ⇅

Reason for change: ⓘ	*
	At present, only a GML application schema can declare adherence to the Simple Feature profile (to a specific level).
	A data set (instance document) could adhere to the profile, whilst conforming to an application schema that does not declare adherence. For example, the application schema may allow a full range of geometry types, but a specific data set only uses simple geometries. Or the application schema may allow the full range of property encodings, but a given instance may have all properties in line. (And adhere to all the other rules, like not using gml:metaDataProperty)
	If an instance document can declare an SF level, it may be easier for software to load that document, even if it would not be able to load all documents that conform to the schema.
	At present, this could be achieved (by some instance publishers) by creating a new application schema that declares SF adherence & then imports the original application schema: implicitly (?) constraining the original schema.

Summary of change: ⊙	*
	
	 This could (perhaps) be achieved by adding a clause 'near' to 7.4 describing how
	 `<gmlsf:ComplianceLevel>0|1|2</gmlsf:ComplianceLevel>` could
	 be used in an instance document, probably requiring this to be the first element within the root – effectively a specialisation of the otherwise disallowed gml:metaDataProperty:
	
	 `<gml:metaDataProperty>`
	 `<gmlsf:ComplianceLevel`
	 `xmlns:gmlsf="http://www.opengis.net/gmlsf/2.0">0|1|2</gmlsf:ComplianceLevel>`
	 `</gml:metaDataProperty>`
	
	 Add a similar clause 'near' to A.5, for compliance testing.

Consequences if not approved: ⊙	
Clauses affected: ⊙	* 7.3? 7.4, A.5
Additional Documents affected: ⊙	
Supporting Documentation: ⊙	
Comments: ⊙	This idea came to mind when looking to create 'simple features' data for some of the INSPIRE Application Schemas, which don't declare themselves as simple (in some cases deliberately, to allow for non-simple data as well).
Status: ⊙	Assigned ⇕
Assigned To: ⊙	GML DWG ⇕
Disposition: ⊙	Referred ⇕