All Fields marked with * are mandatory.

Change Request #:	323
Assigned OGC Document #:	13-105
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Document Name/Version:	*MIME Media Types for GML / 1.0
OGC Project Document:	*09-144

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 3.3 SWG] Addition of profile parameter to GML MIME type
Source:⊙	*pedro.goncalves@terradue.com
Work item code: ⊙	
Category:⊙	* C (Functional modification of feature) ⇕

Reason for change:⊙	*
	The current usage of GML MIME types show that users/applications have the need to express the profile they are supporting
	For example, it is quite normal to see WFS output format to announce values like :
	text/xml; subType=gml/3.1.1/profiles/gmlsf/1.0.0/0
	to express the support of simple features.
	This usage of the text/xml is invalid and breaks MIME type formatting rules so we need to support this directly on the GML MIME type
	Currently, in the GML MIME type we can only express the version like:
	application/gml+xml; version=3.1 (note: only the major and the first minor version number are supported)
	but it is not possible to express the profile.

Summary of change:⊙	*
	#1 Add an optional parameters called \"profile\" that allows resource representations to indicate that they are following one or more profiles.
	The profile definition is inline with rfc6906: \"A profile is defined not to alter the semantics of the resource representation itself, but to allow clients to learn about additional semantics (constraints, conventions, extensions) that are associated with the resource representation, in addition to those defined by the media type and possibly other mechanisms.\"
	the notions of profile and media types is also discussed here http://tools.ietf.org/html/rfc6906#page-4
	Note: There is precedence for an equivalent profile parameter on RFC6381 \"The \'Codecs\' and \'Profiles\' Parameters for \"Bucket\" Media Types\" http://tools.ietf.org/html/rfc6381#page-12
	#2 Remove the restriction on the version number to the first minor version Currently the document says: - Only the major and the first minor version number are provided, e.g. \"3.2\".

	This invalidates the usage/differentiation of gml 3.1.1
Consequences if not approved:❓	Proliferation of multiple, incompatible and invalid mime type for GML documents on OGC services
Clauses affected:❓	* N/A
Additional Documents affected:❓	
Supporting Documentation:❓	http://tools.ietf.org/html/rfc6906 http://www.ietf.org/rfc/rfc2045.txt http://tools.ietf.org/html/rfc3023#page-7 http://peakgis.com/2013/07/18/wfs-and-true-interoperability-is-the-key-really-gml-simple-features-gmlsf-profile/#comments http://tools.ietf.org/html/draft-portele-ogc-gml-mime-01 http://www.ietf.org/mail-archive/web/ietf-types/current/msg01243.html
Comments:❓	
Status:❓	Assigned ⇕
Assigned To:❓	GML 3.3 SWG ⇕
Disposition:❓	Referred ⇕