All Fields marked with * are mandatory.

Change Request #:	**289**
Assigned OGC Document #:	**13-033**
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Document Name/Version:	*KML / 2.2.0
OGC Project Document:	*07-147r2

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: ⊕	* [KML SWG] Coordinates by reference to other object
Source: ⊕	*KML 2.2 SWG
Work item code: ⊕	
Category: ⊕	* B (Addition of feature) ▼

Reason for change: ⊕	* Improve consistency between points and and real world objects that are defined by reference to points.
Summary of change: ⊕	* Allow a reference by id of a point object to be used in place of an explicit coordinate tuple, eg in LineString object. It may also be useful to allow reference to objects containing a point object, eg Placemark. Currently where a real world reference point (eg power pole) is used as a point in another object (eg power line) the KML objects are treated as unrelated with the coordinates duplicated in both objects. If the point is later updated due to improved survey accuracy the line

	may not get updated, the power line will appear to miss the pole, unless there is external data linking the two objects. Using a reference will prevent this, as well as providing useful contextual information on the relationship between objects, one of the intentions of XML.
Consequences if not approved: ⊙	Connected object continue to appear disconnected.
Clauses affected: ⊙	* Potentially many
Additional Documents affected: ⊙	
Supporting Documentation: ⊙	
Comments: ⊙	
Status: ⊙	Assigned ▲▼
Assigned To: ⊙	KML SWG ▲▼
Disposition: ⊙	Referred ▲▼