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Change Request #:	158
Assigned OGC Document #:	11-081
Name:	*Jason Mathews
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Document Name/Version:	*KML 2.2 – Abstract Test Suite / 1.0.0
OGC Project Document:	*07-134r2

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 Revision Number that you are revising here:

Title:	*ATC 11 assertion is invalid if LatLonBox bounds cross anti-meridian
Source:	*Mass Market Geo Working Group (MMWG)
Work item code:	
Category:	* D (Editorial modification)

Reason for change:	* ATC 11: LatLonBox states following constraints: * kml:north > kml:south * kml:east > kml:west However, the kml:east > kml:west constraint doesn't hold if GroundOverlay LatLonBox bounds cross anti-meridian (i.e., west >= 0 && east < 0) in which case this rule needs clarification. For example, let west = [Korea] +125 lon, east = [California,US] -115 lon east > west constraint valid only if bounds don't cross anti-meridian (i.e., west < 0 east >= 0) ATC 11 assertion is invalid if bounds GroundOverlay LatLonBox bounds cross anti-meridian as in above example. There is a related bug in Google Earth: http://code.google.com/p/earth-issues/issues/detail?id=1145
Summary of	*

Change: ⓘ	<pre>east > west assertion in ATC 11 must add the condition (west < 0 OR east >= 0)</pre> Change in document should be changed to: <pre>east > west iff west < 0 OR east >= 0</pre>
Consequences if not approved: ⓘ	Constraint as currently stated is not valid for all cases. Valid KML for this exception will be flagged as failing to conform to the OGC KML 2.2.
Clauses affected: ⓘ	* ATC 11: LatLonBox test requirement Reference: OGC-07-147r2: cl. 11.3.2
Additional Documents affected: ⓘ	
Supporting Documentation: ⓘ	
Comments: ⓘ	Is there a caveat list or addendum for such corrections in the OGC documents?
Status: ⓘ	Assigned ⓘ
Assigned To: ⓘ	KML SWG ⓘ
Disposition: ⓘ	Referred ⓘ