OS MasterMap version 9 schema

Release notes

This document explains the amendments to the OS MasterMap® GML schema to be released after April 2015.

The main changes are:

- Additional descriptive terms for the OS MasterMap Topography Layer.

- A new match status for Address Layer 2. This has previously been supplied in the data but is new to this version of the schema.

- English is removed as the default language, in recognition of the fact that in many cases the name of a place is 'accepted', and may actually be, for example, Welsh.

- A change to the way chunkingPolicy and chunkSize are defined within the OSQueryResult.xsd, to satisfy contemporary XML validation.

The schema will include the latest GML 2.1.2 files from the Open Geospatial Consortium (OGC®) and XML files from the World Wide Web Consortium (W3C®) when version 9 is published on our website.

Version 2.1.2.2 is available at http://schemas.opengis.net/gml/. This no longer includes an xlinks.xsd file, because it references the W3C xlink.xsd file. For further information, see the FAQ on OGC Network: <http://www.ogcnetwork.net/node/1829>.

The W3C xlink.xsd references a newer version of xml.xsd than we have issued before, which does not require the xmlschema.dtd or datatypes.dtd files. For consistency with OGC GML, we now import the W3C xlink.xsd and xml.xsd into our OSComplexTypes.xsd and OSDNFFeatures.xsd files.

In this set of xsd files, we have edited the schemaLocation attributes of the OGC feature.xsd and geometry.xsd, and the W3C xlink.xsd files to reference local copies of the authoritative files. While this is not OGC best practice, we will continue to include all of the schema files in one place.

What has changed?

Schema changed	Version	Layer affected	Description of change
OSSimpleTypes.xsd	3.5	Topography	New descriptiveTermType – Agricultural Land
		Topography	New descriptiveTermType – Aqueduct
		Topography	New descriptiveTermType – Bridge
		Topography	New descriptiveTermType – Canal
		Topography	New descriptiveTermType – Canal Feeder
		Topography	New descriptiveTermType – Capstan
		Topography	New descriptiveTermType – Cattle Grid
		Topography	New descriptiveTermType – Cave
		Topography	New descriptiveTermType – Chimney
		Topography	New descriptiveTermType – Collects
		Topography	New descriptiveTermType – Conduit
		Topography	New descriptiveTermType – Conveyor
		Topography	New descriptiveTermType – Crane
		Topography	New descriptiveTermType – Cross
		Topography	New descriptiveTermType – Distance Marker
		Topography	New descriptiveTermType – Drain
		Topography	New descriptiveTermType – Electricity Sub Station
		Topography	New descriptiveTermType – Emergency Telephone
		Topography	New descriptiveTermType – Flagstaff
		Topography	New descriptiveTermType – Ford
		Topography	New descriptiveTermType – Footbridge
		Topography	New descriptiveTermType – Fountain
		Topography	New descriptiveTermType – Gantry
		Topography	New descriptiveTermType – Gas Governor
		Topography	New descriptiveTermType – Groyne
		Topography	New descriptiveTermType – Guide Post
		Topography	New descriptiveTermType – Issues
		Topography	New descriptiveTermType – Landfill
		Topography	New descriptiveTermType – Landfill (Inactive)
		Topography	New descriptiveTermType – Letter Box
		Topography	New descriptiveTermType – Level Crossing
		Topography	New descriptiveTermType – Lighting Gantry
		Topography	New descriptiveTermType – Line Of Mooring Posts
		Topography	New descriptiveTermType – Line Of Posts

Schema changed	Version	Layer affected	Description of change
		Topography	New descriptiveTermType – Lock
		Topography	New descriptiveTermType – Lock Gate
		Topography	New descriptiveTermType – Marsh
		Topography	New descriptiveTermType – Mast
		Topography	New descriptiveTermType – Mine Leat
		Topography	New descriptiveTermType – Mill Leat
		Topography	New descriptiveTermType – Mineral Workings
		Topography	New descriptiveTermType – Mineral Workings (Inactive)
		Topography	New descriptiveTermType – Mooring Post
		Topography	New descriptiveTermType – Mud
		Topography	New descriptiveTermType – Normal Tidal Limit
		Topography	New descriptiveTermType – Pole
		Topography	New descriptiveTermType – Post
		Topography	New descriptiveTermType – Public Convenience
		Topography	New descriptiveTermType – Public Telephone
		Topography	New descriptiveTermType – Rail Signal Gantry
		Topography	New descriptiveTermType – Reeds
		Topography	New descriptiveTermType – Reservoir
		Topography	New descriptiveTermType – Saltmarsh
		Topography	New descriptiveTermType – Sand
		Topography	New descriptiveTermType – Shingle
		Topography	New descriptiveTermType – Signal
		Topography	New descriptiveTermType – Sinks
		Topography	New descriptiveTermType – Slag Heap
		Topography	New descriptiveTermType – Slag Heap (Inactive)
		Topography	New descriptiveTermType – Slipway
		Topography	New descriptiveTermType – Sloping Masonry
		Topography	New descriptiveTermType – Sluice
		Topography	New descriptiveTermType – Spoil Heap
		Topography	New descriptiveTermType – Spoil Heap (Inactive)
		Topography	New descriptiveTermType – Spreads
		Topography	New descriptiveTermType – Spring
		Topography	New descriptiveTermType – Static Water
		Topography	New descriptiveTermType – Swimming Pool
		Topography	New descriptiveTermType – Tank
		Topography	New descriptiveTermType – Telecommunications Mast

Schema changed	Version	Layer affected	Description of change
		Topography	New descriptiveTermType – Watercourse
		Topography	New descriptiveTermType – Waterfall
		Topography	New descriptiveTermType – Waterfall (Vertical)
		Topography	New descriptiveTermType – Weir
		Topography	New descriptiveTermType – Well
		Topography	New descriptiveTermType – Wind Turbine
		Address Layer 2	New matchStatus – Matched with discrepancy (Pending)
OSQueryResult.xsd	3.3.1		We have changed the way chunkingPolicy and chunkSize are defined, to satisfy contemporary XML validation.
OSDNFFeatures.xsd	3.12		Schema location points to xlink.xsd
OSComplexTypes.xsd	3.17		Removal of English as default language In v8.0 <attribute ref="xml:lang" use="optional" default="en"/> In new v9.0: <attribute ref="xml:lang" use="optional"/>
OSComplexTypes.xsd	3.17		Schema location points to xlink.xsd
OSComplexTypes.xsd	3.17		We have changed this to reference a local copy of xml.xsd, for consistency with other xs:import statements in OS MasterMap.
xlinks.xsd		OGC File	This has been removed from this schema pack. For further information, see FAQ on OGC Network: <http://www.ogcnetwork.net/node/1829>.
xlink.xsd		W3C File	Added to schema pack to replace xlinks.xsd
gml.xsd		OGC File	Added to schema pack, as part of GML v2.1.2.2
feature.xsd		OGC File	Updated to v2.1.2.2 for xlink.xsd references
geometry.xsd		OGC File	Updated to v2.1.2.2 for xlink.xsd references
xml.xsd		W3C file	Updated to the same version used by W3C's xlink.xsd
*.dtd			These have been removed as no longer used by W3C xlink.xsd or xml.xsd

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