

AddressBase® Islands Products January 2020 Epoch 73 Release



Release Note Version 1.0

Northern Ireland, Channel Islands and Isle of Man Coverage.

Introduction

This release note provides information about the January 2020 release of AddressBase Islands. This product was released to customers on **January 30th 2020**.

1. Product counts

The following are product counts for the non-geographic chunked release of the AddressBase Islands products:

Product	Full Supply record count*	Change Only Update record count*
AddressBase Plus Islands	1,097,435	3,466
AddressBase Premium Islands		
Street	46,559	136
Street Descriptor	46,559	46
BLPU	1,168,726	4,202
Classification	1,168,726	2,445
LPI	1,176,736	2,512
Organisation	42,080	82
Delivery Point Address	923,420	1,349
Application Cross Ref.	1,236,200	2,049
Successor	0	0

*these counts are based on a Managed Islands Set (MIS).

2. Changed Records

If you receive a Change Only Update (COU) supply for your AddressBase Islands product, you will receive Insert, Update and Delete records within the supplied file. The counts of these records can be found below –

AddressBase Plus Islands -

Change Type	Count
Inserts	959
Updates	1,907
Deletes	600

AddressBase Premium Islands -

	Inserts	Updates	Deletes
Street	40	90	6
Street Descriptor	40	0	6
BLPU	1,335	2,482	385
Classification	1,335	725	385
LPI	1,474	653	385
Organisation	16	6	60
Delivery Point Address	785	301	263
Application Cross Ref.	1,419	148	482

3. Source data currency

The following information relates to the currency of the source data used in the creation of Epoch 73:

Data Source	Date
Pointer (Northern Ireland)	23 December 2019
DigiMap (Channel Islands)*	6 December 2019
Isle of Man	12 December 2019
Royal Mail PAF	3 January 2020

*This currency date is with regards to Guernsey. Jersey information has a currency of 27th June 2019, with the aim to be loaded into the next Epoch.

4. Data Issues

AddressBase Plus Islands Issues

Affected output formats: GML

a. Incorrect namespace for specification version

We have identified that the namespaces relating to the AddressBase schema have accidentally been replaced for AddressBase Islands. This is due to the specification for AddressBase having changed, though this change did not affect AddressBase Islands.

Further consultation since the last release has resulted in our position changing in terms of misaligning the schema versions for AddressBase and AddressBase Islands. Our intention now is to increment the schema version used for AddressBase Islands to 2.1 as is currently, albeit wrongly, the case.

We will issue further communications alongside the amended specification for this. Please note that aside from a new schema specification number there will be no breaking change in the update. RPC code values will remain identical to current ones, though their definition wording will change.

As the change is not a breaking one, loading processes can safely ignore the version change for the time being or edit the the GML files manually and change all references to mentioning AddressBase versions 2.1 to 2.0 in the GML headers.

Changes are highlighted below:

```
<?xml version="1.0" encoding="UTF-8"?>
<abpl:AddressBaseSupplySet xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xs="http://www.w3.org/2001/XMLSchema"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:gmd="http://www.isotc211.org/2005/gmd"
  xmlns:gco="http://www.isotc211.org/2005/gco"
  xmlns:gss="http://www.isotc211.org/2005/gss"
  xmlns:gts="http://www.isotc211.org/2005/gts"
  xmlns:gsr="http://www.isotc211.org/2005/gsr"
  xmlns:abpl="http://namespaces.geoplace.co.uk/addressbaseplus/2.1"
  xmlns:gmlxht="http://www.opengis.net/gml/3.3/xht"
  xsi:schemaLocation="http://www.opengis.net/gml/3.2
  http://schemas.opengis.net/gml/3.2.1/gml.xsd
  http://namespaces.geoplace.co.uk/addressbaseplus/2.1
  http://www.geoplace.co.uk/addressbase/schema/2.1/addressbaseplus.xsd"
  gml:id="FC1">
<gml:description>Ordnance Survey (c) Crown Copyright. All rights reserved, 2018 and
produced by GeoPlace</gml:description>
```

Should read

```
<?xml version="1.0" encoding="UTF-8"?>
<abpl:AddressBaseSupplySet xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xs="http://www.w3.org/2001/XMLSchema"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:gmd="http://www.isotc211.org/2005/gmd"
  xmlns:gco="http://www.isotc211.org/2005/gco"
  xmlns:gss="http://www.isotc211.org/2005/gss"
  xmlns:gts="http://www.isotc211.org/2005/gts"
  xmlns:gsr="http://www.isotc211.org/2005/gsr"
  xmlns:abpl="http://namespaces.geoplace.co.uk/addressbaseplus/2.0"
  xmlns:gmlxht="http://www.opengis.net/gml/3.3/xht"
  xsi:schemaLocation="http://www.opengis.net/gml/3.2
  http://schemas.opengis.net/gml/3.2.1/gml.xsd
  http://namespaces.geoplace.co.uk/addressbaseplus/2.0
  http://www.geoplace.co.uk/addressbase/schema/2.0/addressbaseplus.xsd"
  gml:id="FC1">
<gml:description>Ordnance Survey (c) Crown Copyright. All rights reserved, 2018 and
produced by GeoPlace</gml:description>
```

Affected output formats: CSV and GML

a. Missing Parent UPRNs

1,074 records which exist in AddressBase Plus Islands declare a Parent UPRN which cannot be found in product. This is because of the background logic used to create the product and this will be reviewed in the future.

b. Transformation of Northern Ireland Coordinates

Coordinates for Northern Ireland are provided by Pointer in the Irish Grid (EPSG: 29903). These are then transformed into ETRS89 Latitude and Longitude and then British National Grid X and Y coordinates. A transformation error has resulted in the X and Y coordinates being incorrect for Northern Ireland. This will be resolved for Epoch 74. The Latitude and Longitude are correct and should be used as an interim to locate BLPUs until the X and Y coordinates are fixed.

AddressBase Premium Islands Issues

Affected output formats: GML

a. Incorrect namespace for specification version

We have identified that the namespaces relating to the AddressBase schema have accidentally been replaced for AddressBase Islands. This is due to the specification for AddressBase having changed, though this change did not affect AddressBase Islands.

Further consultation since the last release has resulted in our position changing in terms of misaligning the schema versions for AddressBase and AddressBase Islands. Our intention now is to increment the schema version used for AddressBase Islands to 2.1 as is currently, albeit wrongly, the case.

We will issue further communications alongside the amended specification for this. Please note that aside from a new schema specification number there will be no breaking change in the update. RPC code values will remain identical to current ones, though their definition wording will change.

As the change is not a breaking one, loading processes can safely ignore the version change for the time being or edit the the GML files manually and change all references to mentioning AddressBase versions 2.1 to 2.0 in the GML headers.

Changes are highlighted below:

```
<?xml version="1.0" encoding="UTF-8"?>
<abpl:AddressBaseSupplySet xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xs="http://www.w3.org/2001/XMLSchema"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:gmd="http://www.isotc211.org/2005/gmd"
  xmlns:gco="http://www.isotc211.org/2005/gco"
  xmlns:gss="http://www.isotc211.org/2005/gss"
  xmlns:gts="http://www.isotc211.org/2005/gts"
  xmlns:gsr="http://www.isotc211.org/2005/gsr"
  xmlns:abpr="http://namespaces.geoplace.co.uk/addressbasepremium/2.1"
  xmlns:gmlxبت="http://www.opengis.net/gml/3.3/xبت"
  xsi:schemaLocation="http://www.opengis.net/gml/3.2
  http://schemas.opengis.net/gml/3.2.1/gml.xsd
  http://namespaces.geoplace.co.uk/addressbasepremium/2.1
  http://www.geoplace.co.uk/addressbase/schema/2.1/addressbasepremium.xsd"
  gml:id="FC1">
<gml:description>Ordnance Survey (c) Crown Copyright. All rights reserved, 2018 and
produced by GeoPlace</gml:description>
```

Should read

```
<?xml version="1.0" encoding="UTF-8"?>
<abpl:AddressBaseSupplySet xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xs="http://www.w3.org/2001/XMLSchema"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:gmd="http://www.isotc211.org/2005/gmd"
  xmlns:gco="http://www.isotc211.org/2005/gco"
  xmlns:gss="http://www.isotc211.org/2005/gss"
  xmlns:gts="http://www.isotc211.org/2005/gts"
  xmlns:gsr="http://www.isotc211.org/2005/gsr"
  xmlns:abpr="http://namespaces.geoplace.co.uk/addressbaseplus/2.0"
  xmlns:gmlxبت="http://www.opengis.net/gml/3.3/xبت"
  xsi:schemaLocation="http://www.opengis.net/gml/3.2
  http://schemas.opengis.net/gml/3.2.1/gml.xsd
  http://namespaces.geoplace.co.uk/addressbaseplus/2.0
  http://www.geoplace.co.uk/addressbase/schema/2.0/addressbaseplus.xsd"
  gml:id="FC1">
<gml:description>Ordnance Survey (c) Crown Copyright. All rights reserved, 2018 and
produced by GeoPlace</gml:description>
```

Affected output formats: CSV and GML

a. Street Incorrect Coordinates –

There are 143 Streets which have incorrect start or end coordinates of 000000. The unique identifiers can be provided upon request through your Relationship Manager.

b. Transformation of Northern Ireland Coordinates

Coordinates for Northern Ireland are provided by Pointer in the Irish Grid (EPSG: 29903). These are then transformed into ETRS89 Latitude and Longitude and then British National Grid X and Y coordinates. A transformation error has resulted in the X and Y coordinates in the BLPU and Street table being incorrect for Northern Ireland. This will be resolved in Epoch 74. The Latitude and Longitude are correct and should be used as an interim to locate BLPUs and street coordinates until the X and Y coordinates are fixed.