Additional Data Guide

United Kingdom With Pointer Data

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Introduction

Pointer Data Information

This guide provides an overview of the United Kingdom With Pointer Additional Dataset.

For general information about the United Kingdom (GBR Address) data, see the United Kingdom Data Guide. For information about a specific Additional Dataset, see the relevant Additional Data Guide.

You must have the GBR Address Dataset installed to use any of the Additional Datasets.

GBRPTR Pointer Address Additional Dataset

Currently this dataset can only be used with QAS Pro V5.02 (and above), QAS Pro Web V5.09 (and above), QAS Batch V5.00 (and above), and QAS NameTracer Pro.

Dataset Code:	GBRPTR
Filenames:	gbrptr.ads; gbrptr.tpx, gbrptr.zlx
Approximate Data Size:	60MB
Data Source:	Ordnance Survey of Northern Ireland (OSNI) Land & Property Services (formerly the Valuation & Lands Agency) © Royal Mail Group PLC All data, extracts and updates © OSNI
Update Frequency:	Quarterly
Expiry:	The quarterly data release dates are: • March • June • September • December Data files will expire 8 months after creation. For example, March data will expire in November of that year. Ensure every data update is applied promptly, otherwise the data may expire and the product will become unusable.

The GBRPTR Pointer Address Additional Dataset contains Pointer® address data. Pointer holds standardised address information for every property in Northern Ireland, with each property having an exact postal address and geo-spacial coordinates. Pointer was developed using address datasets from Ordnance Survey of Northern Ireland (OSNI), Royal Mail, and the former Valuation and Lands Agency (VLA). The dataset was created following a complex data matching exercise using the address data from the three sources, and is maintained by OSNI.

The dataset contains both postal (PAF and new postal addresses not yet entered into PAF) and non-postal (objects without postal address information) addresses. The address data model for a valid Pointer address comprises a Primary Addressable Object (PAO) with one or more attached Secondary Addressable Objects (SAOs). Typically, a PAO is the unique combination of building number or name and primary thoroughfare, whereas the SAO(s) may represent the occupancy of the building.

List Of Available Data Files

File Name	File Type	Comment
.ads	Additional Dataset	Contains Additional Dataset information. Must be used in conjunction with a .dts file.
.tpx	Typedown Index File	Indexing information for use with Typedown searching.
.dap	DataPlus Set	Contains DataPlus information. See page 5 for more information about the available DataPlus sets.
.zlx	Single Line Index File	Indexing information for use with Single Line searching.

About This Data

Area Covered

The Pointer Additional Dataset contains information for addresses in the following areas:

Name of Dataset	England	Scotland	Wales	N. Ireland	Isle of Man	Channel Islands
GBRPTR Pointer				√		

About DataPlus Information

You can configure your Experian QAS products to use any of the available DataPlus sets that are available for GBR Address data and the GBRPTR Pointer Additional Dataset. Please refer to the relevant section of the product documentation for information on configuring Experian QAS products to return DataPlus information.

Each DataPlus set (.dap) is divided into one or more items. Experian QAS products can be configured to return these items via the Configuration Editor (using the element name) or the configuration file (using the code name). This section details the DataPlus sets currently available for GBRPTR Pointer Additional Dataset.

In addition to these DataPlus sets, GBRPTR Pointer data can also be used with the DataPlus sets available for GBR Address data. See the United Kingdom Data Guide for details.

DataPlus Sets For GBRPTR Pointer Address Data

The following DataPlus set is available with GBRPTR Pointer Address Data:

- GBRPTL Pointer DataPlus.

GBRPTL Pointer DataPlus

Identifier: GBRPTL

The GBRPTL DataPlus set returns postal address delivery point data, government boundary data, geographic data and usage data for a given address in Northern Ireland.

Element	Code	Description
1m Irish Grid X Coordinate	IrGridX	X coordinate for the address. This value is taken from the Irish Grid system and collected by a surveyor from OSNI. The value has a resolution of 1 metre.
1m Irish Grid Y Coordinate	IrGridY	Y coordinate for the address. This value is taken from the Irish Grid system and collected by a surveyor from OSNI. The value has a resolution of 1 metre.
OS Easting	OSEast	1m OS Easting grid-reference for the address.*
OS Northing	OSNorth	1m OS Northing grid-reference for the address.*
Latitude	Latitude	WGS84 projection compatible with the GPS system and returned to six decimal places.
Longitude	Longitude	WGS84 projection compatible with the GPS system and returned to six decimal places.
Temp Coordinates Flag	TempCoords	If the X/Y coordinates have been entered by the local council but have not verified by OSNI then the coordinates are temporary. Values are Y (record has a temporary, estimated grid reference) and N (record has a permanent, accurate grid reference).

Element	Code	Description
Unique Building ID	UniqueBID	A unique 12-digit sequential number used to identify a PAO.
Business Use	BusUse	Current use of the address, derived from the VLA classification. Values are Commercial, Residential, Mixed, or Unknown.
Commencement Date	CommDate	Date when building has entered the Construction state as defined by the Local Council. Note that this value only applies to New buildings, and not buildings present when the GBRPTR Pointer Address Data was first populated.
UPRN	UPRN	Unique Property Reference Number for the address. This 12 digit number identifies a secondary addressable object.
Townland	Townland	Name of the small division of the county in which the address resides. Townlands are a traditional feature of addresses in Northern Ireland.
Building Status	BStatus	The status of the building. This can be None, Under Construction, Built, Derelict or Demolished.
Local Council Name	LCouncilN	Name of the local council responsible for administrative matters, inside of which the boundary for the PAO falls.
Basic Land and Property Unit	BLPU	Reserved for future use.
Address Status	AddrStatus	The current logical status of the address. This can be Candidate, Provisional, Approved, Rejected or Historical.
Archived Date	ArchivedDate	The date when the address is deemed to be no longer in use. This will be populated when the Address Status changes to Historical.

** If required, you could use this DataPlus set with the GBR 100m Postzon Grid Reference (GBRGRD) DataPlus set. GBRGRD would return a resolution of 100m for the whole of Great Britain and GBRPTL would return a resolution of 1m for any address in Northern Ireland.*

Using This Data

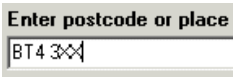
This section provides tips for address searching when using QAS Pro and QAS Pro Web, or when performing Interactive cleaning in QAS Batch.

These searches are accurate at the time of data release. However, search results may differ depending on the data release you are using.

With QAS Pro

GBRPTR Pointer Address data can only be used with QAS Pro V5.02 or above.

Search Examples: Typedown



The following table provides a list of these example search types:

- Postcode not known
- Full address known

Search type	Example
Postcode not known	1) Enter the county name, **co antrim**, and pres **Enter**. 2) Enter the street name, **ballindreen road**, and press **Enter**. 3) Enter the building number, **40**, and press **Enter**. The final address is returned: 40 Ballindreen Road Ballybogy BALLYMONEY County Antrim BT53 6PA
Full address known	1) Enter the postcode, **bt942gd**, and press **Enter**. 2) Enter the building number, **4**, and press **Enter**. The final address is returned: 4 Makenny Crescent Ballinamallard ENNISKILLEN County Fermanagh BT94 2GD

Search Examples: Single Line

The following table provides a list of these example search types:

- Searching for a business address
- Searching for a PO Box address

Search type	Explanation
Searching for a business address	1) Enter the name of the business, followed by a comma and the locality: **tesco, yorkgate shopping centre** 2) The full address is returned: Tesco Yorkgate Shopping Centre BELFAST BT15 1WA
Searching for a PO Box address	1) Enter the PO Box number, followed by a comma and the locality or county: **po box 6, ballycastle** 2) The full address is returned: PO Box 6 BALLYCASTLE County Antrim BT54 6YD

With QAS Pro Web

Scenarios

The following table indicates relevant search examples for each QAS Pro Web scenario and search engine that supports GBRPTR Pointer data.

Scenario	Search Engine	For search examples, see:
Single Line	Single Line hierarchical	Single Line search examples on page 11.
Standard	Typedown Single Line hierarchical	Typedown examples on page 9. Single Line search examples on page 11.
Verification	Verification	Verification examples on page 13.
Bulk Processing	Verification	Bulk Processing examples on page 15.
ActiveX Control	Typedown Single Line hierarchical	Typedown examples on page 9. Single Line search examples on page 11.

Search Examples: Verification

Users of QAS Pro Web can use address verification functionality to verify a customer's address once they have typed it in full into a web form.

The following table provides a list of example searches and the Verify level they return.

Verify level	Example
Verified	**13 Hillside Park** **ARMAGH** This search brings back a verified address with the verify level of "Verified".
Multiple	**1 church road** **belfast** This search shows what is returned if the user attempts to verify an address without knowing the sub-premises number or the street name. The search brings back a verify level of "Multiple" and offers a picklist of possible addresses.
None	**Missing Street** **Unknown Town** This search brings back a verify level of "None" as the address does not exist in the data.
StreetPartial	**Teeraw Road** **BT61 8HG** This search brings back a verify level of "StreetPartial" as the search did not define a property number for the street location "Suffolk Close".
PremisesPartial	**3 Northview** **NEWTOWNABBEY** **BT36 7JL** This search brings back a verify level of "PremisesPartial" as there is more than one s at the address.

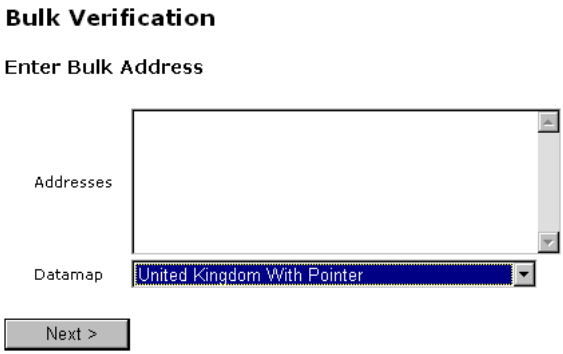
Verify level	Example
InteractionRequired	**5 Terrace** **BT82 8JJ** This search brings back a verify level of “InteractionRequired” as the street name was not correct and, although there was only one match, the address requires verification from the user. **5 Fountain Terrace** **STRABANE** **County Tyrone** **BT82 8JJ** **United Kingdom**

For more information about the Verification engine, refer to the Address Verification section of the QAS Pro Web Integration Guide.

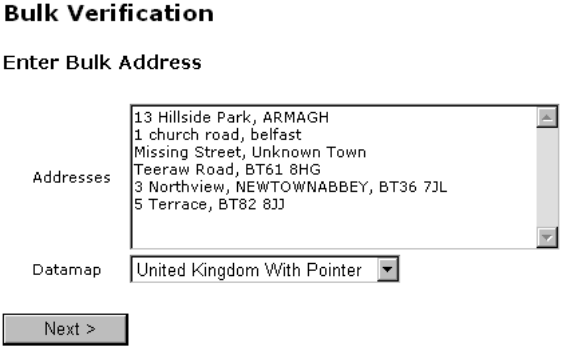
Search Example: Bulk Processing

The following example shows a bulk search on six addresses which all return a different level of verification.

1. Select the Bulk Processing search method.
2. Select United Kingdom With Pointer data from the **Datamap** drop-down box.

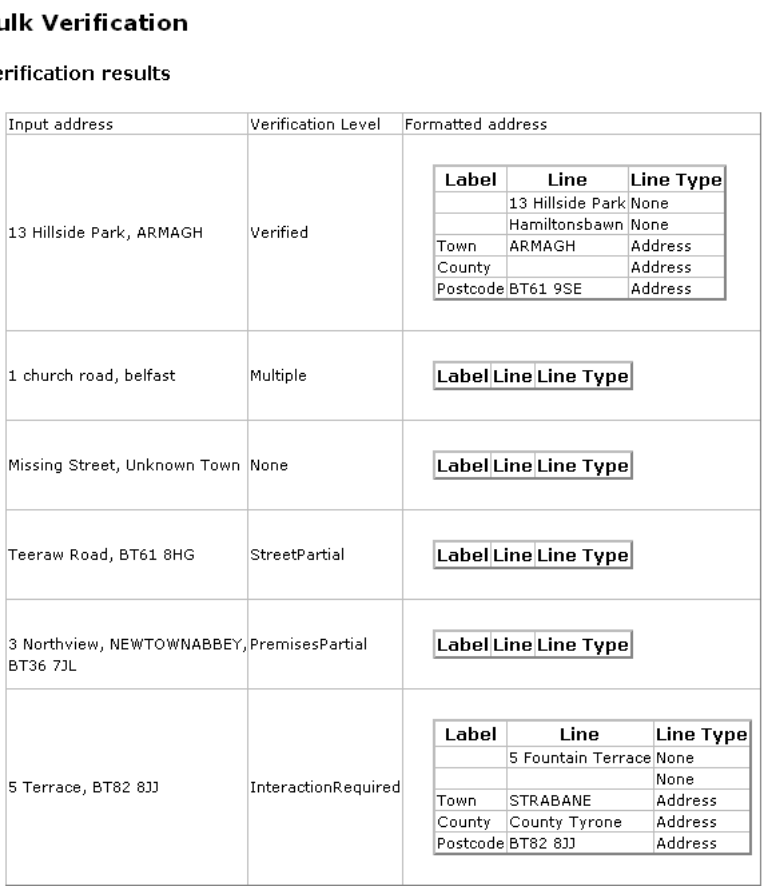


3. Type the addresses into the **Addresses** field, each address on its own line:



4. Click **Next** to perform the verification on the entered address.

   The verification level for each address is returned:



Bulk Verification

Verification results

Input address	Verification Level	Formatted address
13 Hillside Park, ARMAGH	Verified	Label / Line / Line Type 13 Hillside Park / None Hamiltonsbawn / None Town / ARMAGH / Address County / / Address Postcode / BT61 9SE / Address
1 church road, belfast	Multiple	Label Line Line Type
Missing Street, Unknown Town	None	Label Line Line Type
Teeraw Road, BT61 8HG	StreetPartial	Label Line Line Type
3 Northview, NEWTOWNABBEY, BT36 7JL	PremisesPartial	Label Line Line Type
5 Terrace, BT82 8JJ	InteractionRequired	Label / Line / Line Type 5 Fountain Terrace / None / None Town / STRABANE / Address County / County Tyrone / Address Postcode / BT82 8JJ / Address

With QAS Batch

GBRPTR Pointer Address data can only be used with QAS Batch V5.00 or above.

GBRPTR Pointer data and Suppression data cannot both be used in QAS Batch at the same time.

Search Examples: QAS Batch Interactive

For information about the best methods for searching on United Kingdom With Pointer using QAS Batch Interactive please refer to Typedown search examples on page 9 and Single Line search examples on page 11.

With QAS NameTracer Pro

For search examples using this data with QAS NameTracer Pro, see the QAS NameTracer Pro documentation.