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# **Additional Data Guide**

**United Kingdom With Multiple Residence Data**

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QAS Support Website:  
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**[www.qas.com](http://www.qas.com)**

### **UK**

QAS Ltd  
George West House  
2-3 Clapham Common North Side  
LONDON  
SW4 0QL  
UNITED KINGDOM

Tel: +44 (0) 20 7498 7777  
Fax: +44 (0) 20 7498 0303

Technical Support  
Tel: +44 (0) 20 7498 7788  
E-mail: [uk.support@qas.com](mailto:uk.support@qas.com)

### **USA and Canada**

QAS  
125 Summer St Ste 1910  
Boston MA 02110-1615  
USA

Tel: +1 888 322 6201  
Fax: +1 888 882 7082

Technical Support  
Tel: +1 888 712 3332  
Email: [us.support@qas.com](mailto:us.support@qas.com)

### **France**

QAS  
38 avenue des Champs Elysees  
75008 PARIS  
FRANCE

Tel: +33 (0) 1 70 39 43 20  
Fax: +33 (0) 1 70 39 43 21

Technical Support  
Tel: +33 (0) 1 70 39 43 43  
E-mail: [fr.support@qas.com](mailto:fr.support@qas.com)

### **Australia**

QAS Pty Ltd  
L 23 111 Pacific Highway  
NORTH SYDNEY NSW 2060  
AUSTRALIA

Tel: +61 (0) 2 9922 4422  
Fax: +61 (0) 2 9922 3522

Technical Support  
Tel: +61 (0) 2 9922 4422  
E-mail: [au.support@qas.com](mailto:au.support@qas.com)

**Singapore**

QAS

80 Raffles Place  
# 35-00 UOB Plaza 1  
Singapore 048624

Tel: +65 6248 4771  
Fax: +65 6248 4531

Technical Support  
Tel: +65 6248 4771  
E-mail: sg.support@qas.com

**Netherlands**

QAS Nederland

Gustav Mahlerplein 60  
1082 MA AMSTERDAM  
THE NETHERLANDS

Tel: +31 (0) 20 504 0040  
Fax: +31 (0) 20 504 0044

Technical Support  
Tel: +44 (0) 20 7498 7788  
E-mail: nl.support@qas.com

**For all other countries**

QAS Ltd

George West House  
2-3 Clapham Common North Side  
LONDON  
SW4 0QL  
UNITED KINGDOM

Tel: +44 (0) 20 7498 7777  
Fax: +44 (0) 20 7498 0303

Technical Support  
Tel: +44 (0) 20 7498 7788  
E-mail: support@qas.com

# Contents

<b>Introduction .....</b>	<b>1</b>
Multiple Residence Data Information .....	1
GBRMRF Multiple Residence Additional Dataset .....	2
<b>About This Data.....</b>	<b>3</b>
Area Covered.....	3
Address Elements .....	3
About DataPlus Information .....	4
DataPlus Sets for GBRMRF Multiple Residence Data .....	5
<b>Using This Data .....</b>	<b>7</b>
With QAS Pro.....	7
Search Examples: Typedown.....	7
Search Examples: Single Line .....	8
With QAS Pro Web.....	9
Scenarios .....	9
With QAS Batch .....	10
Dataset-Specific Information Bits .....	11
Search Examples: Batch Interactive .....	11



# Introduction

## Multiple Residence Data Information

This guide provides an overview of the United Kingdom with Multiple Residence (GBRMRF) 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.



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*You must have the GBR Address Dataset installed to use the GBRMRF Additional Dataset.*

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## GBRMRF Multiple Residence Additional Dataset

Dataset Code:	GBRMRF
Filenames:	gbrmrf.ads, gbrmrf.tpx, gbrmrf.zlx
Approximate Data Size:	3MB
Data Source:	© Royal Mail Group PLC
Update Frequency:	Monthly
Expiry:	Data files will expire 8 months after creation. For example, March data will expire in November of the same year. Ensure every data update is applied promptly, otherwise the data may expire and the product will become unusable.

This information is verified accurate by the Royal Mail, and is an up-to-date source of multiple residence address information. Every record of the dataset is verified by the Royal Mail delivery network. Please be aware that it is only possible to capture multiple residence data when there is a pre-existing address structure (Flat A, Upper Flat for example). If this does not exist, the multiple residence information will not be captured. Bedsits, marinas, caravan sites, hostels, hotels and prisons are not captured.

# About This Data

## Area Covered

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

Name of Dataset	England	Scotland	Wales	N. Ireland	Isle of Man	Channel Islands
GBRMRF Multiple Residence	√	√	√	√		

## Address Elements

The GBRMRF Multiple Residence data files can contain additional information for the following GBR address elements. For a full list of address elements, see the GBR Data Guide.

Address Element	Example	Element Code
Building Number	27a	P11
Building Name	Ocean Towers	P12
Sub Building Name	FLAT 2	P22
Sub Building Number	2	P21
Organisation Name	QAS Ltd	O11
Department Name	Sales	O21

## About DataPlus Information

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

Each DataPlus set (.dap) is divided into one or more items. 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 GBRMRF Multiple Residence Additional Dataset.



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*In addition to these DataPlus sets, GBRMRF Multiple Residence Data can also use the DataPlus sets that are available for GBR data. See the GBR Data Guide for details of these DataPlus sets.*

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## DataPlus Sets for GBRMRF Multiple Residence Data

The following DataPlus sets are available with GBRMRF Multiple Residence data:

- GBR Multiple Residence Count (GBRMRC) DataPlus set
- GBR Flag (GBRMRL) DataPlus set
- GBR PAF Match Quality (GBRQAL) DataPlus set.

### GBR Multiple Residence Count

**Identifier:** GBRMRC

The GBRMRC DataPlus set returns the number of multiple addresses there are at a given delivery point.

Element	Code	Description
Multi-Occupied Count	MOCC	Indicates the number of addresses at the premises.

### GBR Flag

**Identifier:** GBRMRL

The GBRMRL DataPlus set returns the letter 'Y' if the Multi-Occupied Count is greater than one.

Element	Code	Description
Multiple Residences Flag	MoccFlag	Flag to indicate whether the premises has multiple addresses. If Multi-Occupied Count is greater than one, this field will return Y.

## GBR PAF Match Quality

**Identifier:** GBRQAL

The GBRQAL DataPlus set returns a quality assessment of the match made for a given address between the GBR Multiple Residence dataset and PAF data.

Element	Code	Description
PAF Quality of Address	Address	The DataPlus element returns a number (0 - 6) which indicates the quality of the match to the address entered.
		0 Full postal address match.
		1 Exact organisation and full postal address match.
		2 Close organisation and full postal address match.
		3 Full premise-level match - additional organisation or sub-premise information exists on PAF.
		4 Partial premise level match - non-PAF sub-premise information added.
		5 Street level match - non-PAF premise information added.
6 Place level match - non-PAF premise and street information added.		
PAF Quality of Postcode	Postcode	The DataPlus element returns a number (0 - 1) which indicates the quality of the match to the postcode entered.
		0 Postal code match.
		1 Postal code added.

# Using This Data

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



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

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## With QAS Pro

### Search Examples: Typedown

Enter postcode or place
PO1 2BF

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

- Locating Multiple Residence information from an address picklist

Search type	Example
<b>Locating Multiple Residence information from an address picklist</b>	<ol style="list-style-type: none"> <li>1) Enter the location, <b>portsmouth</b>, and press <b>Enter</b>.</li> <li>2) Enter the first part of the street name, <b>white swan</b>, and press <b>Enter</b>. In this example this is enough to uniquely identify White Swan Road.</li> <li>3) Enter the premises name, <b>block d</b>, and press <b>Enter</b>. Select the first entry in the picklist, 1.15. This will bring up the matched address, together with any additional data supplied by the Multiple Residence dataset (in this example, Room 1).</li> </ol>

In this example, the GBR PAF data would return '1.15 Block D' in the first field of the returned address, whereas the GBRMRF Additional Data set will return 'Room 1'. This data will be added to the first field to show '1.15 Room 1 Block D'.

## Search Examples: Single Line

**Enter search**

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

- Returning Multiple Residence information with a full address known

Search type	Explanation
<b>Returning Multiple Residence information with a full address known</b>	<ol style="list-style-type: none"> <li>1) Enter the premises number followed by the postcode, <b>28 po409rr</b>, and press <b>Enter</b>.</li> <li>2) Select the first entry in the picklist - 28, Sunset Bungalows - and the Multiple Residence data will be shown in the relevant element field.</li> </ol>

In this example, the GBR PAF data would return 'Sunset Bungalows' in the first field of the returned address, whereas the GBRMRF Additional Data set will return '28'. This data will be added to the first field and will show '28, Sunset Bungalows'.

# With QAS Pro Web

## Scenarios

The following table indicates the relevant search examples for each Pro Web scenario and search engine that supports GBRMRF Address data.

<b>Scenario</b>	<b>Search Engine</b>	<b>For search examples, see:</b>
Address Capture on the Intranet	Single Line hierarchical	Single Line search examples on page 8.
Address Capture on the Web	Single Line flattened	Single Line search examples on page 8.
Address Verification on the Web	Verification	Verification search examples can be found in the GBR Data Guide.
Bulk Processing	Verification	Bulk Processing search examples can be found in the GBR Data Guide.

## With QAS Batch



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*If you are using Batch to clean your database against more than one dataset, DataPlus information cannot be configured.*

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This section details the information relevant to using Batch with the United Kingdom with Multiple Residence Additional Dataset.

If your database contains multiple residences, and you have United Kingdom with Multiple Residence data, Batch can use this extra information to increase the likelihood of obtaining a match.

If your input field contains more than one address element, you can specify these from the **Multiple Elements** sub-menu. For example, you can specify that the Multiple Residence data elements are stored in the same field as the street address in your input database. The dataset-specific input field types available for GBRMRF data are:

<b>Input Field Type</b>	<b>Expected Address Element</b>
Department	Department
Organisation	Organisation
Sub-building name	Sub-building name
Sub-building number	Sub-building number
Building name	Building name
Building number	Building number

## Dataset-Specific Information Bits

This section contains details on GBRMRF-Specific Information Bits.

When using GBRMRF-specific data a selection of dataset information bits can be returned.

- For Standalone users, GBRMRF-specific information bits are returned as the first 8 digits of the 16-digit extended match result as displayed in Interactive.
- For API users, these are returned by the function **QABatchWV\_GetMatchInfo** as parameter *riCountryInfo1*, and from the function **QABatchWV\_Clean** in the parameter *rsReturnCode* from the 13th to 20th characters. Refer to the QAS Batch manual for further information about these functions.

The following table provides a full list of GBRMRF-specific information bits that can be returned.

Information Bit	Description
00001000	Building number corrected (for example, a single premises number corrected to a range)
00002000	Building name amended
00004000	Sub-building number corrected (for example, a single premises number corrected to a range)
00008000	Sub-building name amended
00000100	Organisation name altered
00000200	Organisation name matched to reference initials
00000400	Organisation department name added or changed

## Search Examples: Batch Interactive

For information about the best methods for searching on United Kingdom With Multiple Residence data using Batch Interactive please refer to Typedown search examples on page 7 and Single Line search examples on page 8.

