

BRITISH STANDARD

Spatial datasets for geographical referencing –

Part 5: Specification for a delivery point gazetteer

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BSi
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Summary of pages

This document comprises a front cover, an inside front cover, pages i to iii, pages 1 to 15, an inside back cover and a back cover.

Foreword

Publishing information

This part of BS 7666 was published by BSI and came into effect on 28 July 2006. It was prepared by Technical Committee IST/36, Geographic information. A list of organizations represented on this committee can be obtained on request to its secretary.

Information about this document

BS 7666 was originally published over the period 1994 to 1996 in four parts.

These four parts were revised separately over the period 2000 to 2002. During 2004 to 2005, all the parts were revised together. A new Part 0: *General model for gazetteers and spatial referencing* been added. This provides a common structure for gazetteers of any class of geographic object.

BS 7666 now comprises the following parts:

- *Part 0: General model for gazetteers and spatial referencing;*
- *Part 1: Specification for a street gazetteer;*
- *Part 2: Specification for a land and property gazetteer;*
- *Part 5: Specification for a delivery point gazetteer.*

These parts supersede BS 7666-1:2000, BS 7666-2:2000, BS 7666-3:2000 and BS 7666-4:2002. The new Part 0 has subsumed *Part 3: Specification for addresses*. Part 1 has subsumed *Part 4: Specification for recording public rights of way* but in other respects is similar in scope to that published previously. The scope of Part 2 is largely unchanged. Part 5 is new in scope.

Parts BS 7666-1:2000, BS 7666-2:2000, BS 7666-3:2000 and BS-7666-4:2002 are now withdrawn. Thus Parts 3 and 4 will not form part of the standard. This part has been numbered Part 5 to avoid any confusion with the withdrawn standards.

This part is new and provides a specification for a gazetteer of delivery points. It defines a delivery address, which is different from the geographic address defined in Part 0 of this Standard, in that it is a set of routing instructions, based upon the organizational structure of the delivery service organization rather than the actual real-world geography. It is applicable to a range of delivery and collection services, and not only mail.

Presentational conventions

The provisions of this standard are presented in roman (i.e. upright) type. Its requirements are expressed in sentences in which the principal auxiliary verb is “shall”.

Commentary, explanation and general informative material is presented in smaller italic type, and does not constitute a normative element.

Contractual and legal considerations

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

Introduction

This part of BS 7666 is designed to facilitate the creation and maintenance of delivery point gazetteers of varying scope, from specialist interest in a restricted area to universal coverage for general use. It has been designed in the expectation that such gazetteers will increasingly need to be matched, merged and cross-referenced in order to promote access to, and sharing of, delivery point data.

A key design principle is that the application of this part of the standard, in conjunction with the other parts of BS 7666, will help to establish a common set of identifiers for use across a range of applications.

1 Scope

This part of BS 7666 specifies the logical data structure and data content for a gazetteer of delivery points, for purposes of identification, access and validation of service requests. It does not provide a database design or a transfer format. It provides a method of referencing delivery points by means of unique references and descriptive delivery addresses.

This part of BS 7666 is for use by suppliers of delivery and collection services, such as distribution organizations. It facilitates data sharing to enable the provision of collaborative services, and provides a consistency of references for analysis and planning purposes.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the reference cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

BS 7666-0, *Spatial datasets for geographical referencing — Part 0: General model for gazetteers and spatial referencing*

BS ISO 8601, *Data elements and interchange formats — Information interchange — Representation of dates and times*

BS ISO 639-2, *Codes for the representation of names of languages — Part 2: Alpha-3 code*

3 Terms and definitions

For the purposes of this part of BS 7666, the terms and definitions given in BS 7666-0 and the following apply.

3.1 delivery point

point to which a service is delivered on a regular basis

NOTE Examples of delivery points are buildings receiving mail or deliveries from couriers, industrial and commercial sites receiving deliveries of goods and buildings receiving waste collection services.

4 Delivery point gazetteer requirements

A delivery point gazetteer shall be a gazetteer as defined in Part 0 of this standard. Delivery points recorded in the gazetteer shall be locations as defined in Part 0 of this standard. These are shown in Figure 1.