

# Universal Decimal Classification —

Second English full edition —  
FID publication no. 483 —

UDC 654 Telecommunication and  
telecontrol (organization, services)

UDC 025.45:654

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW



Document Sharing Hub

# Committees responsible for this British Standard

This British Standard was published under the direction of the Documentation Standards Committee DOS/-. Its preparation was entrusted to Technical Committee DOS/3 upon which the following bodies were represented:

- Aslib
- Association of British Library and Information Studies Schools
- British Library (Bibliographic Services Division)
- British Library (Science Reference Library)
- British Museum (Natural History)
- Chemical Industries Association
- Classification Research Group
- Cranfield Institute of Technology
- Department of the Environment (PSA)
- Ealing College of Higher Education
- Engineering Equipment Users Association
- Institute of Information Scientists
- Institution of Electrical Engineers
- Library Association
- Polytechnic of Central London
- Polytechnic of North London
- Polytechnic of the South Bank
- Royal Institution of Chartered Surveyors
- Science Museum Library
- Standing Conference of National and University Libraries
- United Kingdom Atomic Energy Authority
- University College London, School of Library Archive and Information Studies
- Coopted members

This British Standard, having been prepared under the direction of the Documentation Standards Committee, was published under the authority of the Board of BSI and comes into effect on 29 April 1983

© BSI 01-2000

First published June 1969  
First revision April 1983

The following BSI reference relates to the work on this standard:  
Committee reference DOS/3

ISBN 0 580 11964 5

## Amendments issued since publication

| Amd. No. | Date of issue | Comments |
|----------|---------------|----------|
|          |               |          |
|          |               |          |
|          |               |          |
|          |               |          |

# Contents

|                                                                                    | Page               |
|------------------------------------------------------------------------------------|--------------------|
| Committees responsible                                                             | Inside front cover |
| Foreword                                                                           | ii                 |
| Scope                                                                              | 1                  |
| Related subjects                                                                   | 1                  |
| Auxiliary signs and subdivisions                                                   | 1                  |
| Typographic presentation                                                           | 1                  |
| Schedule                                                                           |                    |
| Special auxiliary subdivisions                                                     | 2                  |
| 654.01 General organization                                                        | 2                  |
| 654.02 Communication routes, services and special characteristics                  | 2                  |
| 654.03 Tariffs. Charges                                                            | 2                  |
| 654.04 Disruptions. Delays. Difficulties. Liability                                | 2                  |
| 654.05 Signals. Calls                                                              | 2                  |
| 654.06 Auxiliary facilities, e.g. time service                                     | 2                  |
| 654.07 Administration. Management                                                  | 2                  |
| 654.09 Other matters                                                               | 2                  |
| Principal divisions                                                                | 3                  |
| 654.1 Telegraphy. Telephony. Radio. Television                                     | 3                  |
| 654.9 Signalling. Various telecommunication services. Remote control (telecontrol) | 3                  |
| Alphabetical subject index                                                         | 5                  |
| Related BSI publications                                                           | Inside back cover  |

## Foreword

The English version of the Universal Decimal Classification (UDC) is being prepared and published as BS 1000 by the British Standards Institution (BSI) at the original joint request of the British Society for International Bibliography (BSIB) and the Association of Special Libraries and Information Bureaux (ASLIB), now amalgamated as Aslib. It has the approval of the Lake Placid Education Foundation, New York, proprietors of the Dewey Decimal Classification, from which the UDC derives. The English full edition of the UDC is authorized by the International Federation for Documentation (FID), PO Box 90402, 2509 LK, The Hague, Netherlands.

This section is part of the English full edition. It should be used in conjunction with the Abridged English Edition, BS 1000A, which refers to many other subjects of interest not listed in this schedule, and provides a conspectus of the whole scheme, together with an introduction to its use. For further practical, information about the principles, application and utilization of the scheme, users should refer to BS 1000C.

This edition of BS 1000[654], which supersedes the 1969 edition, includes modifications authorized in “Extensions and Corrections to the UDC” (FID publication no. 248) up to and including Series 11, No. 2, dated April 1982. Subsequent issues of “Extensions and Corrections to the UDC” should be consulted to keep the schedule up to date. British Standards related to this Part of BS 1000 are listed on the inside back cover.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

**Compliance with a British Standard does not of itself confer immunity from legal obligations.**

### Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 10, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

## Scope

Under 654 is classed information about telecommunication (including telegraphy, telephony, radio, television, signalling and remote control) from the point of view of its organization and services. Technical matters relating to electrical communication, including details of equipment, are classed under 621.39. Postal services come under 656.8.

## Related subjects

- 338.47 Economics of traffic and communications.  
Economic aspects of communications media.  
Transport policy
- 347.83 Law of the ether. Broadcasting law
- 351.817 Telecommunications: public administration and control
- 354.42 Ministry of posts. Ministry of posts and telecommunications
- 355.343.1 Signallers. Communications staff — Organization of armed forces
- 355.424.3 Various means of communication.  
Telephony. Telegraphy. Communication links and transmissions — War operations
- 356.251 Intelligence. Information services — Army staff
- 389.2 Standard time. Time signals
- 621.39 Telecommunications. Telecontrol — Electrical engineering
- 627.72 Nautical signalling. Weather signals. Shore communication
- 628.975 Signal lighting. Warning lighting. Direction-sign lighting — Illuminating engineering
- 629.1.018 Observation, indicating, warning equipment.  
Signals — Transport vehicle engineering
- 656.05 Traffic. Traffic signs. Signals
- 656.8 Postal services and administration

## Auxiliary signs and subdivisions

Full information about the common and special auxiliary signs and subdivisions (often abbreviated to “common and special auxiliaries”) will be found in BS 1000A and BS 1000C.

**Colon sign of relation.** For the classification of information for the public, as in abstracts and bibliographies, maximum use of colon combination rather than of common or special auxiliaries is recommended. The use of the colon sign of relation is preferable for multiple entry systems, as it will help prevent the concealment of information. This usually results in longer notation, however, and for information for more restricted use, the application of auxiliaries, where available, may be simpler and more convenient provided that there is an adequate alphabetical subject index.

**Common auxiliaries.** The common auxiliaries of language = . . . , form (0 . . . ), place (1/9), race and nationality (= . . . ), time “. . . ”, point of view .00 . . . , materials –03 . . . and persons –05 . . . are applicable throughout the UDC. However, they should be used mainly to express concepts not otherwise provided for in the schedules.

**Special auxiliaries.** The –1/–8 special auxiliaries listed under 62 and the –9 special auxiliaries listed under 66 are applicable throughout the schedule.

The .0 special auxiliaries listed under 654 (and which may be further subdivided as 656.0) may be detached and applied to any subdivision of 654 where the result forms a meaningful combination, e.g.

654.028.3 Codes

654.165 Radiotelephony

654.165.028.3 Radiotelephony codes

## Typographic presentation

Small type is used for cancelled numbers and text. The arrow → means either “see” or “see also” according to the context. The symbol ≅ “subdivide as” means that the number preceding it may be subdivided in the same way as, and with meanings analogous to the subdivisions of, the number which follows it.