ED 302 254   IR 052 591

AUTHOR   Maxfield, Sandy, Ed.; Kabus, Karl, Ed.
TITLE   Using Quick Search.
INSTITUTION   Houston Univ., Tex. Libraries.
PUB DATE   18 Aug 88
NOTE   33p.; For related items from the University of
              Houston Library Instruction Program, see IR 052
              588-590.
PUB TYPE   Guides - Classroom Use - Materials (For Learner)
              (051)

EDRS PRICE   MF01/PC02 Plus Postage.
DESCRIPTORS   *Academic Libraries; Access to Information;
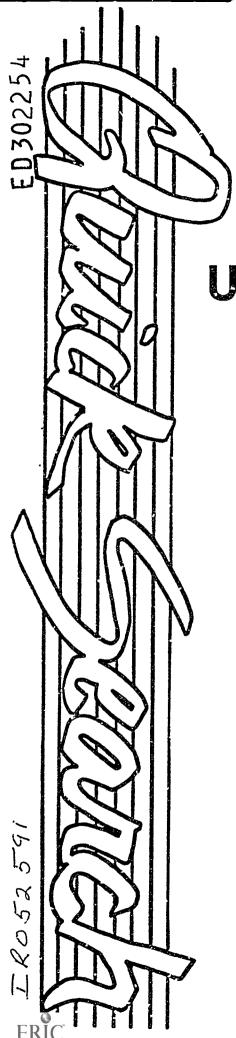   *Databases; Guidelines; Higher Education;
              *Information Retrieval; Information Seeking;
              *Information Systems; Inquiry; *Library Services;
              Optical Data Disks; *Search Strategies; Users
              (Information); Worksheets
IDENTIFIERS   BRS After Dark; *Gateway Systems; Knowledge Index

ABSTRACT

        This document is a guide to the use of Quick Search,
a library service that provides access to more than 100 databases
which contain references to journal articles and other research
materials through two commercial systems--BRS After/Dark and DIALOG's
Knowledge Index. The guide is divided into five sections: (1) Using
Quick Search; (2) The Databases (choosing an appropriate database);
(3) The Basics (search steps and commands); (4) Terms and Connectors
(choosing subject search terms; fine tuning your search terms;
choosing connectors to link concepts; writing out your search
strategy; and using non-subject search terms); and (5) The Search
(doing the search and printing results). Four appendixes are
provided: Sample Searches; Databases; Command Summaries; and Sources
for Further Reading. Quick Search strategy worksheets are included
for use while reading the manual. (CGD)

USING QUICK SEARCH

M.D. Anderson Library
University of Houston

BEST COPY AVAILABLE

●●

USING QUICK SEARCH

●●

EDITORS

Sandy Maxfield

Karl Kabus

CONTRIBUTORS

William J. Jackson

Karl Kabus

Cathy LoPiccolo

Sandy Maxfield

PRODUCTION

Karl Kabus

August 18, 1988

University of Houston - M. D. Anderson Library

TABLE OF CONTENTS

WHAT IS QUICK SEARCH?

Quick Search is a library service that gives you online access to more than 100 databases. Most databases contain references to journal articles and other research materials in a subject area. Using a few simple commands, you can specify search terms that describe a topic and retrieve references that contain the search terms.

There are two commercial systems available through Quick Search: BRS/After Dark and Knowledge Index. The two systems offer different selections of databases and use different commands, but the intellectual process of planning a search strategy will be the same for either system.

HOW TO USE THIS GUIDE

The key to successful database searching is thinking through and writing out a search strategy before sitting down at the computer. Use one of the worksheets found in the back of this manual to write out your search strategy as you read this guide.

This guide will help you:

1. Choose an appropriate database to search.

2. Understand Knowledge Index and BRS/After Dark system commands.

3. Choose appropriate search terms to describe your topic.

Some topics are not appropriate for Quick Search. The staff at the Reference/Information Desk, 1st Floor Red Wing, can save you time and money by discussing your topic with you before you begin. There will also be a Student Monitor at the Quick Search computers who can help you with the mechanics of using the computer and the system commands.

1

CHOOSING AN APPROPRIATE DATABASE

Look at the database descriptions in Appendix B and choose one or more databases that seem appropriate for your topic.

NOTE: The Library has some databases available on CD-ROM. (There will be a note in the database description if a CD-ROM version is available.) It is much cheaper to use CD-ROM than to search the same database online through Quick Search.

Notice that some databases are available both through BRS After/Dark and through Knowledge Index. You may choose either system.

Not all questions can be answered using an online database. Consult the staff at the Reference/Information Desk if you are not sure whether there is a database appropriate for your topic.

ADDITIONAL DATABASE INFORMATION

Detailed information sheets about each database are available at the Reference/Information Desk. The information sheets will sample records from the database and list all of the searchable fields in the records.

2

BASIC SEARCH STEPS

There are four basic steps you will follow in doing a database search:

1. Tell the system which database you want to search.

2. Tell the system which search terms to look for in the database. The system will respond by telling you how many references it finds that contain the search terms. If there are too many or too few references, you can try a different combination of search terms.

3. When you have identified a relevant set of references, tell the system to print the references.

4. Disconnect from the system.

BASIC COMMAND SUMMARY

The following chart is an abbreviated list of commands. See Appendix C for a complete summary of system commands. See Appendix A for examples of how these commands are used in a search. The staff at the Reference/Information Desk and the Quick Search Monitor can assist you with system commands.

BRS/AFTER DARK COMMAND	KNOWLEDGE INDEX COMMAND	COMMAND FUNCTION
C or CHANGE	B or BEGIN	Choose which database to search. You will specify a database label.
S or SEARCH	F or FIND	Tell the system wich search te.ms to look for. The system will respond by telling you how many references it finds containing the search terms.
PC or PRINT	T or TYPE	Display the references that the system has found.
O or OFF	LOGOFF	Disconnect from the system.

3

7

CHOOSING SUBJECT SEARCH TERMS

Planning a search strategy is essential to successful database searching. Blank worksheets are provided in the back of this guide for you to plan your own search strategy. This section will help you with one of the most important parts of database searching--selecting appropriate search terms.

STATING YOUR TOPIC

Write down what you want to know. Examples:

> Do salary increases affect employee productivity?
> Coffee consumption and cancer.
> Superconductor research on magnetic levitation in vehicles.

IDENTIFYING THE CONCEPTS IN YOUR TOPIC

Look at your statement or question and identify the major concepts.

> Do <u>salary increases</u> affect employee <u>productivity</u>?
>
> <u>Coffee</u> consumption and <u>cancer</u>.
>
> <u>Superconductor</u> research on <u>magnetic levitation</u> in <u>vehicles</u>.

If you find that you have four or more concepts, discuss your topic with the staff at the Reference/Information Desk.

CHOOSING SEARCH TERMS FOR EACH CONCEPT

Some databases have a thesaurus available to help you choose search terms. A thesaurus can be a very helpful tool in choosing synonyms. The location of the thesaurus will be noted in the database description in Appendix B.

List synonyms or other acceptable words for each concept. Some concepts will have many alternative words or phrases; others can be described using only one term. List the singular and plural forms of words separately. Examples:

<u>CONCEPT 1</u>	<u>CONCEPT 2</u>	<u>CONCEPT 3</u>
superconductors	magnetic levitation	vehicles
superconductor	maglev	vehicle
superconducting		transportation
superconductivity		

FINE TUNING YOUR SEARCH TERMS

TRUNCATION

Are there several terms that begin with the same stem? For example,
superconductors, superconductor, superconducting, and superconductivity all
begin with the stem superconduct. You may specify that you want any word
beginning with that stem by truncating. In BRS/After Dark, truncation is
indicated by typing a "$" at the end of the stem; in Knowledge Index a "?" is
used.

> In BRS/After Dark, type: superconduct$
> vehicle$

> In Knowledge Index, type: superconduct?
> vehicle?

LIMITING TERMS TO A SPECIFIC FIELD

Is there a fairly common term in your list that may result in too many
references? Unless you tell it otherwise, the computer will look for the
search terms in the title field, the abstract field, the subject descriptor field,
and perhaps other parts of references.

You may specify that the term must appear in the title or the descriptor (or
some other specific portion of the citation). This is known as field
qualification.

Field qualification is done by attaching a two-letter code to the end of the
term. The codes are logical (ti for title, de for descriptor, ab for abstract,
etc.) and are listed on the database information sheets, available at the
Reference/Information Desk.

For example, you can limit the search term vehicle to only the title and
descriptor fields. The abstract field will not be searched.

> In BRS/After Dark, type :   vehicle$.ti,de.

> In Knowledge Index, type: vehicle?/ti,de

WORD PROXIMITY

Are there terms that consist of two words that need to be near each other,
but not necessarily side by side or in a specific order? For example,
consumption of coffee works just as well as coffee consumption. Share of the
market would be just as helpful as market share.

BRS/After Dark lets you specify that two words must be in the same sentence, in any order, by typing the word with between the two words. For example, coffee with consumption or market with share.

Knowledge Index does not allow you to specify word proximity. If you have a phrase that may be expressed several ways, connect the key words with the AND connector as described in the next section. For example, coffee and consumption or market and share.

CHOOSING CONNECTORS TO LINK CONCEPTS

Use the connector OR to link synonyms and similar terms. For example:

> vehicle or transportation

> caffeine or coffee

Use the connector AND to link different concepts. For example:

> coffee and cancer

> (vehicle or transportation) and magnetic levitation

Notice that the terms being connected with OR are surrounded by parentheses if there are other connectors in the same line.

The connector NOT is also available. You will use it primarily when doing more than one search at a time to tell the computer not to repeat what you have already seen.

WRITING OUT YOUR SEARCH STRATEGY

Using the worksheet found in the back of this manual, write down a final plan of action--your search strategy.

The sample searches in Appendix A include a completed worksheet to illustrate how the strategy was constructed.

USING NON-SUBJECT SEARCH TERMS: AUTHORS, LANGUAGE, YEARS, SOURCE, ETC.

Some of the sample searches in Appendix A illustrate techniques for searching non-subject aspects such as authors, language, publication years, and journal names. The database information sheets available at the Reference/Information Desk will give more detail about the searching possibilities for each database.

6

DOING THE SEARCH

Actually doing the database search is the easiest part if you have prepared a strategy ahead of time. The sample searches on the following pages illustrate typical search techniques on both the BRS/After Dark and Knowledge Index systems.

SET NUMBERS

Notice in the sample searches that results of search questions are assigned set numbers. Those set numbers can be used as search terms in subsequent search questions--it is not necessary to retype the words.

PRINTING YOUR SEARCH RESULTS

Notice how the print commands are used in the sample searches. You must specify a set number, a print format, and a range of references to be printed from the set. For each database, the print format definitions will be on the database information pages available at the Reference/Information Desk.

The print format names have different meanings in BRS/After Dark and in Knowledge Index. The following chart summarizes the typical formats in each system.

BRS FORMAT	KI FORMAT	TYPICAL FIELDS INCLUDED
TITLE	SHORT	Titles only. This format does not give enough information to identify the reference. Good for previewing the references to check for relevancy.
SHORT	MEDIUM	Author, title and source. This format gives enough information to identify the references. It prints out quickly.
MEDIUM	(none)	Author, title, source, and descriptors. This format gives enough information to identify references and may suggest alternate terms to search.
LONG	LONG	Complete information, including author, title, source, abstract and descriptors. This format takes longest to print out.

SAMPLE SEARCH STRATEGY

Quick Search   STRATEGY WORKSHEET

SEARCH TOPIC _Superconductor research on magnetic levitation in vehicles_

RELEVANT DATABASES _ENGI1 (Knowledge Index)_

MAJOR CONCEPTS

	concept 1	concept 2	concept 3
S	Superconductors	magnetic levitation	vehicle
E			
A	Superconductor	maglev	vehicles
R	Superconducting		transportation
C			
H	Superconductivity		

TERMS

SEARCH SETS

1 find superconduct?

2 find maglev or magnetic levitation

3 find vehicle? or transportation

4 find S1 and S2 and S3

5

SAMPLE SUBJECT SEARCH ON KNOWLEDGE INDEX
The commands you would enter are highlighted.

1. The "?" prompt tells you that the computer is ready for instructions.

```
? begin engii
```

2. Tell computer to "begin" in the database you wish to search.

```
Now in ENGINEERING (ENGI) Section (ENGI1) Database
COMPENDEX PLUS - 70-88/MAY
COPR.  ENGINEERING INFO INC.  1988)
? find superconduct?
```

3. Database response.

```
     S1    18435  SUPERCONDUCT?
```

```
? find maglev or magnetic levitation
```

4. Use the "Find" command to enter term(s) for your first concept. The truncation symbol "?" is used to allow for variant forms of the word "superconductors."

```
           255  MAGLEV
         87905  MAGNETIC
          1235  LEVITATION
           847  MAGNETIC LEVITATION
     S2    897  MAGLEV OR MAGNETIC LEVITATION
```

```
? find vehicle? or transportation
```

```
         34304  VEHICLE?
         25275  TRANSPORTATION
     S3  55941  VEHICLE? OR TRANSPORTATION
```

5. Enter term(s) for second concept.

```
? find s1 and s2 and s3
```

```
         18435  S1
           892  S2
         55941  S3
     S4    113  S1 AND S2 AND S3
```

6. Enter term(s) for third concept.

```
? type s4/medium/1-3
```

```
     TYPE 4/M/1
```

7. Combine results of the three search statements by using the answer set numbers.

```
02574277   Monthly No: EI8805049211
  SUPERCONDUCTORS - NEAR-TERM APPLICATIONS AND MARKETS.
  Miska, Kurt H.
  Business Communications Co
  Source: Journal of Metals v 40 n 1 Jan 1988 p 14-15
  Publication Year: 1988
  CODEN: JOMTAA    ISSN: 0022-2674
```

```
     TYPE 4/M/2
```

8. Tell the computer to display the results in the format you want (here we use the medium format.)

```
02515378  Monthly No: EI8802017565
  MAGLEV APPROACHES TOWARD PRACTICAL USE.
  Tanaka, Hisashi
  Railway Technical Research Inst, Jpn
  Source: Japanese Railway Engineering v 27 n 1 Jan 1987 p 2-6
  Publication Year: 1987
  CODEN: JAREBT   ISSN: 0448-8938
```

```
     TYPE 4/M/3
```

9. Enter the command "logoff" to exit the system.

```
0229865  Monthly No: EI8708081335
  ON THE FORCES DEVELOPED DURING OSCILLATIONS OF AN ELECTRODYNAMIC SUSPENSION.
  Kochetkov, V. M.; Matin, V. I.
  Source: Power Engineering (New York) (English Translation  of Izvestiy
Akademii Nauk SSSR. Energetika i Transport) v 24 n 6 1986 p 147-150
  Publication Year: 1986
  CODEN: POENDL   ISSN: 0160-5216
```

```
? logoff
```

9

SAMPLE SUBJECT SEARCH ON BRS/AFTER DARK
The commands you would enter are highlighted.

1. Enter four-letter label for database to be searched.

2. Press ENTER to begin searching.

ENTER LIBRARY OR DATABASE LABEL--> insp

ENTER Y TO DISPLAY DATABASE DESCRIPTION OR
PRESS ENTER TO BEGIN SEARCHING-->

3. Enter term(s) for first concept the "$" is used to allow for variant forms of the word "superconductors."

BRS/AFTER DARK   INSP   INSPEC 1977 - JUN 1988
ENTER SEARCH TERMS, COMMAND, OR H FOR HELP
SEARCH 1--> superconduct$

ANSWER 1   27,044 DOCUMENTS FOUND

4. Enter terms(s) for second concept.

ENTER SEARCH TERMS, COMMAND, OR H FOR HELP
SEARCH 2--> maglev or magnetic levitation

ANSWER 2   901   DOCUMENTS FOUND

5. Enter terms(s) for third concept.

ENTER SEARCH TERMS, COMMAND, OR H FOR HELP
SEARCH 3--> vehicle$ or transportation

ANSWER 3   21,108 DOCUMENTS FOUND

6. Combine results of the three search statements by using the answer set numbers.

ENTER SEARCH TERMS, COMMAND, OR H FOR HELP
SEARCH 4--> 1 and 2 and 3 .

ANSWER 4   67 DOCUMENTS FOUND

7. Tell the computer to print the results.

ENTER SEARCH TERMS, COMMAND, OR H FOR HELP
SEARCH 5--> pc
ENTER ANSWER NUMBER-->4
ENTER TI (TITLE ONLY), S (SHORT FORMAT), M (MEDIUM FORMAT), L (LONG FORMAT)
TD (TAILORED DISPLAY)--> s
ENTER DOCUMENT NUMBERS--> 1-2

```
      1
AN B87079030. 8712.
AU Barwell-F-T.
TI The development of high-speed guided transport. II.
SO Electr. Veh. Dev. (GB). vol 6, no 2, pp. 46-9, 12 refs. April 1987.
YR 1987.

      2
AN B87072508. 8711.
AU Nakashima-H.
TI The cryogenic system of a superconducting magnetically levitating
   vehicle.
SO Refrigeration (Japan), vol 62, no 713, pp. 300-6, 7 refs.  1987.
YR 1987.
-END OF DISPLAY REQUEST-

RETURNING TO SEARCH
ENTER SEARCH TERMS, COMMAND, OR H FOR HELP
```

8. Enter the command "o" to exit the system.

SEARCH 5--> o

10

SAMPLE AUTHOR AND PUBLICATION YEAR SEARCH ON KNOWLEDGE INDEX
The commands you would enter are highlighted.

1. Database is selected.

```
? begin econl

Now in ECONOMICS (ECON) Section (ECON1) Database
ECONOMICS LITERATURE INDEX-1969-87/DEC
? expand au=galbraith, john
```

2. The "Expand" command is used to look at the index; this allows all forms of the name to be found. The author's name is preceded by the "AU=" prefix.

```
Ref    Items   Index-term
E1       3     AU=GALBRAITH, JAMES K.
E2       2     AU=GALBRAITH, JAY R.
E3       0     AU=GALBRAITH, JOHN
E4      32     AU=GALBRAITH, JOHN KENNETH
E5       1     AU=GALBRAITH, JOHN S.
E6       2     AU=GALBRAITH, KARL D.
E7       1     AU=GALBRAITH, OLIVER, III
E8       1     AU=GALBRAITH, RICHARD A.
E9       1     AU=GALCHUS, KENNETH E.
E10      1     AU=GALE, B. T.
E11      2     AU=GALE, BRADELY T.
E12      1     AU=GALE, D.
```

3. The reference number that matches is selected. More than one number can be selcted if appropriate. Use dashes for continuous numbers (e5-e7) or commas for separated numbers (e2,e5,e7-e9).

```
              For more, enter PAGE
? find e4

      S1     32  AU=GALBRAITH, JOHN KENNETH
```

4. The search is limited to just those documents in 1980-1985. To limit by year, combine the answer set and the prefix "PY=" followed by the first year, a colon, and the last year.

```
? find s1 and py=1980:1985

          32  S1
        6640  PY=1980 : PY=1985

      S2      7  S1 AND PY=1980:1985
? type s3/medium/1-2
```

5. The computer is instructed to print the results.

```
         TYPE 3/M/1
197607
The Dependence Effect
 Galbraith, John Kenneth
 1983, 1958, 425-30
 In: Business Ethics: Corporate Values and Society. Snoeyenbos, Milton;
   Almeder, Robert and Humber, James eds. Buffalo: Prometheus Books, 1983.

         TYPE 3/M/2
195204
Historical Process and the Rich
 Galbraith, John Kenneth
 1983, 65-82
 In: The Voice of the Poor: Essays in Economic and Political Persuasion.
   Galbraith, John Kenneth. Cambridge, Mass., and London: Harvard University
   Press, 1983.

? logoff
```

6. Enter the command "logoff" to exit the system.
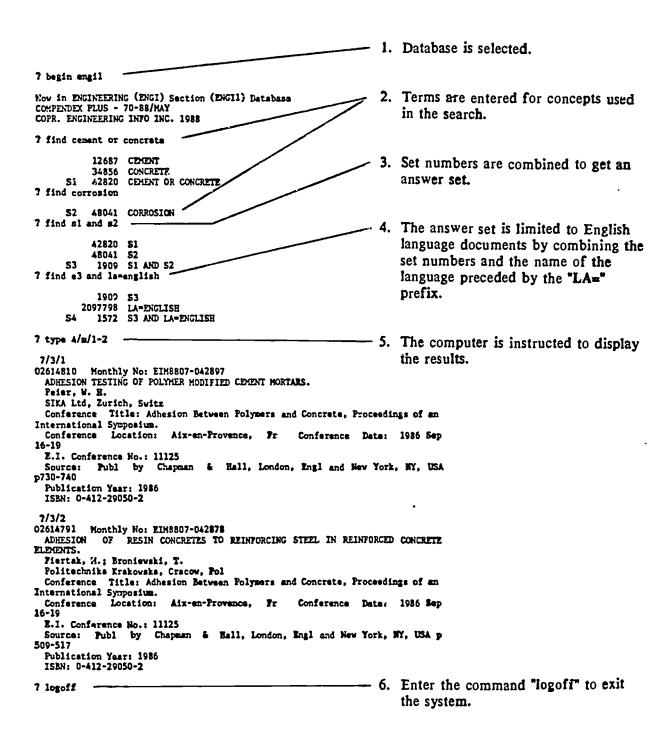
SAMPLE AUTHOR AND PUBLICATION YEAR SEARCH ON BRS/AFTER DARK
The commands you would enter are highlighted.

ENTER LABEL OR PRESS ENTER FOR MORE--> maga

    MAGS   AUG 1988

    ENTER Y TO DISPLAY DATABASE DESCRIPTION OR
    PRESS ENTER TO BEGIN SEARCHING-->

ENTER SEARCH TERMS, COMMAND, OR H FOR HELP
SEARCH 1--> st

ENTER WORD STEM: safire-w

R1   SAFIRE-WILLIAM   2 DOCUMENTS
R2   SAFIRE-WILLIAM   548 DOCUMENTS
R3   SAFIRE-WILLIAM-L   3 DOCUMENTS

-END OF R-NUMBER LIST-
ENTER R-NUMBERS OF TERMS TO BE INCLUDED IN YOUR SEARCH (E.G. R1 OR R1,R5 OR
R2-R5) OR ENTER 'DONE'--> r1-r3

ANSWER 1   553 DOCUMENTS FOUND

ENTER SEARCH TERMS, COMMAND, OR H FOR HELP
SEARCH 2--> 1 and 8502$.pd.

ANSWER 2   3 DOCUMENTS FOUND

ENTER SEARCH TERMS, COMMAND, OR H FOR HELP
SEARCH 3--> pc

ENTER ANSWER NUMBER-->2

ENTER TI (TITLE ONLY), S (SHORT FORMAT), M (MEDIUM FORMAT), L (LONG FORMAT)
TD (TAILORED DISPLAY)--> s

ENTER DOCUMENT NUMBERS--> 1-3

     1
AN 626656. 8509.
TI What lie implies. (column).
AU Safire-William.
SO New York Times Magazine (NYTIA), Feb 17, 1985, p16(2).

     2
AN 626638. 8509.
TI The boffin speaks. (column).
AU Safire-William.
SO New York Times Magazine (NYTIA), Feb 3, 1985, p11(2).

     3
AN 626634. 8509.
TI Vigilante. (column).
AU Safire-William.
SO New York Times Magazine (NYTIA), Feb 10, 1935, p9(2).

END OF DOCUMENTS IN LIST
ENTER SEARCH TERMS, COMMAND, OR H FOR HELP
SEARCH 3--> o

1. Database is selected.

2. Press ENTER to begin searching.

3. The letters "st" tell the computer to display the index; this allow all forms of the name to be found. Enter just as much of the author's name as you are certain of, then pick from the list that is shown.

4. Appropriate names are selected from the list by using the "R" numbers to the left.

5. The search is limited to February of 1985 by combining the answer set with the publication date code followed by ".pd."

6. The computer is instructed to print the results.

7. Enter the command "o" to exit the system.

12

16

SAMPLE SEARCH LIMITING TO ENGLISH LANGUAGE ON KNOWLEDGE INDEX
The commands you would enter are highlighted.

1. Database is selected.

```
? begin engil

Now in ENGINEERING (ENGI) Section (ENGI1) Database
COMPENDEX PLUS - 70-88/MAY
COPR. ENGINEERING INFO INC. 1988
```

2. Terms are entered for concepts used in the search.

```
? find cement or concrete

        12687  CEMENT
        34856  CONCRETE
    S1  42820  CEMENT OR CONCRETE
? find corrosion

    S2  48041  CORROSION
? find s1 and s2
```

3. Set numbers are combined to get an answer set.

```
        42820  S1
        48041  S2
    S3   1909  S1 AND S2
? find s3 and la=english

         1909  S3
      2097798  LA=ENGLISH
    S4   1572  S3 AND LA=ENGLISH
```

4. The answer set is limited to English language documents by combining the set numbers and the name of the language preceded by the "LA=" prefix.

```
? type 4/s/1-2
```

5. The computer is instructed to display the results.

```
7/3/1
02614810  Monthly No: EIM8807-042897
  ADHESION TESTING OF POLYMER MODIFIED CEMENT MORTARS.
  Peier, W. H.
  SIKA Ltd, Zurich, Switz
  Conference  Title: Adhesion Between Polymers and Concrete, Proceedings of an
International Symposium.
  Conference  Location:  Aix-en-Provence,  Fr   Conference  Date:  1986 Sep
16-19
  E.I. Conference No.: 11125
  Source:  Publ  by  Chapman  &  Hall, London, Engl and New York, NY, USA
p730-740
  Publication Year: 1986
  ISBN: 0-412-29050-2

7/3/2
02614791  Monthly No: EIM8807-042878
  ADHESION   OF  RESIN CONCRETES TO REINFORCING STEEL IN REINFORCED CONCRETE
ELEMENTS.
  Piertak, H.; Broniewski, T.
  Politechnika Krakowska, Cracow, Pol
  Conference  Title: Adhesion Between Polymers and Concrete, Proceedings of an
International Symposium.
  Conference  Location:  Aix-en-Provence,  Fr   Conference  Date:  1986 Sep
16-19
  E.I. Conference No.: 11125
  Source:  Publ  by  Chapman  &  Hall, London, Engl and New York, NY, USA p
509-517
  Publication Year: 1986
  ISBN: 0-412-29050-2

? logoff
```

6. Enter the command "logoff" to exit the system.

13

SAMPLE SEARCH LIMITING TO ENGLISH LANGUAGE ON BRS/AFTER DARK
The commands you would enter are highlighted.

ENTER DATABASE LABEL--> biol

  BIOL BIOSIS PREVIEWS 78-8/88

  ENTER Y TO DISPLAY DATABASE DESCRIPTION OR
  PRESS ENTER TO BEGIN SEARCHING-->

ENTER SEARCH TERMS, COMMAND, OR H FOR HELP
SEARCH 1--> iq or intelligence quotient

ANSWER 1 2,169 DOCUMENTS FOUND

ENTER SEARCH TERMS, COMMAND, OR H FOR HELP
SEARCH 2--> diet.ti. or nutrition$.ti.

ANSWER 2 26,322 DOCUMENTS FOUND

ENTER SEARCH TERMS, COMMAND, OR H FOR HELP
SEARCH 3--> 1 and 2

ANSWER 3 30 DOCUMENTS FOUND

ENTER SEARCH TERMS, COMMAND, OR H FOR HELP
SEARCH 4--> 3 and en.lg.

ANSWER 4 30 DOCUMENTS FOUND

ENTER SEARCH TERMS, COMMAND, OR H FOR HELP
SEARCH 5--> p

ENTER ANSWER NUMBER--> 4

  ENTER TI (TITLE ONLY), S (SHORT FORMAT), M (MEDIUM FORMAT),
  L (LONG FORMAT), TD (TAILORED DISPLAY) --> s

ENTER DOCUMENT NUMBERS--> 1-3

   1
AN 34049248. 8803.
AU JOHNSTON-F-E. LOW-S-M. DE-BAESSA-Y. MACVEAH-R-B.
TI INTERACTION OF NUTRITIONAL AND SOCIOECONOMIC STATUS AS
  DETERMINANTS OF COGNITIVE DEVELOPMENT IN DISADVANTAGED URBAN GUATEMALAN
  CHILDREN.
SO SYMPOSIUM ON CHILDHOOD NUTRITION AND GROWTH AND DEVELOPMENT
  HELD AT THE 55TH ANNUAL MEETING OF THE AMERICAN ASSOCIATION OF
  PHYSICAL ANTHROPOLOGISTS, ALBUQUERQUE, NEW MEXICO, USA, APRIL 1986.
  AM J PHYS ANTHROPOL. 73 (4). 1987. 501-506.

   2
AN 34014320. 8801.
AU HAUGHTEN-E-R. KIELY-B. SAUL-I. MURPHY-D.
TI PHENYLKETONURIA OUTCOME AND PROBLEMS IN A DIET-FOR-LIFE CLINIC.
SO EUR J PEDIATR. 146 (SUPPL. 1). 1987. A23-A24.

   3
AN 34014318. 8801.
AU KOCH-R. AZEN-C-G. FIRST-N. FRIEDMAN-E-G. FISHLER-K.
TI THE EFFECTS OF DIET DISCONTINUATION IN CHILDREN WITH PHENYLKETONURIA.
SO EUR J PEDIATR. 146 (SUPPL. 1). 1987. A12-A16.

-END OF DISPLAY REQUEST-
RETURNING TO SEARCH
ENTER SEARCH TERMS, COMMAND, OR H FOR HELP
SEARCH 5--> o

1. Database is selected.

2. Press ENTER to begin searching.

3. Terms are entered for concepts used in the search.

4. Set numbers are combined to get an answer set.

5. The answer set is limited to English language documents by typing the two-letter code for English followed by ".lg.".

6. The computer is instructed to print the results.

7. Enter the command "o" to exit the system.

14

QUICK SEARCH DATABASES

This appendix gives short descriptions of the most commonly used Quick Search databases. There are detailed database description sheets available for all Quick Search databases at the Reference/Information Desk.

The databases in this appendix are grouped by the following subject areas:

If you are not sure which database is nost appropriate for you topic, consult the staff at the Reference/Information Desk.

BUSINESS

ABI/Inform   BRS Label: INFO
    1971-Date   Monthly Updates   KI Label: BUSI1

Available for searching on CD-ROM.

The thesaurus is located on Index Table 4.

ABI/Inform covers virtually every aspect of business. Abstracts of the
principal articles appearing in more than 600 business and management
periodicals are included. There is no printed equivalent of ABI/Inform.

Economic Literature Index   KI Label: ECON1
    1969-Date   Quarterly Updates

The Economic Literature Index cites articles from 260 economic journals and
approximately 200 books per year. Nearly 25% of the records include abs-
tracts. The database corresponds to the index section of the Journal of
Economic Literature and to the annual Index of Economic Articles, available on
Index Table 4.

Management Contents   BRS Label: MGMT
    1974-Date   Monthly Updates

Management Contents contains abstracts on all aspects of business management.
Citations from over 500 journals are included, in addition to proceedings, books
and course materials.

Trade and Industry Index   KI Label: BUSI2
    1981-Date   Monthly Updates

Trade and Industry Index contains citations from over 300 business, trade, and
industry journals, as well as selective coverage of 1,200 additional general
publications and newswires. There is no printed equivalent.

For Wall Street Journal articles, see National Newspaper Index in the News
section of this guide.

EDUCATION

ERIC   BRS Label: ERIC
    1966-Date   Monthly Updates   KI Label: EDUC1

    Available for searching on CD-ROM.

    The thesaurus is located on Index Table 5.

    The ERIC database is the largest source of education-related reports and
    journal articles. The database covers the entire spectrum of education and
    related issues. The print equivalent can be found on Index Table 5.

HUMANITIES

America: History and Life   KI Label: ARTS2
    1973-Date   Semiannual Updates

America: History and Life covers all aspects of U.S. and Canadian History.
Journal articles are included along with some books and dissertations. Many
records contain abstracts. The printed equivalent is located on Index Table 8.

Artbibliographies Modern   KI Label: ARTS1
    1974-Date   Semiannual Updates

Artbibliographies Modern covers all aspects of art and design. Citations
include books, exhibition catalogs, dissertations and over 300 journals. Full
coverage of 19th and 20th century studies is provided. The printed equivalent
is located in the Architecture and Art library.

Arts and Humanities Search   BRS Label: ACHI
    1980-Date   Biweekly Updates

Arts and Humanities Search contains citations, including complete lists of cited
references, for over 1,300 journals. Searches for citations to older works are
possible regardless of the date of the original. The printed equivalent, Arts
and Humanities Citation Index, is located on Index Table 1.

Historical Abstracts   KI Label: HIST2
    1973-Date   Updated 3 times yearly

Historical Abstracts covers the history of the world from 1450 to the present,
excluding the U.S. and Canada. Articles are abstracted from more than 2,000
journals published in 90 countries in some 30 languages. The printed
equivalent is located on Index Table 8.

MLA Bibliography   KI Label: LITS1
    1966-Date   Seven Updates per year

Available for searching on CD-ROM.

The MLA Bibliography is the largest and most comprehensive database covering
modern languages, literature, linguistics, and folklore. Approximately 3000
journals are included, as well as some books. Literature coverage includes
literary criticism, scholarly works, and original works annotated. The printed
equivalent is located on Index Table 13.

18

LIFE SCIENCES

BIOSIS Previews   BRS Label: **BIOZ**
   1970-Date   **Updated Monthly**

The BIOSIS database indexes information sources in biology and life sciences.
Citations are to journals, books and government documents, as well as
symposia and proceedings. The printed equivalent, Biological Abstracts, is
located on Index Table 9.

MEDICINE

International Pharmaceutical Abstracts   BRS Label: IPAB
   1976-Date   Monthly Updates   KI Label: MEDI4

The International Pharmaceutical Abstracts is a comprehensive source of infor-
mation on all aspects of pharmaceutical research and practice. Abstracts are
provided for articles from pharmaceutical and related journals. The printed
equivalent is located in the Pharmacy Library.

Medline   BRS Label: MESZ
   1966-Date   Monthly Updates

Available for search on CD-ROM.

The thesaurus is located on Index Table 9.

Medline is a comprehensive index for medical and health care information.
3,600 med' al journals are included, as well as selected congresses and
symposia. The printed equivalent, Index Medicus, is located on Index table 9.

NEWS

Magazine Index   BRS Label: MAGS
   1959-Date   Updated Monthly   KI Label: MAGA1

Magazine Index indexes articles from over 400 general-interest magazines.
Articles, editorials, product evaluations, recipes and reviews are included. The
printed index is available on a microfilm reader at the end of Index Table 15.

National Newspaper Index   BRS Label: NOOZ
   1979-Date   Update Monthly   KI Label: NEWS1

National Newspaper Index provides front-to-back indexing of the Christian
Science Monitor, the New York Times and the Wall Street Journal. All
articles, news reports, editorials, letters to the editor, obituaries, product
evaluations, biographical pieces, poetry, recipes, columns, cartoons,
illustrations, and reviews are included.   In addition, the National Newspaper
Index indexes national and international news stories written by the staff
writers of the Washington Post and the Los Angeles Times.

Newsearch   BRS Label: DALY
   (latest 2-6 weeks)   Updated daily   KI Label: NEWS1

Newsearch provides access to very current information. The index is updated
daily with citations from over 370 popular and business U.S. magazines and
newspapers. There is no printed equivalent.

Popular Magazine Review Online   BRS Label: PMRO
   1984-Date   Weekly Updates

Popular Magazine Review Online is a weekly reference service that provides
timely access to the latest popular U.S. periodical literature, with articles
generally appearing within two weeks of the publication of the magazines. The
file contains abstracts to over 200 general, widely read magazines.

REFERENCE

Dissertation Abstracts Online   BRS Label: DISS
   1861-Date   Monthly Updates   KI Label: REFR5

Lists virtually all doctoral dissertations completed in the United States from
1861 to the present. In addition, some foreign dissertations and masters'
 ieses are also included. Abstracts have been included for U.S. dissertations
since 1980. The printed equivalent can be found at Index Table 17.

GPO Monthly Catalog   BRS Label: GPOM
   1976-Date   Monthly Updates

Available for searching on CD-ROM.

GPO Monthly Catalog indexes all government publications produced by the U.S.
Government Printing Office. The printed equivalent is found on Index Table
19.

Index to U.S. Government Periodicals   BRS Label: GOVT
   1980-Date   Monthly Updates

The Index to U.S. Government Periodicals indexes 185 titles fro. more than
100 government agencies. All periodicals published by the Federal Government
that have material of lasting reference and research value are indexed.
Letters, book reviews, interviews, press conferences and conference
proceedings are also included. The printed equivalent is found on Index Table
19.

SCIENCE AND TECHNOLOGY

Computer Database   KI Label: COMP4
    1983-Date   Bi-Weekly Updates

The Computer Database is a source of information on computers, telecommuni-
cations, and electronics. Citations from over 500 journals, as well as pro-
ceedings, transactions, courses, books, tabloids, newsletters, and product
announcements are included. There is no printed equivalent.

Engineering Literature Index   KI Label: ENGI1
    1975-Date   Monthly Updates

The Engineering Literature Index provides coverage of approximately 4,500
journals and selected reports and books. All aspects of engineering are
covered. The printed equivalent, Engineering Index, is kept on Index Table 10.

Inspec   BRS Label: INSP
    1977-Date   Monthly Updates   KI Label: COMP1

Inspec covers the fields of physics, electrotechnology, computers and control,
and information technology. Approximately 3,000 journals are indexed, some
with abstracts. The Inspec database corresponds to the printed Physics
Abstracts (Index Table 12), Electrical and Electronics Abstracts (Index Table
10), and Computer and Control Abstracts (Index Table 11).

Microcomputer Index   KI Label: COMP3
    19& 1-Date   Monthly Updates

The Microcomputer Index contains citations on the use of microcomputers in
business, education, and the home. Magazine articles, as well as software and
hardware reviews, new product announcements, and book reviews, from over 40
periodicals are included. There is no printed equivalent.

23

SOCIAL SCIENCES

Legal Resource Index   BRS Label: LAWS
    1980-Date   Monthly Updates   KI Label: LEGA1

The Legal Resource Index covers over 750 law reviews, bar association
journals, and newspapers. Law-related items from the Magazine Index and
National Newspaper Index are also included. The printed equivalent is located
on Index Table 7.

PAIS International   BRS Label: PAIS
    1972-Date   Monthly Updates   KI Label: SOCS2

Available for searching on CD-ROM.

PAIS covers political science, economics, business and other social sciences
with an emphasis on public issues and government policy. Fifteen percent of
the records contain abstracts. The printed equivalent is located on Index
Table 8.

PSYCINFO   BRS Label: PSYC
    1967-Date   Monthly Updates   KI Label: PSYC1

Available for searching on CD-ROM.

The thesaurus is located on Index Table 6.

PSYCINFO is the primary online resource for psychology and related
disciplines. Included are over 1,300 journals as well as books, dissertations,
and technical reports. Most citations include an abstract. The thesaurus and
printed equivalent are located on Index Table 6.

Social Sciences Citation Index   BRS Label: SSCZ
    1972-Date   Monthly Updates

The Social Sciences Citation Index covers social and behavioral sciences and
related fields. Citations are taken from 1,500 core social science journals and
3,000 additional journals in related disciplines. Searches for current citations
to older works are possible regardless of the date of the original. The printed
equivalent is located on Index Table 2.

24

Social Work Abstracts   BRS Label: SWAB
     1977-Date   Monthly Updates

The SOCIAL WORK ABSTRACTS database covers all aspects of Social Work.
Included are abstracts of articles from approximately 100 social work journals,
as well as dissertations, books, and other materials. The printed equivalent is
located on Index Table 7.

Sociological Abstracts   BRS Label: SOCA
     1963-Date   Monthly Updates   KI Label: SOCS1

Available for searching on CD-ROM.

SOCIOLOGICAL ABSTRACTS is the primary online resource for sociology and
related disciplines. This database contains records of journal articles, books,
papers read at conventions and meetings, and other resources. The printed
equivalent is located on Index Table 7.

25

KNOWLEDGE INDEX SUMMARY COMMAND SHEET

Search Commands

B	Begin a search
F	Find a word or phrase
E	Expand: to view the index terms
P	Page: to request next page of an index term list
T	Type: to see search results
R	Recap: to review search statements and answer sets
Logoff	sign off the system
Help	to get help

Joining Search Concepts

OR   Combines related terms (addition)
AND Combines different concepts (reduction)
NOT Eliminates a concept

Printing Formats

S	Titles only
M	Author, title, journal issue, date
L	Complete record

Field Qualifiers

Commonly used field qualifiers are given here. To determine which field qualifiers are available in the database you are using, consult the printed documentation for the database. Examples of using field qualifiers:

AU= author	/ti	title
JN= journal	/de	descriptor
	/ab	abstract

AU=Galbraith, J?   computers/de,ti

Truncation

Use the "?" ending to search various word endings simultaneously

market?   AU=Smith, j?

26

BRS/AFTER DARK COMMAND SUMMARY SHEET

Search Commands

H	Help
S	Search
PC	Print continuously
R	Review search strategy
C	Change databases
L	Change libraries
O	Sign off the system
SORT	Arrange doucments in order by author, source, year, etc.
ST	Stem - Lists all of the endings of a root word

Joining Search Concepts

OR	Combines related terms (addition)
AND	Combines different concepts (reduction)
SAME	Finds both terms in the same field (proximity)
WITH	Finds both terms in the same sentence (proximity)
NOT	Eliminates a concept

Printing Formats

TI	Titles only
S	Short: author, title, journal issue, date
M	Medium: short format plus subject headings
L	Long: complete record
TD	Tailored display: specify fields

Field Qualifiers

Commonly used field qualifiers are given here. To determine which field qualifiers are available in the database you are using, consult the printed documentation for the database. Example of using field qualifiers:

.ti.	Title		.ab.	Abstract
.au.	Author		.lg.	Language
.de.	Descriptor		.yr.	Year
.so.	Source (journal title in most cases)			

computers.de,ti.   **Galbraith-j$.au.**

Truncation

Use the "$" ending to search various word endings simultaneously

market$**   **Smith-j$.au.   **child$3**

SOURCES FOR FURTHER READING

Use these books to acquire more knowledge of online searching.

Basics of Online Searching.
    ANSTAK   Z699.3.M395

BRS/After Dark User's Manual.
    Available at the Reference/Information Desk

Effective Online Searching: a Basic Text.
    ANSTAK   Z699.B629 1984

An Introduction to Online Searching.
    ANSTAK   Z699.L473 1985

Knowledge Index: User's Workbook.
    Available at the Reference/Information Desk

Online Searching: a Primer.
    ANSTAK   Z699.F38 1984

Online Searching: the Basics.
    ANSTAK   Z699.3.O55 1984

Quick Search STRATEGY WORKSHEET

SEARCH TOPIC _____

RELEVANT DATABASES _____

<u>MAJOR CONCEPTS</u> _____

	concept 1	concept 2	concept 3

S
E
A
R
C
H

T
E
R
M
S

S   1
E
A
R   2
C
H
      3
S
E
T   4
S

      5

33