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DRAFT

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# ALICE USER's GUIDE

April 1991



# ALICE USERS' GUIDE

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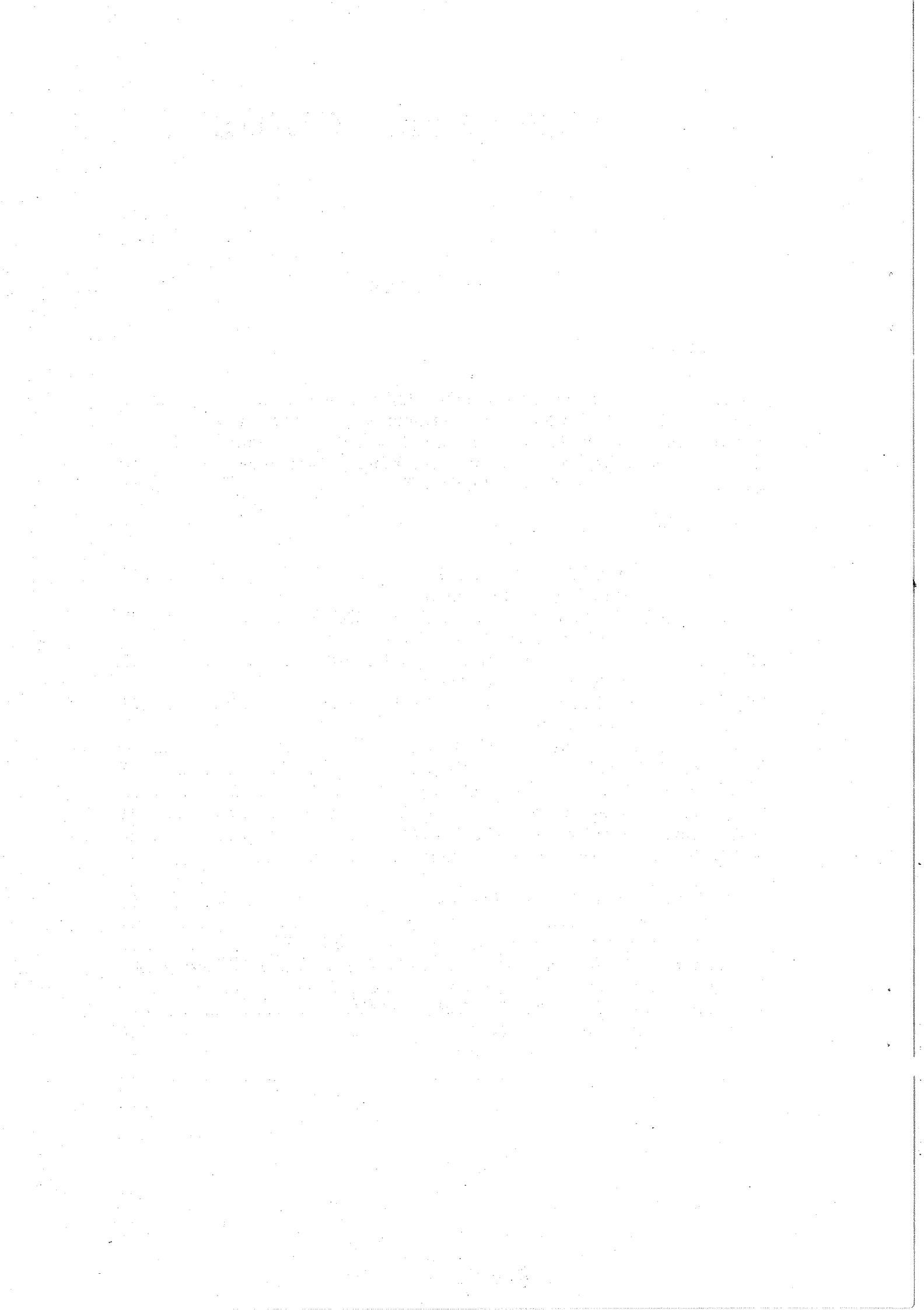
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## ALICE

ALICE (Aleph Library Information for CERN) is the name of the integrated library system at CERN.

**Contents**     The online catalogue ("Library") CERN contains bibliographic entries for items in the CERN Library:

books : approx. 25,000 titles

preprints : approx. 100,000 titles

It also contains information on forthcoming conferences of interest to CERN.

The online-catalogue DIR contains addresses and other information :

High Energy Physics Institutes : approx. 1,000 institutions

**Articles**     In general, ALICE does not contain information about articles in Conference proceedings and periodicals, apart from those by CERN authors and those received originally as conference preprints.

Periodical articles in high-energy physics can be found through HEPDATA or QSPIRES, or in appropriate external online databases.

The CERN Library can conduct searches for you in the external databases.

**Possibilities** ALICE can be searched principally by scanning through various index lists or by using the Common Command Language (CCL) for Boolean searches using combinations of terms and the operators AND, OR, NOT.

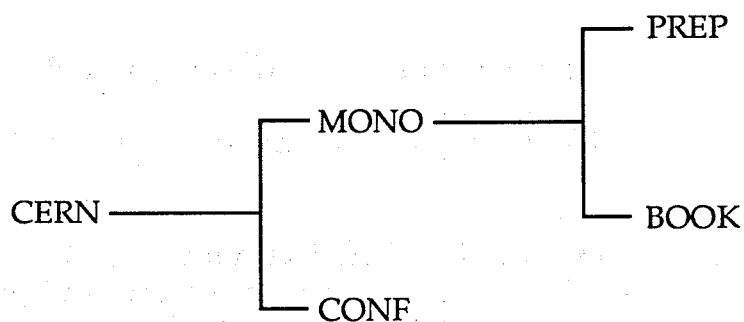
### Practical information

- You can use upper-case or lower-case when entering commands
- VT2xx terminals, and upwards, can display accented characters. With a few exceptions, other terminals will display the characters without their accents if you make the correct choice at logon. For more specific information see "ALICE terminal guide" at the end of this "ALICE user's guide"
- Every command to the system is terminated by the RETURN-key, which means SEND

## ALPHABETICAL LIST OF ALICE COMMANDS AND TERMS

**Access list:** Display of a list of terms after a SCAN command on an Access file [see below p. 9]

**Base:** The Define command can be used to select a logical sub-base of the database.  
The following BASEs are available in the system.  
There are 2 blocks of bases : CERN with sub-bases as shown in the figure below and DIR :



DIR

PREP	Preprints (including reports and conference preprints)
BOOK	Books and conference proceedings
MONO	PREP and BOOK
CONF	Past and future conferences (including addresses and contact persons)
CERN	MONO and CONF
DIR	Directory of High Energy Physics Institute

The selection can be changed during the session as required by typing **BAS <name>**, where <name> is PREP, BOOK, etc.

**Bibliographic information:** Display of full document information which means, author, title, year, publisher ...

CCL commands:	BAS	Choosing a database
	SC	Scanning index files (Access/Word)
	F	Finding records
	S	Shows the record in a set
	?	Gives brief help
	!	What to DO next
	DO	Displays a window for choosing the next CCL command
	HELP	Displays HELP screen
	C	Pages forward (=continue)
	R	Pages backward (=return)
	DEL	Deletes a set
	STOP	Stops the session
	LIM	Limits a search
	H	Shows the holdings of a record
	WHY	Shows the last 16 commands

Examples for most of the commands can be found on the INFO COMMANDS screen in online ALICE.

**DIR:** To consult the Directory of High Energy Physics Institutes type **BAS DIR** on the command line in any other base. The main search screen for the DIR database will be displayed. To go to another base, type **BAS <name>** on the command line in the DIR database.

**Files:** The ALICE system contains two different types of files to facilitate searching: Access, and Word.

**Files - Access:** An Access file (ACC) is a controlled file of headings with cross-references and other aids usually consisting of complete pieces of information, e.g. authors, titles, report numbers, conference information.

If a "Define base" command has been entered previously in the session in order to restrict the search to only one of the sub-bases of the database, a FIND or a SCAN command operating on Access files will only retrieve records from that selected base.

From any particular Access file record you can

a.1 request a display of the list of related documents found by the FIND command:

s s2 (show set=2)

When a file of access headings is displayed, you can scan forwards (c =continue) and backwards (r=return).

Documents related to a FIND command are sequenced by system number in reverse chronological order according to the input of the document to the system.

- a.2 request a display of the list of related documents found by the SCAN command:

s l2 (show line=2)

When a file of access headings is displayed, you can scan forwards (c=continue) and backwards (r=return).

Documents related to a SCAN command are sequenced by system number in chronological order according to the input of the document to the system.

- b. create a set after a SCAN command by typing :

f l2 (find line=2 and create a set)

and then combine the created set with other sets or queries in CCL.

The existing sets can be displayed with the command ls (list sets) or rev (review).

In CERN more than 20 different Access files are available. A list of the major ones can be found in Appendix 1. Appendix 2 gives the list for the DIR database. The corresponding list can also be obtained by typing HELP on the main search screen.

For more information about Access files see under Search - Access, p. 9

#### Files - Words:

A Words list contains individual words from document record fields. A search can be done to find a list of related documents like all publications by a particular author, either WAU (word author) or without any code (which includes documents with the name in other fields as well, like title or keyword fields).

If a "Define base" command has been entered previously in the session in order to restrict the search to only one of the sub-bases of the database, a FIND or a SCAN command operating on Word files will only retrieve records from that selected base.

From any particular list of words you can

- a.1 request a display of the list of related documents found by the FIND command :

Example : `f wau=einstein`  
`f einstein`

`s s1` (show set=1)

Documents related to a FIND command are sequenced by system number in reverse chronological order according to the input of the document to the system.

- a.2 request a display of the list of related documents found by the SCAN command :

Example : `scan wau=einstein`  
`scan einstein`

`s l2` (show line=2)

Documents related to a SCAN command are sequenced by system number in chronological order according to the input of the document to the system.

- b. create a set after a SCAN command by typing :

`f l2` (find line=2 and create a set)

and then combine the created set with other sets or queries in CCL.

Documents related to a SCAN command are sequenced by system number in chronological order according to the input of the document to the system.

The existing sets can be displayed with the command `ls` (list sets) or `rev` (review).

Word field codes see Appendix 1 on page 13 for CERN and Appendix 2 on page 14 for DIR. These codes all start with a W.

For more information about searching Word files see under Search - FIND, p. 7

**FIND:** See under Search - FIND

**Holdings:** List of copies held by the library or one of the branch libraries, each copy with location and loan status.

The holdings information can be examined by the command H. If more than 1 record is present on the screen the command refers to the last record by default. If a previous record is wanted the corresponding reference number (rx) has to be given, for example

**h r1**

**NOTE :**

For articles published in a periodical, conference proceedings or similar, which are NOT kept as preprints, there will be no information on the Holdings screen.

**List of sets:** Display of sets retrieved after FIND commands. The command to display a set is **ls** (list of sets) or **rev** (review). To go to the very beginning of the list of sets type **r** (return).

If you want to delete one of the sets, type **del/line number**. If you want to delete all sets, type **del/all**.

The list of sets is displayed in the order in which they were created. Each set is displayed on a separate line.

Provided at least one record is retrieved, the set of retrieved records is saved and information about this set is displayed on the "List of sets" screen in the form: set number, base code, and the number of publications included in the set followed by the command itself :

**s1    CERN        4    abcdhw**

If the search finds no records satisfying the query, the phrase "Empty set" appears on the line below the command line, and ALICE waits for the next command.

**Logging in:** Logging in with the username ALICE will enter you to the main CCL screen of the ALICE online system.

**REV:** Shows the sets so far retrieved.

**SCAN:** See under Search - SCAN

**Search:** The Search function is open to all users of ALICE, and needs no other username or password for access.

ALICE provides searching via CCL (Common Command Language).

You can always start a new search from any screen in the system.

The search commands start with F(ind) or SC(an) and the display command starts with S(how)

Search - FIND: Retrieval with the FIND command :

The basic command for making a search using CCL is FIND, which can be abbreviated to F. The word FIND is followed by syntax corresponding to the search which is to be made. The following section starts with the simplest form of the FIND command and gradually introduces additional possibilities.

a. Find word

The simplest example of the command has the form:

**find word**

if no particular word file or access file is specified, ALICE assumes that the search is to be made on the complete words file WO, which is the sum of all the individual word files.

b. Boolean operators AND, OR and NOT

The logical Boolean operators AND, OR and NOT can be used to combine different terms in a search query. For example

**AND**

**find word1 AND word2**

will retrieve all records containing the words word1 and word2 and add this set of records to the list of saved sets displayed on the "List of sets" screen. When you are at this screen the operation code r (=return) displays the list of sets from the start.

NOTE :

A space between two words is considered as a proximity operator and the system will search for any record where the two words appear next to each other, for example :

**find word1 word2**

will retrieve records which contain "word1 word2"

For more information about Proximity operators see under Search - Proximity, p 10

Similarly, as for the AND operator, a command

**OR** **find word3 OR word4**

will retrieve records which contain word3 or word4. If a record contains both these words it only appears once in the set.

Finally, the command

**NOT** **find word5 NOT word6**

will retrieve records which contain word5 but not word6.

Several Boolean operators may be given in one search command. In this case they are by default executed simply from left to right, all three operators having equal hierarchy. This order can be overridden by using parentheses to separate those parts of the query which should be executed first.

c. Individual words files

Instead of searching the complete words file as described above, one can also specify that one only wants to search for a word when it appears in one of the individual words files which make up the complete words file. A list of all individual words files is given in Appendix 1 (CERN base) and Appendix 2 (DIR base). For example, to search for a word only when it appears in a title, the syntax is either

**find wti=word**

or

**find word/wti**

Just as before, one can combine the terms with Boolean operators [see p. 7]

When combining terms from more than one individual words file, the file name must be explicitly stated with each term, even if it is the same file name for each. For example, in order to retrieve records with these two words in the title words file WTI type

**find word1/WTI AND word2/WTI**

If one types

**find word1/WTI and word2**

the word1 will be searched for in the file WTI but word2 will be searched for in the complete words file by default.

For more information about WORD-files see under Files - WORD, p. 4.

Search - Access: d. Searching in Access files

Entries in access files can also be searched for in a similar way to that described above for words files. An access file must always be specified explicitly, since the default is to take the words file. The list of all Access files is given in Appendix 1 (CERN base) and Appendix 2 (DIR base).

If a "Define base" command has been entered previously in the session in order to restrict the search to only one of the subsets of the database, a FIND command operating on access files will only retrieve records from that selected base.

NOTE :

There is no access file which corresponds to the sum of all individual access files as was the case for the word files.

Search - LIMIT: To narrow down a result you can use the **Limit command** on a search set. This is a very useful feature. There are different techniques to create a set :

1. Making a retrieval with a FIND command results in a set.
2. When using the SCAN technique on ACCess files or Word files you can create a set from any term by typing F lx (where x is the line number).

To access some special commands like the LIMIT command just type LIM on the command line or use the DO-technique :

- |    |                                  |    |
|----|----------------------------------|----|
| a. | press the DO-key on the keyboard | OR |
| b. | type DO and press <return>       | OR |
| c. | !                                |    |

and advance with the cursor according to the choice made.

Choosing the LIMIT command followed by LN as a field code a language limitation can be put on an already created set.

There are 4 possibilities to narrow down a set :

1. BASE :  
PREP BOOK MONO CONF CERN DIR
2. IND :  
ab bi da fo hi le ma pa  
po pr re sp su ta th tp  
tr ts tu [see page 12]
3. LN :  
eng fre ger ita [first 3 letters of the English form]
4. YEAR a 4 digit year, example : 1989

Search -  
Proximity:

Proximity indicators ! or % restrict the retrieval to words occurring within a specified distance from each other in one field:

**f spark chamber#**

blank = 0 intermediate words, and retrieve only words if the words are adjacent

**f spark ! chamber#**

! = up to 1 intermediate words between spark and chamber, where "spark" precedes "chamber"

**f spark % chamber#**

% = up to 1 intermediate word between spark and chamber, with the words in either order

Search - SCAN:

This technique is like looking in an index. According to the search wanted, the user scans one of the index files like author, title, subject, etc. If the SCAN command is followed by a list qualifier (such as BAU, PAU, TI, KW) the list displayed will include only terms or words that are in the list requested. If no qualifier is supplied, the general words list is displayed.

Examples: scan bau=einstein  
scan ti=einstein  
scan kw=einstein  
scan einstein

If the request is actually in the index and asked for in its complete form it will be displayed on line 2 of the list on the screen. It is possible to go forwards (c=continue) or backwards (r=return) in the index.

This technique is the fastest and most economic since the system just scans through an index and displays a selected part of it. The scan technique is specially useful for report numbers, titles, etc., where the exact beginning is known by the user.

scan rn=cern ep 90-44  
scan ti=search for light neutral higgs

It is also useful for checking the exact form of a word or phrase in an Access file.

The result can be saved (by creating a set (f line number)) and then be combined with other queries in CCL. The sets created during the search session are displayed with the command ls (list of sets) or rev (review).

#### Search - Truncation:

Through the usage of the truncation sign ? one can enlarge the search. DO NOT use both left and right hand truncation at the same time on word. DO NOT truncate too much - leave at least 4 or 5 characters.

Example :

find comput?

finds all postings, that contain a word starting with  
COMPUT

#### NOTE :

It is recommended to use the truncation technique for authors.

Example :

find pau=arnison ?

Show result: The records in the saved set can be examined in detail by the command S. This will give a list in a standard printformat 50 of the items retrieved.

**s s1**

To get less information the display command can be formulated :

**s s1 f40**

To get more information the display command can be formulated:

**s s1 f60**

Word list: Display of a list of terms after a SCAN command on a Word file. For information about Word-files see under Files - Words, p. 4.

#### Explanations of the abbreviations for the INDicators used with the LIMIT command

ab = abstracts or short versions	re = critical reviews (see also su)
bi = bibliographies	sp = specifications
da = data compilations	st = standards
di = dictionaries or glossaries	su = surveys (see also re)
fo = formulae	ta = tables
hi = history	th = theses
le = lectures	tp = text books, programmed [self-instruction]
ma = manuals	tr = text books, research level
pa = patents	ts = text books, school level
po = popular accounts	tu = text books, university level
pr = progress reports [not received regularly]	

## List of searchable field codes for CERN library :

Codes starting with W will pick up any word in the corresponding field :

<u>Fields</u>	<u>Field codes</u>	<u>Examples</u>
Author	WAU	wau=rubbia
Corporate author	WCA	wca=cern
Conference information	WCF	wcf=quarks
Title	WTI	wti=satellite
Subject heading	WSU	wsu=aa
Collaboration	WCOL	wcol=paris
Keyword (added uncontrolled term)	WKW	wkw=digital
Report number	WRN	wrn=sl
Any of the above fields		rubbia

**These codes are used as well for SCAN as for FIND techniques.**

The following codes belong to ACCess files. To use them you should know the exact beginning of the field you are looking for.

<u>Fields</u>	<u>Field codes</u>	<u>Examples</u>
Accelerator of CERN experiment	ACL	acl=cern lep
Author, book	BAU	bau=jacob
Author, 1st preprint	FAU	fau=jacob
Author, preprint or report	PAU	pau=jacob
Corporate author	CA	ca=cern
Collaboration	COLL	coll=aachen
CERN paper	CP	cp=dd
CERN work	CW	cw=dd
Experiment number (CERN)	EXP	exp=ua1
Title	TI	ti=transverse
Keyword (added uncontrolled term)	KW	kw=hadron
Subject heading	SU	su=bb
UDC, books classification	UDC	udc=539.18
Conference information	CONF	conf=high
Conference place	PL	pl=cannes
Periodical or series in citations	PER	per=phlta 225b 1989
Book series	SRS	srs=recueil de normes
Report number	RN	rn=cern th 5045
Status week for input of document	SW	sw=9032

**These codes are used as well for SCAN as for FIND techniques.**

For a string of words like Title or Report number the SCAN technique is recommended. In FIND a string, must be given in full or terminated with a truncation sign ? or put in quotes "". Quotes have to be used, when the string contains a reserved CCL character like hyphen or slash. A truncation sign can be used within quotes.

Example:           f rn="cern ep 90-44"  
                      f rn="cern ep 90-4?"

Use WCOL rather than COLL, if you are not sure of the first institute in the collaboration you are looking for.

## List of searchable field codes for DIR library :

Codes starting with W will pick up any word in the corresponding field :

	<u>Field codes</u>	<u>Examples</u>
Organization or Division	WOD	wod=laboratory
Interests of organization	WPROG	wprog=particle
Accelerator	WACCL	waccl=lep
Any of the above fields		college

**These codes are used as well for SCAN as for FIND techniques.**

The following codes belong to ACCess files. To use them you should know the exact beginning of the field you are looking for.

<u>Fields</u>	<u>Field codes</u>	<u>Examples</u>
Organization	ORG	org=ecole polytech
Town	TOWN	town=paris
Country	CTRY	ctry=france ctry=fr
Type of activity	TYPE	
experimental		type=e
theory		type=t
accelerator		type=a
other		type=o

**These codes are used as well for SCAN as for FIND techniques.**

For a string of words like Organization the SCAN technique is recommended. In FIND a string, must be given in full or terminated with a truncation sign ? or put in quotes "". Quotes have to be used, when the string contains a reserved CCL character like hyphen or slash. A truncation sign can be used within quotes.

Example:   f org=ecole polytechnique  
          f org=ecole polytech?  
          f org="ecole polytech?"





## **A Collection of Search Examples**



CERN

Welcome to ALICE

Online database and ordering system of SIS

Note the general screen layout:

Status line at top: NAME of screen, FORMAT for display, BASE for search  
Command line at bottom: You may enter any CCL COMMAND (ISO 8777) at any time

Note the general user assistance features (on all screens):

CCL> INFO	for screens of general information on the system
CCL> HELP or ?	for windows of screen specific help
CCL> DO or !	for a window of possible commands to enter
CCL> WHY	for a window of the last 16 commands you entered
CCL> BASE	for a screen with diagram of database structure
CCL> CCL	to return to this screen
CCL> STOP	to end the session and logout

Enter CCL command or "HELP"

CCL&gt; f hirata and interaction

Author and word in title

CCL search : Preprints

Base prep

s1 12 hirata and interaction

---

r2

Author(s) : Hirata, K; Keil, E  
Title : Barycentre motion of beams due to beam-beam  
interaction in asymmetric ring colliders  
Imprint : CERN, 18 Jun 1990. - 4 p  
Conf. inf. : Pres. at the 2nd EPAC - European particle  
accelerator conference, Nice, 12 - 16 Jun 1990  
Shelf no. : CERN SL 90-50 AP  
Week entered: 9031

CCL> h Enter CCL command, HELP, H=Holdings

From here you can get the holdings information, which means  
information about location, shelf number and loan period  
H=holdings

s1 12 hirata and interaction

	Copy	Coll. Location	Status
h2	c1	C CERN SL 90-50 AP	One month
h3	c2	C CERN SL 90-50 AP	One month
h4	c3	SPS CERN SL 90-50 AP	One month
h5	c4	LEP CERN SL 90-50 AP	One month
h6	c5	PS CERN SL 90-50 AP	One month

Enter CCL command, HELP, S=Previous show screen  
CCL>

CERN

Welcome to ALICE

Online database and ordering system of SIS

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CCL> WHY	for a window of the last 16 commands you entered
CCL> BASE	for a screen with diagram of database structure
CCL> CCL	to return to this screen
CCL> STOP	to end the session and logout

Enter CCL command or "HELP"

CCL&gt; f superstrings and unification

CCL search : Books and proceedings

Base book

s3 12 superstrings and unification

---

r3

Main heading: WORKSHOP ON GRAND UNIFICATION. 8. 1987. Syracuse  
Title : Proceedings, Syracuse Univ., Syracuse, N.Y., 16-18  
Apr. 1987  
Author(s) : Wali, Kameshwar C ed.  
Imprint : Singapore : World Scientific, 1988. - 451 p.

r4

Main heading: ADRIATIC MEETING ON PARTICLE PHYSICS. 5. 1986.  
Dubrovnik  
Title : Superstrings, anomalies and unification :  
proceedings, Dubrovnik, Yugoslavia, 16-28 June  
1986  
Author(s) : Martinis, Mladen ed. ; Andric, Ivan ed.  
Imprint : Singapore : World Scientific, 1987. - 571 p.

Enter CCL command, HELP, H=Holdings

CCL> h r4

From here you can get the holdings information, which means  
information about location, shelf number and loan period  
H=holdings

s3 12 superstrings and unification

---

r4 ADRIATIC MEETING ON PARTICLE PHYSICS. 1986  
Superstrings, anomalies and unification : proceedings, Dubrovnik,  
Yugoslavia, 16-28 June 1986  
Singapore : World Scientific, 1987. - 571 p.

---

	Copy	Coll. Location	Status
h2	c1	C 539.12 ADR	One month

Enter CCL command, HELP, S=Previous show screen  
CCL>

CERN

Welcome to ALICE

Online database and ordering system of SIS

Note the general screen layout:

Status line at top: NAME of screen, FORMAT for display, BASE for search  
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CCL> WHY	for a window of the last 16 commands you entered
CCL> BASE	for a screen with diagram of database structure
CCL> CCL	to return to this screen
CCL> STOP	to end the session and logout

Enter CCL command or "HELP"

CCL&gt; f syracuse and 1987

Conferenc place and year

CCL search : Books and proceedings

Base book

s4 2 syracuse and 1987

---

r1

Main heading: WORKSHOP ON GRAND UNIFICATION. 8. 1987. Syracuse  
Title : Proceedings, Syracuse Univ., Syracuse, N.Y., 16-18  
Apr. 1987  
Author(s) : Wali, Kameshwar C ed.  
Imprint : Singapore : World Scientific, 1988. - 451 p.

r2

Main heading: MONTREAL-ROCHESTER-SYRACUSE-TORONTO HIGH ENERGY  
THEORY MEETING. 9. 1987. Rochester  
Title : Proceedings, Rochester Univ., New York, 20-21 May  
1987  
Author(s) : Das, Ashok ed.  
Imprint : Rochester, N.Y. : Rochester Univ., 1987. - 194 p.

Enter CCL command, HELP, H=Holdings

CCL> h r1

From here you can get the holdings information, which means  
information about location, shelf number and loan period  
H=holdings

s4 2 syracuse and 1987

-----  
r1 WORKSHOP ON GRAND UNIFICATION. 1987  
Proceedings, Syracuse Univ., Syracuse, N.Y., 16-18 Apr. 1987  
Singapore : World Scientific, 1988. - 451 p.  
-----

	Copy	Coll. Location	Status
h2	c1	C 530.14 WOR	One month

Enter CCL command, HELP, S=Previous show screen  
CCL>

CERN

Welcome to ALICE  
Online database and ordering system of SIS

Note the general screen layout:

Status line at top:      NAME of screen, FORMAT for display, BASE for search  
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CCL> BASE	for a screen with diagram of database structure
CCL> CCL	to return to this screen
CCL> STOP	to end the session and logout

Enter CCL command or "HELP"

CCL> f gribbin

CCL search : Book author  
Base book

s5 3 gribbin

---

r1

Main heading: GRIBBIN, John  
Title : The stuff of the universe : dark matter, mankind  
and the coincidences of cosmology  
Author(s) : Gribbin, John ; Rees, Martin  
Imprint : London : Heinemann, 1990. - 302 p.

r2

Main heading: GRIBBIN, John  
Title : The hole in the sky : man's threat to the ozone  
layer  
Author(s) : Gribbin, John  
Imprint : London : Corgi, 1988. - 160 p.

CCL> h r1

Enter CCL command, HELP, H=Holdings

From here you can get the holdings information, which means  
information about location, shelf number and loan period  
H=holdings

s5 3 gribbin

-----  
r1 GRIBBIN, John  
The stuff of the universe : dark matter, mankind and the  
coincidences of cosmology  
London : Heinemann, 1990. - 302 p.  
-----

	Copy	Coll. Location	Status
h2	c1	C 524 GRI	One month
h3	c2	C 524 GRI	One month

Enter CCL command, HELP, S=Previous show screen  
CCL>

CERN

Welcome to ALICE

Online database and ordering system of SIS

Note the general screen layout:

Status line at top: NAME of screen, FORMAT for display, BASE for search  
Command line at bottom: You may enter any CCL COMMAND (ISO 8777) at any time

Note the general user assistance features (on all screens):

CCL> INFO	for screens of general information on the system
CCL> HELP or ?	for windows of screen specific help
CCL> DO or !	for a window of possible commands to enter
CCL> WHY	for a window of the last 16 commands you entered
CCL> BASE	for a screen with diagram of database structure
CCL> CCL	to return to this screen
CCL> STOP	to end the session and logout

Enter CCL command or "HELP"

CCL&gt; sc bau=gribbin

Scan search: Book author

Base book

Lno.	Items	Book.Aut
L1	1	Gribben, R J
L2	3	Gribbin, John
L3	1	Grieder, P K F
L4	2	Griem, Hans R
L5	4	Gries, David
L6	2	Griffin, Antony W J
L7	1	Griffin, J J trans
L8	1	Griffith, R V
L9	2	Griffiths, David F
L10	1	Griffiths, David Jeffrey
L11	1	Griffiths, Hubert Brian
L12	2	Griffiths, John M
L13	1	Griffiths, Phillip A
L14	1	Griffiths, R
L15	1	Griffiths, William
L16	1	Grifols, J A

Enter CCL command or "HELP"

CCL> s 12

From here you can get the bibliographic information with the  
show command

S=show

L=line number

12            3        Gribbin, John

---

r3

Main heading: GRIBBIN, John

Title            : The stuff of the universe : dark matter, mankind  
                  and the coincidences of cosmology

Author(s)        : Gribbin, John ; Rees, Martin

Imprint          : London : Heinemann, 1990. - 302 p.

Enter CCL command, HELP or H=Show holdings

CCL> h r3

From here you can get the holdings information, which means  
information about location, shelf number and loan period  
H=holdings

12 3 Gribbin, John

---

r3 GRIBBIN, John  
The stuff of the universe : dark matter, mankind and the  
coincidences of cosmology  
London : Heinemann, 1990. - 302 p.

---

	Copy	Coll. Location	Status
h2	c1	C 524 GRI	One month
h3	c2	C 524 GRI	One month

Enter CCL command, HELP, S=Previous show screen  
CCL>

CERN

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CCL> DO or !	for a window of possible commands to enter
CCL> WHY	for a window of the last 16 commands you entered
CCL> BASE	for a screen with diagram of database structure
CCL> CCL	to return to this screen
CCL> STOP	to end the session and logout

Enter CCL command or "HELP"

CCL&gt; sc ti=stuff of the universe

Scan search : Book titles

Base book

Lno.	Items	Titles
L1	1	The stuff of the universe
L2	5	Style manual
L3	1	Le styrene et ses polymeres
L4	1	SU(3) symmetry and particle physics
L5	1	SU(3)xSU(2)xU(1) and beyond
L6	1	Subatomic physics
L7	1	Subatomic physics v.1
L8	1	Subatomic physics v.2
L9	1	Subnuclear phenomena pt.A
L10	1	Subnuclear phenomena pt.B
L11	1	Substances explosibles
L12	1	Substitutional analysis
L13	1	Subtle is the Lord
L14	1	Successful time management
L15	1	La Suisse romande, une et diverse
L16	1	Summaries and contributions, ICTP, Trieste, 20-22 June 1974

Enter CCL command or "HELP"

CCL> s 11

From here you can get the bibliographic information with the  
show command

S=show

L=line number

11            1    The stuff of the universe

---

r1

Main heading: GRIBBIN, John

Title            : The stuff of the universe : dark matter, mankind  
                  and the coincidences of cosmology

Author(s)        : Gribbin, John ; Rees, Martin

Imprint          : London : Heinemann, 1990. - 302 p.

Enter CCL command, HELP or H=Show holdings  
CCL> h r1

From here you can get the holdings information, which means  
information about location, shelf number and loan period  
H=holdings

l1 1 The stuff of the universe

---

r1 GRIBBIN, John  
The stuff of the universe : dark matter, mankind and the  
coincidences of cosmology  
London : Heinemann, 1990. - 302 p.

---

	Copy	Coll. Location	Status
h2	c1	C 524 GRI	One month
h3	c2	C 524 GRI	One month

Enter CCL command, HELP, S=Previous show screen  
CCL>

CERN

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CCL> HELP or ?	for windows of screen specific help
CCL> DO or !	for a window of possible commands to enter
CCL> WHY	for a window of the last 16 commands you entered
CCL> BASE	for a screen with diagram of database structure
CCL> CCL	to return to this screen
CCL> STOP	to end the session and logout

Enter CCL command or "HELP"

CCL&gt; sc pau=ito h

Scan search : Preprint author

Base prep

Lno.	Items	Prep.	Aut
------	-------	-------	-----

L1	5	Ito,	A S
L2	24	Ito,	H
L3	8	Ito,	I
L4	38	Ito,	K
L5	20	Ito,	K R
L6	46	Ito,	M
L7	3	Ito,	M M
L8	1	Ito,	N
L9	2	Ito,	S
L10	1	Ito,	T
L11	1	Ito,	Y
L12	2	Itoh,	C
L13	33	Itoh,	H
L14	29	Itoh,	K
L15	1	Itoh,	M
L16	2	Itoh,	N

Enter CCL command or "HELP"

CCL> s 12

From here you can get the bibliographic information with the  
show command

S=show

L=line number

12 24 Ito, H

-----  
r11

Author(s) : Ito, H  
Title : Relativistic spectroscopy of heavy quarkonia  
Imprint : Osaka : Kinki Univ., 3 Aug 1985. - 17 p  
Shelf no. : PRE 28556  
Week entered: 8534

r12

Author(s) : Ito, H  
Title : On relativistic corrections to mass spectra in  
heavy quarkonia  
Imprint : May 1986. - 10 p  
Week entered: 8623

Enter CCL command, HELP or H=Show holdings  
CCL> h r11

From here you can get the holdings information, which means  
information about location, shelf number and loan period  
H=holdings

12        24        Ito, H

---

---

	Copy	Coll. Location	Status
h2	c1	C    PRE 28556	Two weeks

Enter CCL command, HELP, S=Previous show screen  
CCL>

CERN

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Online database and ordering system of SIS

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CCL> BASE	for a screen with diagram of database structure
CCL> CCL	to return to this screen
CCL> STOP	to end the session and logout

Enter CCL command or "HELP"

CCL&gt; sc rn=cern ep 89 18

Scan search : Preprint code (number)

Base prep

Lno.	Items	Rep. no.
------	-------	----------

L1	1	CERN EP 89-179
L2	1	CERN EP 89-18
L3	1	CERN EP 89-180
L4	1	CERN EP 89-181
L5	1	CERN EP 89-182
L6	1	CERN EP 89-19
L7	1	CERN EP 89-20
L8	1	CERN EP 89-21
L9	1	CERN EP 89-22
L10	1	CERN EP 89-23
L11	1	CERN EP 89-24
L12	1	CERN EP 89-25
L13	1	CERN EP 89-26
L14	1	CERN EP 89-27
L15	1	CERN EP 89-28
L16	1	CERN EP 89-29

Enter CCL command or "HELP"

CCL> s 12

From here you can get the bibliographic information with the show command

S=show

L=line number

12 1 CERN EP 89-18

-----  
r1

Author(s) : Astier, P; Bernardi, G; Carugno, G  
Title : Search for neutrino oscillations  
Imprint : CERN, 30 Jan 1989. - 18 p  
Publ. inf. : Publ. in Phys. lett., B 220 (1989) 646-652  
Exp. no. : E816 (Brookhaven AGS)  
Shelf no. : CERN EP 89-18  
Week entered: 8907

Enter CCL command, HELP or H=Show holdings  
CCL> h r1

From here you can get the holdings information, which means  
information about location, shelf number and loan period  
H=holdings

12 1 CERN EP 89-18

---

	Copy	Coll. Location	Status
h2	c1	C CERN EP 89-18	Two weeks

Enter CCL command, HELP, S=Previous show screen  
CCL>

CERN

Welcome to ALICE

Online database and ordering system of SIS

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CCL> BASE	for a screen with diagram of database structure
CCL> CCL	to return to this screen
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Enter CCL command or "HELP"

CCL&gt; sc conf=berlin92

A search for a forthcoming conference in the CONF base

Lno.	Items	Conferen
L1	1	berlin910603
L2	1	berlin920323
L3	1	bern850328
L4	1	bern861009
L5	1	bern861020
L6	1	bern900201
L7	1	BES meeting on recent developments in medical imaging Bath UK 12 - 16 Sep 1988
L8	1	besancon880905
L9	1	bethesda880831
L10	1	bethesda881212
L11	1	bhubaneswar860224
L12	1	bhubaneswar890901
L13	1	biarritz861006

Enter CCL command or "HELP"

CCL> s 12

From here you can get the bibliographic information with the  
show command

S=show

L=line number

12 1 berlin920323

-----  
r1

Confcode : berlin920323  
Title : 3rd EPAC - European particle accelerator  
conference  
Place/Dates : Berlin, Germany / 23 - 28 Mar 1992  
Contact 1 : Prof. H Henke  
TU Berlin; Institut fur Theoretische  
Elektrotechnik; Einsteinufer 17; D-1000 BERLIN 10;  
Germany  
Tel: ++37 32982 5246 (5379)  
Fax: ++37 23982 5282  
Contact 2 : EPAC Secretariat  
c/o Mme Ch. Petit-Jean-Genaz; CERN - LEP Division;  
CH-1211 GENEVE 23; Switzerland  
Note : Dates previously given as 7 - 11 Apr 1992  
Dates may be 23 - 27 or 24-28

Enter CCL command, HELP or H=Show holdings

CCL&gt;

CERN

Welcome to ALICE

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CCL> WHY	for a window of the last 16 commands you entered
CCL> BASE	for a screen with diagram of database structure
CCL> CCL	to return to this screen
CCL> STOP	to end the session and logout

Enter CCL command or "HELP"

CCL&gt; sc kw=boson

Scan search : Keyword

Lno.	Items	Keywords
L1	2	Bose-Einstein
L2	66	boson
L3	1	boson, chiral
L4	77	bosonic
L5	1	bosonic string
L6	6	bosonization
L7	1	bosonized
L8	75	bosons
L9	1	Bott
L10	1	bottle
L11	1	bottles
L12	24	bottom
L13	1	bottomonium
L14	2	bottomup
L15	3	bottonium
L16	2	bouchons

Enter CCL command or "HELP"

CCL> s 12

From here you can get the bibliographic information with the  
show command

S=show

L=line number

12 66 boson

---

r1

Main heading: HESS, Peter  
Title : Nuclear collective models  
Author(s) : Hess, Peter  
Imprint : [Lausanne], 1983 ?. - 106 p.  
Series : Troisieme cycle de la physique en Suisse romande

Enter CCL command, HELP or H=Show holdings  
CCL> h r1

From here you can get the holdings information, which means  
information about location, shelf number and loan period  
H=holdings

12        66       boson

---

r1       HESS, Peter  
         Nuclear collective models  
         [Lausanne], 1983 ?. - 106 p.

---

	Copy	Coll. Location	Status
h2	c1	C    EX 9351	One month
h3	c2	C    EX 9351	One month

Enter CCL command, HELP, S=Previous show screen  
CCL>







# **ALICE TERMINAL GUIDE**

February 14, 1991

Wolfgang SIMON

CERN  
AS/SI

## **Contents**

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## Introduction

This document describes how to logon to the Alice system of CERN's Scientific Information Service.

In the following text, **bold** font stands for user input, *italic* font stands for prompts or system responses, and plain font stands for a comment. Pressing the <CR> key is assumed at the end of each user input line which is printed in bold font. The abbreviation 'n' stands for a suitable integer number, the abbreviation 'name' for the users name or his logon identification.

Appendix A, "Diagram of Connections " shows some of the possible hardware and software connections to Uxlib from within CERN. No attempt is made to describe the software and protocols to access Uxlib.

It should be noted for access from outside CERN to Uxlib that

- its PSI number is 022 846 811 405 531,
- its Internet address is 128.141.201.44, and
- its DECnet number is 22.549. This translates to

$22 \times 1024 + 549 = 23077$  , the DECnet address,  
**SET HOST 23077** should therefore connect to  
Uxlib from any VAX on DECnet.

VT220 or compatible terminals are capable of displaying accented characters, provided they are:

- set up as 8-bit, no parity, and
- the terminal is declared as VT220 (type 1 in the terminal selection screen).

If such a terminal is set up as 7-bit, space parity, then it should be declared as VT100 (type 2 in the terminal selection screen). No accents will however be displayed in this case.

The service QALICE forwards enquiries to the Alice databases by electronic mail. It receives answers in the same way. For further information see: QALICE USER's GUIDE.

## 1. Logon to Alice from any terminal at CERN via Index

This technique should be used for all terminals connected to the Index network either through a Gandalf box or through a Terminal Display Multiplexer (TDM).

Power your terminal on.

Establish the Index connection, i.e. the 'ready' light must be on.

\*\*\*\*\* YOU ARE NOW CONNECTED TO PACX n \*\*\*\*\*

enter class **CCVAX**

class start

Press several times <CR> until

DECserver n Terminal Server Vn.n - LAT Vn.n

Please type **HELP** if you need assistance

Enter username> **name**

Local> **C UXLIB**

If the Alice system is up and running, you should see:

Local -010- Session n to UXLIB established

ALICE  
UXLIB VAX/VMS n.n  
CERN Library Service

Username : **ALICE**

A new screen with the following information will be displayed:

ALICE - The CERN Library System  
Terminal selection

- 1..... VT220 or compatible terminals.  
Including, VT320, Falco, D2, D3.
- 2..... VT100 or compatible FULL SCREEN TERMINALS.  
Including, D1, PA, PC, Macintosh.
- 3..... TTY or compatible LINE MODE TERMINALS.

Please Select : **n**

i.e. type the number appropriate to your terminal followed by <CR>

For the set-up of a VT220 terminal see page 1.

Follow the instructions of Alice.

Type **STOP** to leave Alice.

## 2. Logon to Alice from a terminal at CERN connected directly to a DECserver

---

This technique should be used for all terminals having a dedicated line to a port of a DECserver.

Power your terminal on.

Wait for the logo of your terminal. For a VT320 it will be:

*VT320 OK*

*Firmware and Set-Up Screens Copyright © 1987  
Digital Equipment Corporation*

Press several times <CR> until  
*DECserver n Terminal Server Vn.n - LAT Vn.n*  
*Please type HELP if you need assistance*  
*Enter username> name*  
*Local> C UXLIB*

If the Alice system is up and running, you should see:  
*Local -010- Session n to UXLIB established*

*ALICE  
UXLIB VAX/VMS n.n  
CERN Library Service*

**Username : ALICE**

A new screen with the following information will be displayed:

*ALICE - The CERN Library System  
Terminal selection*

- 1..... VT220 or compatible terminals.  
Including, VT320, Falco, D2, D3.*
- 2..... VT100 or compatible FULL SCREEN TERMINALS.  
Including, D1, PA, PC, Macintosh.*
- 3..... TTY or compatible LINE MODE TERMINALS.*

*Please Select : n*

i.e. type the number appropriate to your terminal followed by <CR>  
For the set-up of a VT220 terminal see page 1.

Follow the instructions of Alice.

Type **STOP** to leave Alice.

### 3. Logon to Alice from an IBM-compatible PC at CERN

This technique should be used for all IBM and IBM-compatible PCs equipped with an ISOLAN card and connected through a BNF plug to Thin Ethernet which in turn is connected to CERN Ethernet.

Power your terminal on. Make sure that the program TNVT100 is installed.

C:\> TNVT100 UXLIB

If the Alice system is up and running, you should see:

*ALICE  
UXLIB VAX/VMS n.n  
CERN Library Service*

*Username : ALICE*

A new screen with the following information will be displayed:

*ALICE - The CERN Library System  
Terminal selection*

- 1..... VT220 or compatible terminals.  
Including, VT320, Falco, D2, D3.*
- 2..... VT100 or compatible FULL SCREEN TERMINALS.  
Including, D1, PA, PC, Macintosh.*
- 3..... TTY or compatible LINE MODE TERMINALS.*

*Please Select : 2*

i.e. type the number appropriate to your terminal followed by <CR>

Follow the instructions of Alice.

Type **STOP** to leave Alice.

#### 4. Logon to Alice from a Macintosh at CERN

This technique should be used for all Macintoshs connected to Appletalk at CERN which in turn is connected through Fastpath to thin Ethernet and CERN Ethernet.

Power your terminal on.

If you logon for the first time from your Macintosh to UxLib:

Click the icon NCSA Telnet 2.2.  
Select *Open Connection* from the *FILE* menu.  
*Session name* **128.141.0.39**  
*Window name* **UxLib**  
Click OK  
Select *Save Set ...* from the *FILE* menu.  
*Save Set to:* **UxLib**  
Select *Quit* from the *FILE* menu.  
The icon UxLib is now available on your Macintosh.

Click the icon UxLib.

If the Alice system is up and running, you should see:

*ALICE*  
*UXLIB VAX/VMS n.n*  
*CERN Library Service*

*Username : ALICE*

A new screen with the following information will be displayed:

*ALICE - The CERN Library System*  
*Terminal selection*

- 1..... VT220 or compatible terminals.*  
*Including, VT320, Falco, D2, D3.*
- 2..... VT100 or compatible FULL SCREEN TERMINALS.*  
*Including, D1, PA, PC, Macintosh.*
- 3..... TTY or compatible LINE MODE TERMINALS.*

*Please Select : 2*

i.e. type the number appropriate to your terminal followed by <CR>

Follow the instructions of Alice.

Type **STOP** to leave Alice.

## 5. Logon to Alice from CERNVM

This technique is intended for all users who have an account on CERNVM but cannot employ any of the already described methods or do not want to logout. (See also: Using ALICE from CERNVM, USER'S GUIDE)

Logon to CERNVM. Note, that <TAB> is simulated by keypad 0 .

**ALICEDU** (if you have a dumb terminal) or

**ALICEIU** (if you have an intelligent terminal)

A new screen with the following information will be displayed:

*VM/DECnet Gateway Licensed Materials*

*Interlink Computer Sciences, Inc. Fremont, California, USA*

*Virtual machine TIMER option set to "REAL"*

If the Alice system is up and running, you should see on a new screen:

*ALICE  
UXLIB VAX/VMS n.n  
CERN Library Service*

Username : **ALICE**

A new screen with the following information will be displayed:

*ALICE - The CERN Library System  
Terminal selection*

- 1..... VT220 or compatible terminals.  
Including, VT320, Falco, D2, D3.*
- 2..... VT100 or compatible FULL SCREEN TERMINALS.  
Including, D1, PA, PC, Macintosh.*
- 3..... TTY or compatible LINE MODE TERMINALS.*

*Please Select : 2 or 3  
followed by <CR>*

Follow the instructions of Alice.  
Type **STOP** to leave Alice.

## 6. Logon to Alice from a VAX connected to DECnet

This technique should be used for all terminals logged on to a VAX computer connected to DECnet.

Logon to your system.

...> **SET HOST 23077** or **SET HOST UXLIB**

If the Alice system is up and running, you should see:

*ALICE  
UXLIB VAX/VMS n.n  
CERN Library Service*

**Username : ALICE**

A new screen with the following information will be displayed:

*ALICE - The CERN Library System  
Terminal selection*

- 1..... VT220 or compatible terminals.  
Including, VT320, Falco, D2, D3.*
- 2..... VT100 or compatible FULL SCREEN TERMINALS.  
Including, D1, PA, PC, Macintosh.*
- 3..... TTY or compatible LINE MODE TERMINALS.*

*Please Select : n*

i.e. type the number appropriate to your terminal followed by <CR>  
For the set-up of a VT220 terminal see page 1.

Follow the instructions of Alice.  
Type **STOP** to leave Alice.

## Appendix A. Diagram of Connections

