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DECUS NO.	8-189
TITLE	LKDN: Look into the Directory Name Block
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SOURCE LANGUAGE	PAL-D

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Operating Procedure:

Load the program and start at 2ØØ. The program will respond by typing "FILE:" Now the user can enter any file name of up to four characters, followed by a carriage return. A back arrow will cancel what the user has typed, and the program will wait for the next file name. If the file is not on the disc, the program will type "NO SUCH FILE" and wait for the next file name. If more than four characters are entered for the file name, the program will type "?" and wait for the next file name. If a control C (↑C) is typed, control will be returned to the monitor.

When a successful file name has been entered, the program will type the directory entry location-disc block and word in octal-, the entry point (starting address), the internal file number, the program type, the number of blocks it occupies on the disc, and the memory bank.

Then the program will ask "PAGE ASSIGNMENTS"? If the user types "N", the program will return to the beginning and wait for the next file name. If the user types "Y", the program will type a list of the core pages used by the given file and the disk block on which each is stored. This will be done for both contiguous and non-contiguous pages. After completing this list, the program will return to the beginning and wait for the next file name.

All output is in octal. Note that file extensions are not accepted in giving a file name. Therefore, if the directory contains two files with the same name--differing only in the extension--LKDN will look only at the one with the lower internal file number.

```
.LKDN

FILE:  ABCDE
?

FILE:  ABCD
NO SUCH FILE


FILE:  LOAD
DIRECTORY ENTRY LOCATION -  BLOCK177.22
ENTRY POINT  - 7000
FILE NUMBER - 4
PROGRAM TYPE - SYSTEM
NUMBER OF BLOCKS = 3
MEMORY BANK =  0
PAGE ASSIGNMENTS?Y

CORE   DISK
PAGE   BLOCK
34      12
35      13
36      14


FILE:  BARB
DIRECTORY ENTRY LOCATION -  BLOCK177.77
ENTRY POINT  - 400
FILE NUMBER - 15
PROGRAM TYPE - USER
NUMBER OF BLOCKS = 6
MEMORY BANK =  0
PAGE ASSIGNMENTS?Y

CORE   DISK
PAGE   BLOCK
 0      252
 2      253
10      254
11      255
12      256


FILE:  LKDN
DIRECTORY ENTRY LOCATION -  BLOCK177.15
ENTRY POINT  - 200
FILE NUMBER - 3
PROGRAM TYPE - SYSTEM
NUMBER OF BLOCKS = 6
MEMORY BANK =  0
PAGE ASSIGNMENTS?N


FILE:
.
```