

**PACKAGE ID** - 000435CY0MP00 LK

**KWIC TITLE** - Look At (Search) Large Files

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**LIMITATION CODE** -UNL                   **AUDIENCE CODE** - UNL

**COMPLETION DATE** - 12/24/1991   **PUBLICATION DATE** - 12/24/1991

**DESCRIPTION** - Scanning large files for information can be time  
consuming and expensive when using edit utilities on large  
mainframe computers. The reason is that editors must usually load  
the file into a buffer.

**PACKAGE CONTENTS** - Media Directory; Software Abstract; LK User's Guide;  
Media Includes Source Code;

**SOURCE CODE INCLUDED?** - Yes

**MEDIA QUANTITY** - 1 3.5 Diskette

**METHOD OF SOLUTION** - LK provides a fast read/search/extract capability  
which gets results quickly, even on very large files since it is  
designed to read/write only and requires no buffer.

**COMPUTER** - CRAY X-MP

**OPERATING SYSTEMS** - UNICOS 6.1

**PROGRAMMING LANGUAGES** - FORTRAN 77

**SOFTWARE LIMITATIONS** - LK cannot change files

**SOURCE CODE AVAILABLE (Y/N)** - Y

**UNIQUE FEATURES** - User can extract portions of files, scroll left and  
right, search with an 'or' capability, merge file segments from  
current and subsequent target files, view in selected  
colors/highlights, use on-line help. LK has 29 options, each  
invoked as one-character stroke followed by other parameters as  
needed, usually on the command line.

**OTHER PROG/OPER SYS INFO** - The Fortran 77 program lk3. for needs to be  
compiled and loaded as lk3. The executable lk3 is invoked by the  
script lk. The script lk should be modified as needed by the user  
to define the path to lk3.

**HARDWARE REQS** - 77k memory

**TIME REQUIREMENTS** - LK is interactive, therefore run time depends on  
the user.

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**TIME REQUIREMENTS - (CONT)**

**REFERENCES** - J.E. Mullaney, LK User's Guide, WHC-MR-0283, December 24,  
1991.

**ABSTRACT STATUS** - Submitted July 1992.

**SUBJECT CLASS CODE** - L

**KEYWORDS** -

COMPUTER PROGRAM DOCUMENTATION  
L CODES  
INFORMATION RETRIEVAL

**EDB SUBJECT CATEGORIES** -

990200 990300

**SPONSOR** - DOE/DP

**PACKAGE TYPE** - AS - IS