

PACKAGE ID - 000587IBMPC01 BARS/SSC/SPHINX4.0

KWIC TITLE - BARS Bibliographic Data Retrieval System

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

COMPLETION DATE - 08/01/1993 **PUBLICATION DATE** - 06/01/1993

DESCRIPTION - BARS is a program which allows retrieval of information from suitable bibliographic databases. Two databases are included, SSC and SPHINX, which together list bibliographic information for some 12,000 references related to the fields of shock compression of condensed media, high rate deformation of solids, and detonation.

PACKAGE CONTENTS - Media Directory; Software Abstract; SAND93-1391;
Media Includes Executables;

SOURCE CODE INCLUDED? - No

MEDIA QUANTITY - 2 5.25 Diskettes

METHOD OF SOLUTION - BARS uses the commercial askSam database management system.

COMPUTER - IBM PC

OPERATING SYSTEMS - DOS version 3.0 or higher.

PROGRAMMING LANGUAGES - askSam

SOFTWARE LIMITATIONS - The PC requires 640 kbytes of memory and 10 Mbytes free hard disk space. An included runtime module askSam is limited to a single user. A network version of askSam may be purchased from askSAM Systems.

SOURCE CODE AVAILABLE (Y/N) - N

UNIQUE FEATURES - BARS makes optimum use of askSam retrieval speed. It provides sophisticated formatting of bibliographic reference data. The SSC and SPHINX bibliographic databases are unique in the field of shock compression of condensed media, high rate deformation of solids, and detonation.

RELATED SOFTWARE - BARS requires a read-only runtime version of askSam database management software. A full version of askSam may be purchased from askSam Systems for data entry or editing to construct additional bibliographic databases.

OTHER PROG/OPER SYS INFO - Data files must carry the extension .ASK.
BARS requires the use of the askSam database program, of which a

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OTHER PROG/OPER SYS INFO - (CONT) read-only runtime version is included under license from askSam Systems, SeaSide Software, Inc. PO Box 1428, Perry FL, 32347 USA. Distribution is via self-extracting files compressed using PKARC under license from PKWARE Inc, 7545 North Port Washington Rd., Glendale WI, 53217, USA. DOES NOT CONTAIN SOURCE CODE.

HARDWARE REQS - IBM or compatible PC running DOS 3.0 or higher with 640 kbytes memory and 10 Mbytes free hard disk space. Use of 5 Mbytes of extended memory speeds execution.

TIME REQUIREMENTS - Vary with computer and search specification, usually less than a minute on 386 PC or higher.

REFERENCES - W. Herrmann, BARS Bibliographic Retrieval System, SAND93-1391, June 1993.

ABSTRACT STATUS - Submitted June 1993. Released June 1993 AS-IS. Version 4.0 submitted August 1993. Released AS-IS August 16, 1993.

SUBJECT CLASS CODE - WM

KEYWORDS -

COMPUTER PROGRAM DOCUMENTATION
B CODES
INFORMATION RETRIEVAL
SHOCK WAVES
DEFORMATION
DETONATION LIMITS
DATA BASE MANAGEMENT
INFORMATION DISSEMINATION
LIBRARIES
WAVE PROPAGATION
EXPLOSIONS
MATERIALS

EDB SUBJECT CATEGORIES -
990200 990301 665000

SPONSOR - DOE/DP

PACKAGE TYPE - AS - IS