PROGRAM
PRODUCT
SPECIFICATION

EDITOR
Type Number: 6226-00

SECTION I

Editor is an interactive facility used to create files, add, delete and modify text, copy files, and concatenate files.

Editor provides extensive facilities for creating and updating records in Library files, spool files, and data files. Files may consist of Editor commands or commands intermixed with data. These command files may be executed at any time.

Editor operates on a file in its working space, which minimizes references to storage. More important, during processing of a file brought from storage into the workarea, the file that resides in storage is closed except during the accesses required to read or write the file. This means that a system failure is less likely to cause the user's file in storage to become inaccessible. Also, while the file is in working space, the storage file may be considered to be a "back-up" file. If a mistake is made in editing the working space file, the storage copy may be accessed to correct the mistake.

Because of its extensive editing functions coupled with it's interactive and background processing capabilities, the Editor has proven to be a powerful facility.

PRODUCT FEATURES

- Has a powerful set of commands to permit creation of editor procedures that allow extremely flexible user-written editing functions tailored to the user's needs.

- Up to 10 variables are defined with flexible manipulation characteristics to simplify procedure construction and data entry of repetitious text.

- Is callable as a subroutine to permit continuity with specific language prescanners that do language dependent syntax checking, such as RPG.

EDITOR COMMANDS ARE:

CHANGE   –   allows a search string to be changed to a change string.

COPY   –   permits copying of lines.

DELETE   –   permits lines to be deleted based on a line range or search string.

FIND   –   locates a search string.

FSTATUS   –   permits a file directory to be entered into the workspace.

INSERT   –   inserts text in a line at a specific location.

LIST   –   creates printer output of the specified lines.

MOVE   –   moves lines from one location to another.

NUMBER   –   automatic numbering of input lines.

PRINT   –   displays lines on the terminal.

PUNCH   –   produces punched card output for the specified line range.

READ   –   copies user defined files into an EDITOR workspace file.

SEQUENCE   –   places a user defined sequence value into the EDITOR workspace records (lines); each value being greater than the previous one by a user defined increment.

UPDATE   –   permits inspection and modification of lines dynamically in the work-space.

WRITE   –   copies EDITOR workspace file to a new user defined file or, optionally, overwrites an existing user defined file.

Each of these commands can be made more specific by the use of the following modifiers:

ALL   –   requests every occurrence in the line to be modified.

BY   –   specifies an increment for certain commands.

COLUMN   –   restricts operations to be limited to the specified column range.

FIRST   –   processing is terminated after the first specified line has been fully processed.

ON   –   specifies one or more line ranges.

NOT   –   operation specified is performed if specified string is *not* found.

SHOW   –   specifies restricted column ranges for I/O function processing.

TO   –   specifies either a change string or destination line range.

SOFTWARE REQUIREMENTS

Editor requires the following OS/3 software products for operation:

- SCS -   OS/3 System Control Software

- ESS -   OS/3 Extended System Software (spooling is needed to use the @LIST and @PUNCH commands)

HARDWARE REQUIREMENTS

Editor will operate on any System 80 model and configuration that meets the minimal hardware configuration requirement for that specific model and satisfies the main storage requirements specified in the software release documentation accompanying each release.

Additional main memory and/or peripheral devices may be required, depending upon the user's selection of the system's supported features and size of user's programs, files, and/or data bases.

SECTION II

CUSTOMER EDUCATION

Sperry Univac makes available customer education related to this program product. Course availability and schedules are contained in the published course catalog. Charges for courses will be at the then prevailing rates. Customers should contact their local Sperry Univac representatives for enrollment procedures.

PROGRAM PRODUCT SUPPORT

Sperry Univac will endeavor to correct any significant error in an unaltered current release of the Program Product, which the customer brings to the attention of Sperry Univac in accordance with established correction procedures. Sperry Univac does not represent or warrant that all errors will be corrected. This error correction service may result from time to time, in update releases which the customer will install. Sperry Univac reserves the right to alter the classification of this Program Product to reflect changes in policy or support requirements.

ORDERING INFORMATION

This Program Product and its associated documentation may be leased from Sperry Univac at separately stated lease charges. Upon execution of a Supplement for Program Products (FORM UD1-1306) or its equivalent for this Program Product, the following will be provided:

1. A magnetic tape, diskette(s) or removable disk media in OS/3 Operating System format containing:

    -   EDITOR

    -   The Installation Verification Program

2. One copy of the associated documentation:

    -   Software Release Documentation

    -   EDITOR
        User Guide and Programmer Reference, UP-8828

    -   Editor Introduction, UP-8827

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