

SECTION I

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

The Editor provides extensive facilities for creating and updating records in library files, spool files, and data files. Files may consist of data, Editor commands, or the two intermixed.

Operations on a user file are performed in an Editor work space file created by the Editor. The file on which the Editor is working is closed, except for the time necessary to read or write the file. This means a system failure is less likely to cause the file to become inaccessible. This also makes the Editor work space file a "backed up" file. Should the data in the Editor work space become compromised or should a mistake be made, the user's original file can serve as a backup file with which the user can recover or correct the mistake.

PRODUCT FEATURES

The System 80 Editor:

- 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.
- Permits up to 10 variables to be utilized with flexible manipulation characteristics to assist in procedure construction.
- Activates the Error File Processor. This is a software product that displays the error file created when a source program is compiled. After viewing the error file, the user may use the Editor to correct his source program based on the diagnostic information provided in the error file.
- Provides a consistent and easy-to-use method of entering source input. The Editor allows the user either to enter source code on a line-by-line basis or to enter source code using screen displays formatted for the following languages (without syntax checking): RPG II, COBOL, FORTRAN.

EDITOR COMMANDS

- 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 work space.
- 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 work space file.
- SEQUENCE - places a user defined sequence value into the Editor work space 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 the Editor work space 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 - terminates processing after the first specified line has been fully processed.
- ON - specifies one or more line ranges.

- NOT - specifies that the operation specified is performed if the 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

The 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

The Editor will operate on any System 80, 90/25, 30, or 40 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 storage and/or peripheral devices may be required, depending upon the user's selection of the system's supported features and size of the 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 are at the prevailing rates. Customers should contact their local Sperry Univac representative for enrollment procedures.

PROGRAM PRODUCT SUPPORT

Sperry Univac endeavors to correct any significant error in an unaltered current release of the Program Product that 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 that 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 the appropriate Consolidated Agreement or Supplemental Agreement, the following will be provided:

1. A magnetic tape or diskette(s) in OS/3 Operating System format
2. One copy of the associated documentation