OS/3 | PROGRAM PRODUCT SPECIFICATION

RPG II Group
RPG II
Auto Report
RPG II Editor

Type Number: 6219-XX

SECTION I

The SPERRY UNIVAC Operating System/3 (OS/3) Report Program Generator II (RPG II) Group provides an industry-compatible RPG II with extensions for ease of programming and maintenance.

PRODUCT FEATURES

The RPG II system provides program generation and data processing functions to produce reports and output files. Common report features such as input data selection, editing, calculations, multiple report files, summarizing control breaks, and file updating are provided.

Major extensions and capabilities are:

- An auto report facility accepts simplified specifications and standard RPG II source statements and generates a complete RPG II source program. By simplifying programming, auto report increases programmer productivity.

- RPG II source statements for the following systems can be compiled:

  - IBM System/3
  - IBM 360, 370 systems
  - SPERRY UNIVAC 9200/9300 systems
  - SPERRY UNIVAC OS/4 systems
  - SPERRY UNIVAC OS/3 systems

- IMS action program support

- Workstation support

- Communications support for batch and interactive terminals

- Formatted error analysis capability

- The RPG II editor allows RPG II programs to be easily created and edited from a workstation or terminal. Features provided with the RPG II editor are:

    - Automatic formatting
      Statements may be entered in positional, formatted, or free form format and are reformatted into the standard RPG II images. The positional displays allow for using the tab key to automatically place the cursor at the beginning of a new field. The formatted displays involve templates that define each field by its name and column number. Images may also be entered in the standard RPG II format by using the free form display.

    - Error diagnosing
      Syntactic errors are diagnosed immediately and the user is given the option to correct the problems and retransmit the lines.

    - Editing capabilities
      The full capabilities of the general editor are available.

SOFTWARE REQUIREMENTS

The RPG II group requires the following OS/3 software products for operation:

- SCS – OS/3 system control software (6210-XX)

- ESS – OS/3 extended system software (if screen format services are utilized) (6211-XX)

- ICAM terminal support facility (if required) (6231-XX)

- Editor (if RPG II editor is utilized) (6226-XX)

HARDWARE REQUIREMENTS

The RPG II group will operate on any System 80 or Series 90 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 on the user's selection of the system's supported features and the size of the user's programs, files, and 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 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 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 licensed from Sperry Univac at separately stated 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 format.

2. One copy of the associated documentation.