SECTION I

The Remote Terminal Processor·(RTP) provides a SPERRY UNIVAC Operating System/3 (OS/3) with a remote job entry system interconnect capability to a remote IBM central site host system. RTP provides support of the HASP multileaving protocol using binary synchronous communication (BSC) facilities. RTP may be used in place of IBM HASP workstations operating under control of IBM host systems using the following IBM software subsystems:

- HASP (Houston automatic spooling program)

- ASP (asymmetrical multiprocessing system)

- JESII and JESIII (job entry subsystem)

PRODUCT FEATURES

RTP supports the following features:

- Binary synchronous operation (BSC)

- Transmission speeds from 2,000 to 56,000 bits per second

- Half duplex mode of operation with 2-way alternate transmission on half duplex and full duplex lines

- Byte-oriented protocol in EBCDIC or ASCII

- Point-to-point switched (dialed) or direct connection

- Support of multiple IBM host connections. Each connection provides support of a card reader and multiple punch, printer, and tape devices, although only one device may be physically configured on OS/3.

- Entry of input job streams to the IBM host from an OS/3 card reader or diskette

- Output of IBM punched cards to an OS/3 card punch or diskette

- Output of IBM printer files with forms control

- Transmission and receipt of tape files with standard and nonstandard labelled format for single- and multi-volume files

- Dialogue between an OS/3 operator and an IBM host operator

- Support of multileaving, interleaving, and data compression for a more efficient and cost effective communication environment

The RTP runs under the control of OS/3 as a communications user program job. RTP functions as a multileaving workstation and consists of multiple tasks supporting the communications functions; the reader, printer, punch, and tape interpretation functions; and the operator dialogue and associated control functions.

RTP uses the OS/3 consolidated data management interface for peripheral device control and as such uses and provides all the benefits of the OS/3 spooling facility.

RTP is generated by the user to tailor his configuration based on the functions and device types and IBM connection requirements.

SOFTWARE REQUIREMENTS

The RTP requires the following OS/3 software products for operation:

- SCS – OS/3 System Control Software (6210-XX)
    (Included with any Series 90 or System 80 processor)

- Extended system software (6211-XX)

- ICAM Terminal Support Facility (6231-XX)

HARDWARE REQUIREMENTS

The RTP operates on any System 80 or Series 90 model and configuration that meets the minimal hardware configuration requirements for that specific model and satisfies the main storage requirements specified in the software documentation accompanying each release.

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

Communication Adapters:

- System 80 – Single-line Communications Adapter, F2788-02 or F2788-03.

- Series 90 – Communications Adapter, F1826-00 or F1827-00.

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 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 this 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.