

SERIES 90 - OS/3

# PROGRAM PRODUCT SPECIFICATION

NTR  
System Utility

Type Number: 6230-00

## SECTION 1

The Nine Thousand Remote (NTR) system utility provides the ability for a 90/25-30-40 to act as a remote batch terminal to an Series 1100 system. NTR may run concurrently with other jobs. The user is afforded data transmission control, operator-to-operator communications, and control features for status and command functions between both systems. NTR controls local input and output tasks through use of a combination of data management macroinstructions and a set of special macroinstructions for user own code control of device buffers. The utility is operated and directed via unsolicited console directives. These directives enable sign-on, device initiation, file initiation, job/data transfer and console-to-console communication.

## PRODUCT FEATURES

The following are a few examples of NTR applications:

- Transfer device dependent (fixed image) files between systems from devices such as card readers, card punches and printers.
- Transfer device independent (variable image) files between systems from devices such as disks, diskettes, and tapes.
- Submit jobs between systems to better utilize system resources.
- Transfer files between systems.
- Spool multiple files between systems (Interface to OS/3 Spool Facility).
- Provide status information and operator communications between systems.
- Display, print or punch Series 1100 system files, reports, and status on the 90/25-30-40.

Data may be sent or received from any logical device presently supported by the systems listed under hardware requirements with up to 14 devices maximum. Data may be input or output from any card, print, tape or disk-oriented data management file containing fixed or variable length records. Card and printer interfaces (direct or spooled) are supplied. Others must be written as user-own code, using the Assembler. Both systems must have identical logical devices.

## **SOFTWARE REQUIREMENTS**

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

- SCS - OS/3 System Control Software
- ESS - OS/3 Extended System Software (if Spool Facility is utilized)
- ICAM Terminal Support Facility
- Assembler (if user own code facility is utilized)

## **HARDWARE REQUIREMENTS**

NTR will operate on any 90/25, 30 or 40 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'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 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:
  - NTR
  - Installation Verification Program
2. One copy of the associated documentation:
  - Software Release Documentation

Note: NTR documentation is included with ICAM Terminal Support Facility Documentation.

