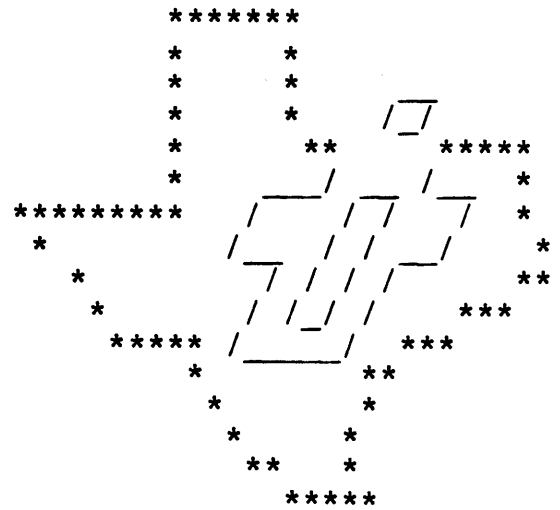


DATA SYSTEMS GROUP



D N O S

D N C S N U C L E U S

U P D A T E D O C U M E N T

Release 1.1.0

Part Number 2308924-9901**

1 February, 1983

Texas Instruments
Incorporated

Sheet 1 of 4

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SECTION 1

GENERAL INFORMATION

1.1 INTRODUCTION

This document contains information about changes or enhancements made to the DNCS Nucleus product for release 1.1.0.

1.2 OBJECT INSTALLATION

The Object Installation procedures for the DNCS family of products have been enhanced to install the products on a configuration basis instead of on a product basis. This procedure requires that a DNCS parts volume be available which is large enough to hold the software. Refer to the DNCS Nucleus Release Information for details on disk size requirements.

1.3 ENHANCEMENTS

The following is a list of new software supported in release 1.1:

1. Service Queue (SVQ) utility is a work scheduling utility which provides for time-delayed execution of requests, provides an alternative means of accessing an SNA host, and frees terminals for other foreground and background activity
2. SDLC device support for both the FCCC and BCAIM communication hardware.
3. Switched line support for SDLC circuits.
4. Communications Network Management (CNM) services command Request Maintenance Statistics (types 1, 2, and 5) from the SSCP in the host node.

5. X.25 Remote File Transfer (RFT) product support.
6. Network Interface Adaptor (NIA) support for allowing SNA protocols over an X.25 circuit.

The following is a list of enhancements made for release 1.1:

1. DNCSGEN enhancements for support of X.25 RFT, NIA, and verification on configurations.
2. XDNCS/TDNCS SCI procedures have been reworked. The DNCS memory resident segments are loaded upon execution instead of termination of DNCS. A new task, DNCSINIT, implements this change.

1.4 DOCUMENTATION

The DNCS Operations Guide has been reissued for release 1.1. This includes deleting the system generation sections and adding sections for new product support. All DNCS system generation reference material has been combined into a new manual for release 1.1, called the DNCS System Generation Reference Manual.

1.5 DNOS ENHANCEMENTS

The DNOS 1.1 system generation utility has been enhanced to no longer require a TILINE/CRU ADDRESS to be entered for communication devices. The user may enter NONE for TILINE/CRU ADDRESS during DNCS IPC device definitions.

The DNOS Common Communication software (DNCMD) has been added to the DNOS shipped disk volume under the directory .S\$OSLINK.