Network Operations Systems
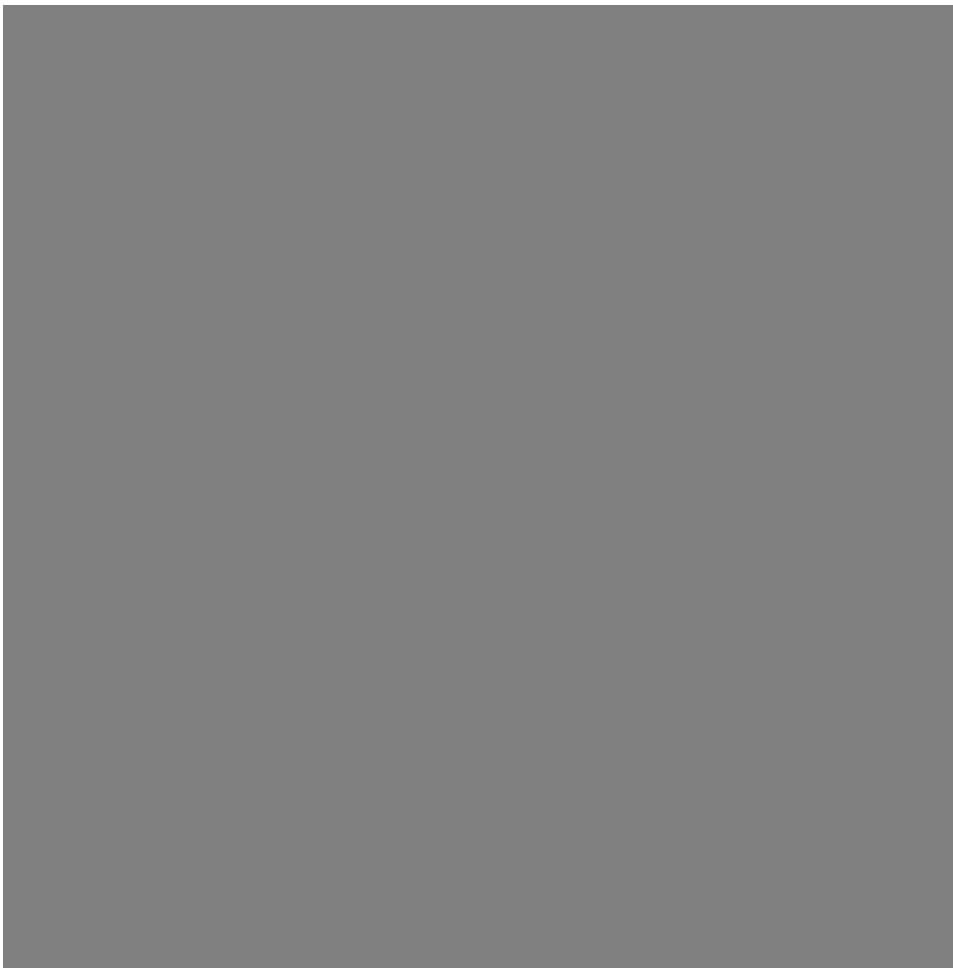# Business Network Management

DNC-500: Index of Publications

NSR28 and up   March 1991   Standard

northern telecom

Network Operations Systems

Business Network Management

DNC-500: Index of Publications

Publication number: 450-1021-001
Document Status: Standard
Document release: NSR28 and up
Date: March,1991

Contents

Introduction

The business network management (BNM) library consists of Northern Telecom Practices (NTPs). These publications support the BNM application of your Dynamic Network Control (DNC) System.

Publications in the BNM library relate to the following topics:

- general descriptions and specifications
- equipment ordering and installation
- administration
- operation and maintenance

Publications in the library

Chapter 2 lists the publications that make up the library for your DNC-500 with BNM. This library is divided into three groups:

- Business network management publications
- Dynamic network control publications
- other publications of interest with numbers outside the BNM and DNC division

Publications in chapter 2 are listed with the following information:

(a) **Number:** the number is in the general form xxx-yyyy-zzz.

- xxx is the division number of the system. 450- denotes the Network Operations System. Your equipment and application are part of this system. 297 denotes the DMS *-100 family set of publications. 456 denotes the host mediation services set of publications, required when the COSMOS interface is installed in the system.

- yyyy is the layer number of the system. The following layer numbers apply to the BNM and DNC systems:

  - the -1011- layer denotes publications common to all applications of DNC

  - the -1021- layer denotes publications unique to the BNM application

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- zzz is the type of information in the publication:
    - the -100 series contains descriptive information
    - the -200 series contains ordering and installation information
    - the -300 series contains operating and maintenance information

(b) **Vintage:** is the network software release (NSR) to which the publication applies.

(c) **Rating:** is the rating of the publication. Publications start as draft (no distribution outside of NT/BNR), proceed to preliminary (limited distribution), and end up as standard (general distribution).

(d) **Issue Date:** is the date the information content of the publication was finalized

(e) **Title:** is the title , as it appears on the publication

Change history

This section provides information on the additions and deletions to the lists for the current release of the BNM software using the DNC-500.

NSR32

This publication has been updated to include new releases of NTPs for NSR28-32. Changes were made to include centralized maintenance and administration position (CMAP) passthru security improvements, data collection enhancements, customer capacity enhancements, and routing plan changes. This effects the following NTPs:

- 450-1021-101   DNC-500: Features Description
- 450-1021-151   DNC-500: System Data
- 450-1021-311   DNC-500: Operations.
- Appendix 1 to   BNM-Specific Log Messages and Maintenance.
  450-1021-511
- NUG-1001-100A   BNM User Guide.
- NUG-1001-100B   BNM Station Administration Guide

NSR31

This publication has been updated to include new releases of NTPs for NSR28-31. Changes were made to include station message detail recording (SMDR) masking on a customer basis. This effects the following NTPs:

- 450-1021-101   DNC-500: Features Description
- 450-1021-151   DNC-500: System Data

NSR30

This publication was reissued to update the publication lists to NSR28-30.

NSR28

This publication was reissued to identify the publications that apply to the NSR28 release of the BNM software. The following major changes were made:

- 450-1021-131, 450-1021-141, 450-1021-142, and 450-1021-331 were introduced for this release

- the publications in table 2-D are no longer available, and are therefore removed from this publication

NSR27

This publication was reissued to identify the publications that apply to the NSR27 release of the BNM software.

NSR26

This publication was reissued to identify the publications that apply to the NSR26 release of the BNM software. The following major change were made to table 2-A

- 450-1021-151 has a name change to "System Data"

- Appendix 1 to 450-1021-311 has a name change to "DNC-500: Operations (Station Administration)"

- 450-1021-511 now contains base DVS and base DNC information. The title of this NTP has been changed to "A Guide to DNC Logs and Alarms".

- Appendix 1 to 450-1021-511 now contains BNM specific information, its name has been changed to "BNM-Specific Log Messages and Maintenance".

NSR24

This publication was reissued to identify the publications that apply to the NSR24 release of the BNM software. The following major changes are incorporated

- 450-1011-151 and 450-1011-152 have been added to table 2-B

- P6238 was cancelled and deleted from table 2-D

Index of publications

This index lists publications that are required for each business network management (BNM) installation. They are listed in the following order:

- Business network management publications for DNC-500
- Dynamic network control publications
- Related publications

Table 2-A
Business network management publications for DNC-500

Publication Number	Vintage/ Rating	Issue Date	Title
450-1021-001	NSR28 and up Standard	March 1991	**DNC-500 Index of Publications:** (this document) a list of publications that apply to BNM on DNC-500.
450-1021-101	NSR28 and up Standard	March 1991	**DNC-500: Features Description:** a description of the types of feature data that a BNM system gathers and the analyses and reports available.
Appendix 1 to 450-1021-101	NSR28 and up Standard	March 1991	**DNC-500: Station Administration Features Description:** is a description of the station administration options of the BNM application.
450-1021-131	NSR28 and up Standard	March 1991	**Switch/PBX Poller: Description:** describes the purpose and function of the switch/PBX poller (SPP).
450-1021-141	NSR28 and up Standard	March 1991	**ISDN LMOS (THROUGH CRAS) Interface:** is a description and operations publication for the LMOS interface system.
450-1021-142	NSR28 and up Standard	March 1990	**OSS Automatic Station Administration Change Update:** is a description and operations publication for the COSMOS interface system using HMS.
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Table 2-A (Continued)
Business network management publications for DNC-500

Publication Number	Vintage/ Rating	Issue Date	Title
450-1021-151	NSR28 and up Standard	March 1991	**DNC-500: System Data:** contains system data for the DNC-100 and DNC-500 systems in BNM applications.
450-1021-181	NSR28 and up Standard	March 1991	**SMDR Interface Specification:** detailed description of the SMDR Data Spooling feature interactions with an external host or terminal. It describes login sequences, character sequences for commands, output character strings, and report formats. It also describes physical requirements, such as modems, speeds etc.
450-1021-311	NSR28 and up Standard	March1991	**DNC-500: Operations:** step-by-step procedures for each task that a BNM user may be called on to perform in order to collect and analyze feature data and maintain the system.
Appendix 1 to 450-1021-311	NSR28 and up Standard	March 1991	**DNC-500: Operations (Station Administration):** an explanation of how to use the station administration options of the BNM application.
450-1021-331	NSR28 and up Standard	March 1991	**Switch/PBX Poller: Administration and Operation:** step-by-step procedures for the tasks necessary for configuring node groups and communications ports, scheduling poll jobs, and generating poll variance and history logs.
450-1021-351	NSR27 and up Standard	March 1991	**DNC-500: BNM related Datafill for DMS-100:** a detailed outline of the changes and additions required to the tables configuring a DMS-100 switch that is being connected to a DNC system running the BNM application; includes the general procedures involved, and references to the appropriate DMS-100 documentation.
450-1021-454	NSR27 and up Standard	March 1991	**Data Forms:** a set of forms designed to record all the information necessary to configure a new BNM system for a customer.
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Table 2-A (Continued)
Business network management publications for DNC-500

Publication Number	Vintage/ Rating	Issue Date	Title
450-1021-511	NSR28 and up Standard	March 1991	***A Guide to Logs and Alarms:*** describes the log and alarm subsystems of the DNC systems, and lists the log messages produced by the base DVS and base DNC software.
Appendix 1 to 450-1021-511	NSR28 and up Standard	March1991	***BNM-Specific Log Messages and Maintenance:*** describes the alarm indications and log messages produced by the DNC-500, DNC-100, and DNC-50 systems operating with BNM.
NUG-1001-100A	NSR28 and up Standard	March1991	***BNM User Guide:*** Introduces some of the basic components and features of the telephone network, introduces the various parts of the BNM system, and explains the operation of the basic features of BNM.
NUG-1001-100B	NSR28 and up Standard	March 1991	***BNM Station Administration Guide:*** Explains the station administration features of BNM that are available to the end user.

Table 2-B
Dynamic network control practices

Practice Number	Vintage	Rating	Title
450-1011-019	NSR26 and up	Standard	***A Guide To Service Priority Classification Codes:*** explains the priority classifications that NT assigns to customer-reported problems, and explains the resolution objective for each classification.
450-1011-100	NSR28	Standard	***General Description:*** an introduction to the DNC-500, DNC-100, and DNC-50. This practice also gives an overview of the user interface on DNC and its general operation.
450-1011-151	NSR28	Standard	***Provisioning Guide:*** detailed equipment descriptions (not all equipment may be used by BNM), ordering information for replacement parts, and forms for calculating equipment quantities (these are not used for BNM at this time).
450-1011-152	NSR24 and up	Standard	***Site Records:*** a series of worksheets, with instructions, that can serve as an office record of a DNC Installation.
450-1011-200	NSR26 and up	Standard	***Installation Planning Guide:*** floor plans, environmental requirements, ordering codes, and general preparations for DNC-100 or DNC-500.
450-1011-201	NSR27 and up	Standard	***Installation Guide for Cabinet Systems:*** step-by-step instructions on how to install a DNC-100 or DNC-500.
450-1011-301	NSR28	Standard	***A Guide to System Administrative Services:*** step-by-step procedures for each task that an administrator may be called on to perform, to administer or maintain the DNC, for any application.
450-1011-302	NSR28	Standard	***A Guide to DNC Base Software Installation:*** provides detailed instructions for the installation of NSR28 base software, which must be installed before the BNM software.
450-1011-501	NSR27 and up	Standard	***Maintenance and Troubleshooting Guide:*** provides instructions for routine maintenance tasks, troubleshooting procedures, and cabinet subassembly replacement information.
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Table 2-B (Continued)
Dynamic network control practices

Practice Number	Vintage	Rating	Title
450-1011-505	NSR24 and up	Standard	*A Guide To Extended Diagnostics:* provides instructions for running and interpreting the extended diagnostics that are available for certain system components.
450-1011-511	NSR28	Standard	*A Guide To DNC Logs and Alarms:* a listing of log messages, with definitions and suggested actions.

Table 2-C
Other publications

Publication Number	Vintage	Rating	Title
297-1001-001		Standard	*Master Index of Practices:* contains a list of all DMS-100 family publications. Consult this index for the latest issue of the required publication.
456-2001-001		Standard	*Index of Publications:* contains a list of all HMS publications. Consult this index for the latest issue of the required publication.

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Business Network Management
DNC-500: Index of Publications

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