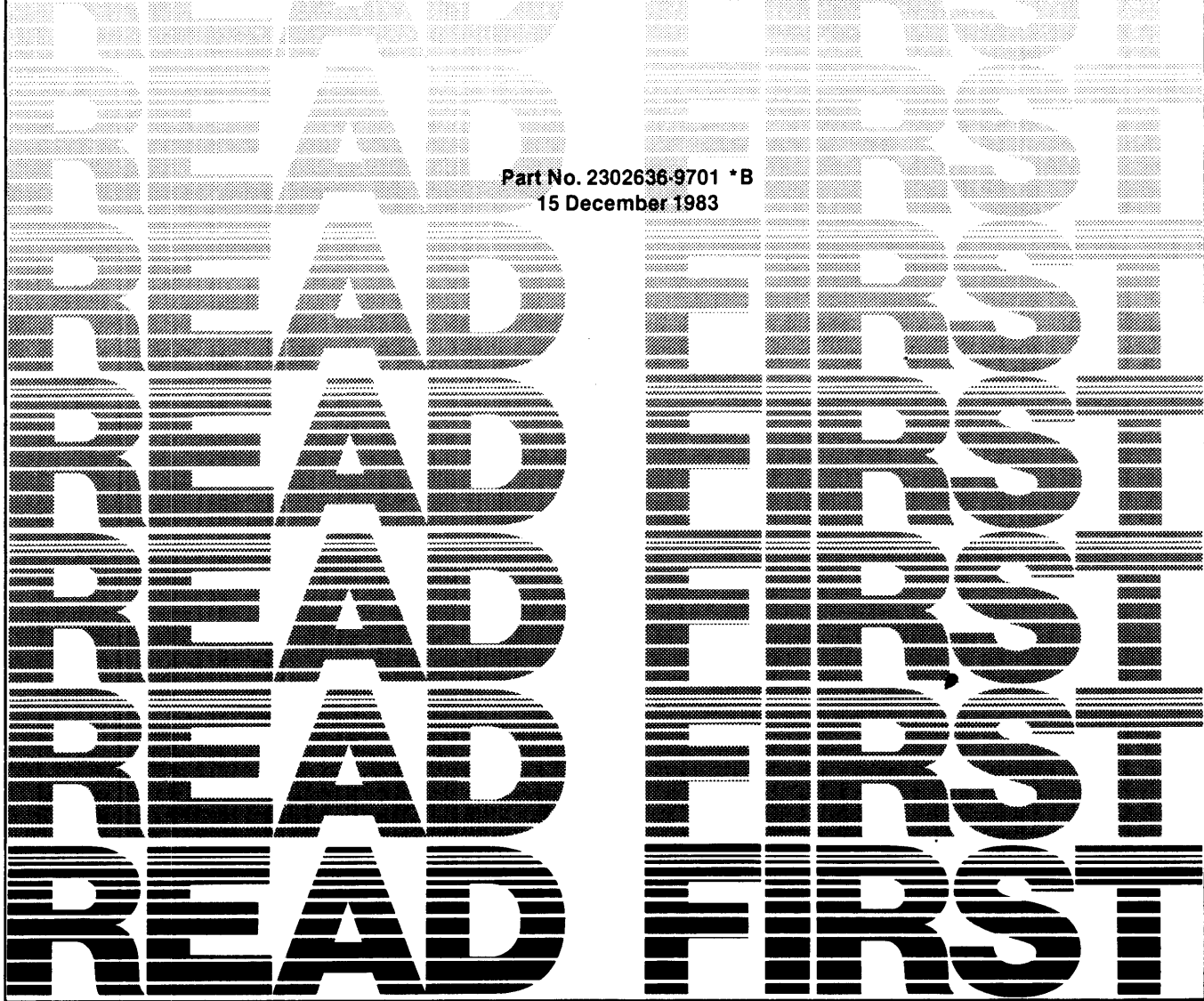


# ***DNOS DNCS/SNA Object Installation***

Part No. 2302636-9701 \*B  
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READ THIS DOCUMENT BEFORE ATTEMPTING TO USE THE OBJECT KIT.  
THIS DOCUMENT DESCRIBES RELEASE 1.2.0 OF THE DNCS/SNA EMULATOR  
OBJECT INSTALLATION MEDIA, PART NUMBER 2308308-1601 (DISK OR  
TAPE) OR 2308308-1602 (DISKETTE). REFER TO THE RELEASE  
INFORMATION, PART NUMBER 2308310-9901, FOR ADDITIONAL  
INFORMATION.

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MADE TO THIS OBJECT KIT.

## Section 1

### Introduction

#### 1.1 GENERAL INFORMATION

This document describes the installation of the DNCS/SNA Emulator object under DNOS.

Make a backup copy of the released object before executing the installation procedures. For copy procedures, refer to the DNOS Operations Guide, part number 2270502-9701.

Consult the DNOS DNCS/SNA Release Information, release 1.2.0, part number 2308310-9901, for additional information concerning the current release.

This installation document presents many System Command Interpreter (SCI) commands in batch format. You can execute these commands either by entering the entire command as shown or by entering only the command keyword and responding to the interactive prompts from SCI. For a discussion of the batch command format, refer to the DNOS System Command Interpreter (SCI) Reference Manual, part number 2270503-9701.

#### 1.2 MEDIA DEFINITION

Product shipments are made in the following formats:

- \* Disk -- A DS10, DS50, DS80, DS200, DS300, or CD1400 disk containing the object
- \* Diskette -- A double-sided, double-density (DSDD) diskette containing the object
- \* Magnetic Tape -- A cartridge tape or an 800 or 1600 bits-per-inch (bpi) magnetic tape containing the object
- \* Add-On -- A disk containing the object and one or more other products

### 1.3 INSTALLATION OVERVIEW

The installation process described in this document provides the steps required to prepare the DNCS/SNA Emulator object for installation.

### 1.4 SYSTEM REQUIREMENTS

To perform these installation procedures successfully, you must have a DNOS operating system (Release 1.2.0 or later) running on a Business System 300, 600, or 800 computer with at least 512K bytes of memory.

Consult the DNOS DNCS/SNA Release Information, release 1.2.0, part number 2308310-9901, for additional information concerning memory needed to satisfactorily execute your DNCS configuration.

## Section 2

### Preparing for Installation

#### 2.1 GENERAL

The DNCS/SNA Emulator object is shipped on various media and must be prepared prior to installation. The media must be restored to disk (if supplied on magnetic tape), copied to disk (if supplied on diskette), or used directly (if supplied on disk). This section describes how to prepare each type of media.

#### NOTE

The procedures outlined in this section require that the DNCS parts volume <dncsvolume> be installed as described in Section 2 of the DNOS DNCS Nucleus Object Installation.

#### 2.2 DOUBLE-SIDED, DOUBLE-DENSITY (DSDD) DISKETTE FORMAT

When you receive the object on DSDD diskette, perform the following steps:

1. Enable the write protection for the DNCS/SNA Emulator object diskette DCEMO by carefully removing the silver sticker from the diskette.
2. Load the DCEMO diskette in an available drive and make it ready.
3. Install the diskette volume by using the Install Volume (IV) command as follows:

IV U=<dsxx>, V=DCEMO

where:

<dsxx> is the name of the drive where the diskette is loaded.

4. Copy the contents of diskette DCEMO to the DNCS parts volume by using the Copy Directory (CD) command as follows:

```
CD I=DCEMO, O=<dnsvolume>.DCEMO, L=.LISTING
```

where:

<dnsvolume> is the name of the DNCS parts volume.

The file .LISTING contains a listing of the directory copied from diskette. Check this file for errors by using the Show File (SF) or Print File (PF) command.

5. Unload the diskette volume by using the Unload Volume (UV) command as follows:

```
UV V=DCEMO
```

6. Remove diskette DCEMO from the drive.
7. Assign the synonym DCEMO to the DNCS/SNA Emulator object directory by using the Assign Synonym (AS) command as follows:

```
AS S=DCEMO, V=<dnsvolume>.DCEMO
```

where:

<dnsvolume> is the name of the DNCS parts volume.

8. Proceed to paragraph 2.6 to continue the installation.

### 2.3 DISK FORMAT

When you receive the object on disk, perform the following steps:

1. Load the DNCS/SNA Emulator object disk DCEMO in an available drive and make it ready. Disable the disk write protection.
2. Install the disk volume by using the Install Volume (IV) command as follows:

```
IV U=<dsxx>, V=DCEMO
```

where:

<dsxx> is the name of the drive where the disk is loaded.

3. Copy the contents of disk DCEMO to the DNCS parts volume by using the Copy Directory (CD) command as follows:

```
CD I=DCEMO, O=<dncsvolume>.DCEMO, L=.LISTING
```

where:

<dncsvolume> is the name of the DNCS parts volume.

The file .LISTING contains a listing of the directory copied from disk. Check this file for errors by using the Show File (SF) or Print File (PF) command.

4. Unload the disk volume by using the Unload Volume (UV) command as follows:

```
UV V=DCEMO
```

5. Remove disk DCEMO from the drive.
6. Assign the synonym DCEMO to the DNCS/SNA Emulator object directory by using the Assign Synonym (AS) command as follows:

```
AS S=DCEMO, V=<dncsvolume>.DCEMO
```

where:

<dncsvolume> is the name of the DNCS parts volume.

7. Proceed to paragraph 2.6 to continue the installation.

## 2.4 MAGNETIC TAPE FORMAT

When you receive the object on magnetic tape, copy it to a disk as follows:

1. Create the DNCS/SNA Emulator object directory on the DNCS parts volume by using the Create Directory File (CFDIR) command as follows:

```
CFDIR P=<dncsvolume>.DCEMO, M=50
```

where:

<dncsvolume> is the name of the DNCS parts volume.



2. Assign the synonym DCEMO to the DNCS/SNA Emulator object directory by using the Assign Synonym (AS) command as follows:

```
AS S=DCEMO, V=<dncsvolume>.DCEMO
```

where:

<dncsvolume> is the name of the DNCS parts volume.

3. Enable the magnetic tape write protection. Then mount the tape on an available tape drive and make it ready.
4. Copy the contents of the tape to the DNCS/SNA Emulator object directory by using the Restore Directory (RD) command as follows:

```
RD S=<mtxx>, D=DCEMO, L=.LISTING
```

where:

<mtxx> is the name of the drive where the tape is mounted.

The file .LISTING contains a listing of the directory restored from magnetic tape. Check this file for errors by using the Show File (SF) or Print File (PF) command.

5. Unload the tape.
6. Proceed to paragraph 2.6 to continue the installation.

## 2.5 ADD-ON FORMAT

When you receive the object as an add-on, perform the steps in either paragraph 2.5.1, 2.5.2, or 2.5.3 depending on whether the add-on is received on the DNOS system disk, on a secondary disk with the DNCS nucleus, or on a secondary disk without the DNCS nucleus.

### 2.5.1 DNOS System Disk Add-On

If you receive the DNCS/SNA Emulator object add-on on the DNOS system disk and the system is running under that disk, perform the following steps:

1. Assign the synonym DCEMO to the DNCS/SNA Emulator object directory by using the Assign Synonym (AS) command as follows:

```
AS S=DCEMO, V=.DCEMO
```

2. Proceed to paragraph 2.6 to continue the installation.

### 2.5.2 Secondary Disk Add-On with DNCS Nucleus

If you receive the DNCS/SNA Emulator object add-on on a secondary disk that includes the DNCS nucleus object, perform the following steps:

1. Assign the synonym DCEMO to the DNCS/SNA Emulator object directory by using the Assign Synonym (AS) command as follows:

```
AS S=DCEMO, V=<dncsvolume>.DCEMO
```

where:

<dncsvolume> is the name of the DNCS parts volume.

2. Proceed to paragraph 2.6 to continue the installation.

### 2.5.3 Secondary Disk Add-On Without DNCS Nucleus

If you receive the DNCS/SNA Emulator object add-on on a secondary disk that does not include the DNCS nucleus object, perform the following steps:

1. Load the disk in an available drive and make it ready. Disable the disk write protection.
2. Install the disk volume by using the Install Volume (IV) command as follows:

```
IV U=<dsxx>, V=<addvolume>
```

where:

<dsxx> is the name of the drive where the disk is loaded.

<addvolume> is the volume name of the add-on disk.

3. Copy the DNCS/SNA Emulator object to the DNCS parts volume by using the Copy Directory (CD) command as follows:

```
CD I=<addvolume>.DCEMO, O=<dncsvolume>.DCEMO,  
L=.LISTING
```

where:

<addvolume> is the volume name of the add-on disk.

<dncsvolume> is the name of the DNCS parts volume.

The file .LISTING contains a listing of the directory copied from disk. Check this file for errors by using the Show File (SF) or Print File (PF) command.

4. Unload the add-on disk volume by using the Unload Volume (UV) command as follows:

```
UV V=<addvolume>
```

where:

<addvolume> is the volume name of the add-on disk.

5. Remove the add-on disk from the drive.
6. Assign the synonym DCEMO to the DNCS/SNA Emulator object directory by using the Assign Synonym (AS) command as follows:

```
AS S=DCEMO, V=<dncsvolume>.DCEMO
```

where:

<dncsvolume> is the name of the DNCS parts volume.

7. Proceed to paragraph 2.6 to continue the installation.

## 2.6 INSTALLATION COMPLETION

Proceed to paragraph 2.6 of the DNOS DNCS Nucleus Object Installation to continue the DNCS/SNA Emulator object installation.