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TEXAS INSTRUMENTS INCORPORATED DIGITAL SYSTEMS	drawing number 2276459-9901
	REV. *A SHEET 1 OF 5

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SECTION 1

INTRODUCTION

NOTE

If DBMS990 and DD990 are both used, DD990 must be released (by means of the RDD command) and DBMS990 must be ended (by means of the EDBMS command) BEFORE installing the new release of DBMS990. The following order of installation must be maintained: DBMS990, DD990,SORT/MERGE, and QUERY990.

1.1 Existing Database Files

Release 2.2.0 of DNOS DBMS-990 requires all existing database files from DX10 to be created by release 2.0.0 or later.

1.2 Create Data Base Multi-set Files - CDBMF

The instructions for using CDBMF indicate that after performing this command, the user should end and restart the data base (EDBMS, followed by SDBMS) in order to pick up the new logical name. Note that whatever job performs SDBMS must have all logical names for multi-file sets assigned at the time of SDBMS. Thus, if the user usually starts the DBMS in the System Initialization Batch Stream (.S$ISBTCH), then this batch stream must contain an ALN for each logical name assigned to a multi-file set before the SDBMS.

1.3 Using Transaction-level Integrity

Guidelines for using transaction-level integrity can be found in the DBMS990 2.2.0 Update Document, available under Part No. 2276837-9901**.

1.4   RECOVR

If the user wants to be able to RECOVR after a system crash, he should start DBMS990 with the name of his logfile rather than performing an SDBMS with a Logging Access Name of DUMY and using a subsequent OPLOG.   This is necessary because it is possible that information necessary to the RECOVR could be lost between the SDBMS and the OPLOG.

1.5   ILDFIL

Section 5.2.1 of the Data Base Administrator's Guide indicates that the Initial Load File (ILDFIL) utility does not convert the data being loaded from a sequential file into a previously declared DBMS file. Consequently, data types such as AN and AS will not appear correctly in the database file unless converted by hand before the ILDFIL is performed.

SECTION 2

KNOWN PROBLEMS

1. As in previous releases, PQuery will not display more than 144 bytes of data for a field.

2. The maximum size of a data line is 40 bytes less than the formula in the manuals indicates. A similar problem exists in 2.1.

3. The NADB internal formatter does not recognize FORTRAN complex data types (i.e., CX, FX)

4. In discussing the prompts for genning with transaction-level integrity, the DNOS Data Base Administrator's Guide says the following about the prompt"MAX LINE IMAGES" on page 3-2:

> Enter the maximum number of updates that can occur within a transaction. This value should be at least as large as the largest record, taking into account that each data base line equals one record on file.

This passage should read:

> Enter the maximum number of updates that can occur within a transaction. This value should be at least as large as the number of lines in the largest record in your database.