

# Micro Data Base Systems, inc.

P.O. BOX 248 LAFAYETTE, IN 47902

February, 1984

Dear Customer:

We are pleased to announce an enhanced version of the MDDBS III database management system. Enclosed, please find an update to your MDDBS III software to release number 3.06. The release contains significant improvements and enhancements for your convenience.

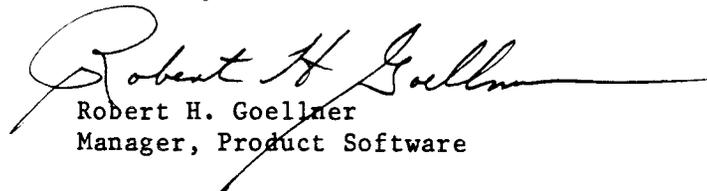
Due to the nature and extent of these improvements, we strongly recommend that you replace all previous versions with this latest release and refrain from using mixed-version software on your database. It would also be advantageous, if possible, to re-initialize your database with the most recent DDL and reload any data with version 3.06 of the software to take full advantage of all corrections and improvements.

A partial list of corrections, general improvements, and product enhancements is attached.

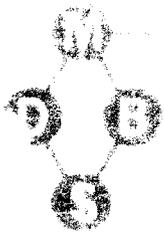
Various revision bundles and documentation changes have been included to reflect these improvements, and to clarify the procedures for interfacing to the DMS and to utilize the features of the DMS. Comments and suggestions on the documentation are welcomed and should be submitted on the "Documentation Comment Form".

The response to beta testing of this latest release has been quite favorable. If we can be of further assistance, please do not hesitate to write.

Cordially,

  
Robert H. Goellner  
Manager, Product Software

RHG/caa



## RELEASE NOTES — VERSION 3.06

### DDL

Handles larger schemas.

Allows databases with larger numbers of users and passwords.

Database statistics are now reported as decimal numbers.

### DMS

Null dates and times are optionally allowed by setting an environment flag.

Date field formats can be specified as year/month/day, day/month/year, and month/day/year.

Insertion into a sorted set with "duplicates fifo" is now handled correctly.

Sorted set processing, in general, has been improved.

FMSK/FOSK processes multiple sort key order and "record type" properly.

Free space list inconsistencies when deleting records has been cleaned up.

DRM processing for system owned sets has significant speed enhancements.

Changing or deleting very small string items correctly returns the free space to the database.

A "data conversion" error during a PUTC/PUTM/PUTO leaves the previous data unchanged.

A "no duplicate record" error during a PFC/PFM/PFO or PUTC/PUTM/PUTO leaves the previous data unchanged and the set order correct.

Data base full errors occur less frequently due to enhanced algorithms for record placement.

A more comprehensive check is made for duplicate records.

Searching for records based on secondary CALC keys has been improved.

### Add-on-Products

Prompting for database, user, and password has been standardized. Command line arguments for the data base open prompts have been implemented.

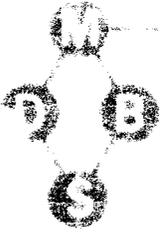
Split instruction and data segments available in 8086 environments.

### DMU

Reports of remaining space are converted to decimal for readability.

Enhanced capability to expand already populated databases.

Ability added to incrementally expand a database.



Release Notes -- Version 3.06 cont.

RCV

A file extension of ".LOG" is now assumed.  
Partial update processing has been improved.

IDML

UNIX versions preserve currency indicators across DISP and DEFINE commands.  
GTC/GTM/GTO return all characters in name of record type.  
STARTUP files correctly interpret commands.  
Data values can now be accepted via batch input.

QRS

Integer conversion has been corrected.  
Date fields now sort by year-month-day.  
Negative numbers now sort correctly.  
Parentheses, wildcard, and match string processing corrected in complex terms and boundary cases.  
Nested query processing has been improved.  
STARTUP files correctly interpret commands.  
Log file inconsistency error corrected.  
SPEW command now creates DIF format files.  
Sorting can now optionally be done in descending order.  
Superfluous sets are ignored in the path clause.