Fujitsu Software BS2000 MAREN

Version 12.0B
March 2017

Readme file

1   General

This readme file refers to the last edition of the user manuals MAREN V12.0B (edition November 2013)

Order numbers for the English edition: U2106-J-Z125-12-76 (Basics)
                                           U4146-J-Z125-11-76 (Statements)

Order numbers for the German edition: U2106-J-Z125-12 (Grundlagen)
                                           U4146-J-Z125-11 (Anweisungen)

The documentation is also available in the form of online manuals at
http://manuals.ts.fujitsu.com or can be ordered at extra cost at
http://manualshop.ts.fujitsu.com. In the manual shop only manuals are available for
products which are still orderable.

1.1   Readme file

This readme file contains all modifications since the publication of the user manuals for
MAREN V12.0B. For work with MAREN V12.0B you will need this readme file and the
corresponding handbooks.

The current readme files are also provided on the manuals server at
http://manuals.ts.fujitsu.com.

2 Software extensions

This chapter shows the description of additional functions and improvements for MAREN V12.0B.

2.1 Extensions as of MAREN V12.0B02

A new field Info of a length 16 bytes has been added to the reservation file with a new version 3. Version number "3" is only supported by MARENLM as of V12.0B.

The new field "Info" can be used storing any user information or documentation. The contents of the field have no influence on incoming orders.

```
   File
 -------------------------------------------------------------------------------
                       The Maren Location Manager
 -------------------------------------------------------------------------------
File : $SYSMAREN.HH.RESERV.FILE
                       List of location specification     More :
                                                   From  1 to   3 of   3
 S Location   Start-VSN  Last-VSN  Vol.Type    Userid     Jobname       Rej.
   A/F        ARCHIVE-Directory / Filename
   FREE-POOL-Name                                         Info
 -------------------------------------------------------------------------------
   *ANY                            TAPE-C2                                     R

                                                         1234567890123456
   *ANY




 -------------------------------------------------------------------------------
 CMD==>
 F1=HELP  F3=EXIT  F4=INSERT  F5=ERASE  F7=FOR.  F8=BACK.  F9=MOD  F12=CANCEL
```

2.2   Extensions as of MAREN V12.0B03

2.2.1   Corrections for RESERVE-FREE-VOLUME function

The RESERVE-FREE-VOLUME always takes free volumes from FREEPOOL with name
*NO when it is called from MAREN or MARENADM.

2.2.2   Evaluation of the reservation file

With the statement RESERVE-FREE-VOLUME MARENCP evaluates the reservation file
in case MARENCP was assigned a reservation file by means of FILE-LINK=MARENLM:

Comparison criteria are:

– User ID
– File name
– Volume type
– Location
– Start of number range
– End of number range
– Free-Pool-Name

If the reservation file entry contains an "A" in the "Utilization type (A/F)" field or the name
of an ARCHIVE directory, the comparison is negative.
If the reservation file entry contains the different values in "FREE-POOL-Name" except
*NO, the comparison is negative.

2.3   Extensions as of MAREN V12.0B06

Point 3 from location table is obsolete and does no longer describe the actual implemen-
tation.

Location table

A location table exists for each host. The location table belongs to the host-specific
parameters. It is therefore processed using the MARENADM statement MODIFY-
MAREN-PARAMETERS.

The location called "CENTRAL" is always included in the location table.

In the MAREN system, 24 different locations can be managed. The locations are stored
in the table with their name, symbolic name and type, and their operating mode.

The default value for the location is defined by the DEFAULT-HOME-LOCATION
operand in the MARENADM statement MODIFY-MAREN-PARAMETERS.

The MARENADM statement SHOW-MAREN-PARAMETERS outputs information on the
location table.

Any number of locations beyond the 24 contained in the location table are supported
outside of the location table. These locations are, however, subject to certain restrictions.

1. These locations cannot be accessed via symbolic location names.
    Effects: none.

2. The location ID LOCAL is always assumed for these locations.

    Effects: processing of volumes from these locations can never be aborted with the following error message:

    ```
    MAR4125 VOLUME '(&00)' NOT LOCALLY AVAILABLE
    ```

    This restriction is of no importance if all remote locations (e.g. fireproof cellar) are entered in the location table.

3. Volumes processed at these locations are not subject to an MAREN-internal, cross system volume lock.

    Effects: none on the local computer.
    On remote computers, the operator is first requested to mount the volume. If the volume is being used by another computer, he/she must either wait or reject the request.