

## Fujitsu Technology Solutions

HIPLEX MSCF (BS2000/OSD)  
Version V8.0A  
November 2013

Readme file

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# 1 Introduction

This Readme file for HIPLEX MSCF V8.0A includes modifications of the following manual:

HIPLEX MSCF V6.0A  
BS2000 Computers in the Network  
Order number: U3615-J-Z125-9-76

The references to chapters and sections in this README file are to those in the above manual.

Additionally to manual HIPLEX MSCF V6.0A, this README file contains:

- a description of the new operand HOST-NAME of the command RELEASE-CLUSTER-RECOVERY-LOCK, described in point 2.1 "New functions";
- a completion for chapter 5 "Installation and configuration", section "Supported version link-ups" on page 109, described in point 2.2 "Supported version link-ups";
- a completion for chapter 5.1 "Installation of HIPLEX MSCF" page 110, described in point 2.3;

In addition, this README file contains a section describing newly defined and changed messages in HIPLEX MSCF V8.0A (point 2.4 "Messages").

## 2 HIPLEX MSCF

### 2.1 New Functions

#### 2.1.1 Command RELEASE-CLUSTER-RECOVERY-LOCK, operand HOST-NAME

##### Format

```

+-----+
| RELEASE-CLUSTER-RECOVERY-LOCK |
+-----+
| HOST-NAME = *OWN/<alphanum-name 1..8> |
+-----+
    
```

##### Operands

###### HOST-NAME =

Specifies the BCAM name of the processor who holds the CLUSTER RECOVERY LOCK to be released

###### HOST-NAME = \*OWN

The CLUSTER-RECOVERY-LOCK held by the own host is to be released.

This corresponds to the functionality of the command in earlier versions.

###### HOST-NAME = <alphanum-name 1..8>

The CLUSTER-RECOVERY-LOCK held by the specified partner is to be released on the own host.

The fail recognition by MSCF is reactivated for the specified host. This is done exclusively on the host on which the command has been issued.

Thus, if necessary, a fail reconfiguration can be started by MSCF.

The following new command return codes are introduced describing situations that can occur in specifying a foreign host:

##### Command returncode

(SC2)	SC1	Maincode	Meaning
2	0	MCS1052	CRL is not assigned
	40	MCS1054	Specified host is not known

## **2.2 Supported version link-ups**

HIPLEX MSCF V8.0A is released on BS2000/OSD-BC V10.0 and can therefore work together with the following HIPLEX MSCF version or the following MSCF versions:

- HIPLEX MSCF V8.0A on BS2000/OSD-BC V10.0
- HIPLEX MSCF V7.0A on BS2000/OSD-BC V9.0
- HIPLEX MSCF V6.0A on BS2000/OSD-BC V8.

## 2.3 Installing HIPLEX MSCF V8.0A

The installation of the product HIPLEX MSCF by means of the installation monitor IMON is mandatory.

The information concerning installation in the delivery cover letter and in the product documentation must be followed as well as the information given below. HIPLEX MSCF is executable after successful completion of the installation.

The necessary inputs and the sequence of the installation are described in the IMON documentation.

HIPLEX MSCF V8.0A is installed by installing the following DSSM subsystems:

- MSCF V19.0A
- NSM V19.0A
- XCS-TIME V19.0A.

The subsystem declarations for the subsystems are entered implicitly into the DSSM subsystem catalog during the respective installation by IMON.

If the MSCF subsystem is to be started automatically during system startup, the subsystem catalog must be adapted accordingly.

## 2.4 Messages

This chapter only contains newly defined and changed messages.

### 2.4.1 New messages

```
-- MCS1054 -----
Access      : ISAM
Destination: CONSOLE      Routing code: R      Weight: 99
Warranty    : NO          Text format : UPPER CASE

E  HOST '(&00)' NOT KNOWN ON LOCAL SYSTEM

? (&00): Processor name of remote host.
```

### 2.4.2 Changed messages

Message MCA0104 has been defined as a message to be responded by operating in order to decrease the possibility of overlooking an erroneous master change initiated for a shared pubset.

```
-- MCA0104 -----
Access      : DLAM
Destination: CONSOLE      Routing code: R      Weight: 99
Warranty    : NO          Text format : UPPER CASE

E  Master change not possible for shared pubset '(&00)' on host
   '(&01)', reason '(&02)'. Response: (EOT).

? It is not possible to make a master change, because at least
  one of the following conditions, essential for a master change,
  is not met:
  1. A backup master has to be designated by means of command
     /SET-PUBSET-ATTRIBUTES.
  2. The backup master has to access the shared pubset as a
     slave sharer.
  3. CCS MSCF connections between the backup master and all
     slaves must exist already.
  4. All sharers (the old master too) must be at least of
     BS2000 version V11.0.
  (&00): Catalog identifier.
  (&01): Host name of the backup master.
         In case of '*OWN', the own host is the backup
         master.
         In case of '*UNKNOWN' the backup master is
         unknown.
  (&02): Reason for the abortion of the master change:
         01: A V10 behavior was enforced because of an
            error.
         02: Error during MRSCAT access.
         03: Error during MONJV access.
         04: Error during SVL access of the shared pubset
            PUBRES.
         05: It is not possible to define the backup
            master from the SVL fields BACKUP-MASTER,
            DESIGNATED-MASTER and ALTERNATE-BACKUP.
            (refer to command /SET-PUBSET-ATTRIBUTES).
         06: At the backup master: No CCS MSCF
```

- connection to one or more sharers of the shared pubset, or an error occurred during execution of the MSCF information function call.
- 07: Version problem. At least one sharer system has a BS2000 version not supporting this situation.
  - 08: No CCS MSCF connection to the backup master.
  - 09: Internal error.
  - 10: Error at the start of the master change importing a pubset.
  - 11: Export of pubset is running.
- ! Eventually check SVL fields BACKUP-MASTER, DESIGNATED-MASTER and ALTERNATE-BACKUP by means of command /SHOW-PUBSET-ATTRIBUTES and modify SVL fields if necessary, then try master change again manually.