



```
busTapStatus      = 0 : failed
                  1 :   ok
                  2 :   ok
                  3 : none
                  4 :   ok
                  5 : none
                  6 :   ok
                  7 :   ok
                  8 : none
                  9 : none
                 10 : none
                 11 : none
                 12 : none
                 13 : none
                 14 : none
                 15 : failed

clockSource       = activeCP
clockSourceStatus = activeCP :           ok
                  alternate : notApplicable

utilization       = 0 %
```

```
> disp -n sh ca/0 bus/x
```

```
Shelf Card/0 BusTap/x
```

```
adminState = unlocked
operationalState = disabled
usageState   = idle
availabilityStatus = failed
proceduralStatus =
controlStatus =
alarmStatus   =
standbyStatus = notSet
unknownStatus = false
failuresInEffect = parityError
dependenciesInEffect = busDisabled
cardsAvailable   = 1 2 4 6 7
cardsTxTo        =
selfTestErrorCode = 0
clockErrors      = 1
```

```
endOfCellErrors      = 1
parityErrors         = 7
frmCongestionErrors = 16
frmCollisionErrors   = 0
frmTimeoutErrors     = 0
frmDeliveryErrors    = 0
frmSizeErrors        = 0
```

```
> diap -n sh ca/15 bus/x
```

```
Shelf Card/15 BusTap/x
```

```
adminState = unlocked
operationalState = disabled
usageState   = idle
availabilityStatus = failed
proceduralStatus =
controlStatus =
alarmStatus   =
standbyStatus = notSet
unknownStatus = false
failuresInEffect = parityError
dependenciesInEffect = busDisabled
cardsAvailable   = 1 2 4 6 7
cardsTxTo        =
selfTestErrorCode = 0
clockErrors      = 0
endOfCellErrors  = 0
parityErrors     = 7
frmCongestionErrors = 19
frmCollisionErrors = 0
frmTimeoutErrors = 0
frmDeliveryErrors = 0
frmSizeErrors    = 0
```

```
ok                2005-01-24 15:32:07.90
```

对 MSS 7K 总线进行处理

```
> lock sh bus/x
```

```
> start sh bus/x test 等到至测试完毕
```

```
> unlock sh bus/x
```

如果总线在测试过程中非正常退出，需要对节点进行进一步处理。准备该节点所需要的备用板卡。处理方法和步骤如下：

- 1) 首先将交换机设备断电；
- 2) 在交换机上用单 CP 进行启动，等待运行正常后，观察总线状态，如果总线状态为单总线运行状态，可以对不好的总线进行 test 处理；
- 3) 如果处理后，依然为单总线状态，可以更换同型号板卡，再进行处理；
- 4) 直至所有板卡全部插入；
- 5) 如果总线还是状态不好，需要更换新的机框来解决此问题。

## MSS 15K

```
> d sh fa/*
```

```
Shelf FabricCard/*
```

```
Use -noTabular to see the many hidden attributes.
```

```
+=====+-----+----+-----+-----+-----+-----+-----+-----+
|FabricCard|osiAd|osiO|osiUs|productCode | serialNumber | failure|dependency
|          | min |per | age |          |          | Cause | InEffect
+=====+-----+----+-----+-----+-----+-----+-----+-----+
|x          |unlck|dis |idle |          |          |      |
|y          |unlck|ena |activ|NTHR16CB 01 |NNTMLH001C3A |      |
ok          2006-04-20 16:58:07.68
```

对 MMS 15K 交换矩阵进行处理

```
> lock sh fabric/x
```

```
> start sh fabric/x test          等到至测试完毕
```

```
> unlock sh fabric/x
```

如果总线在测试过程中非正常退出，需要更换新的交换矩阵或是机框，来解决此问题。