

# **MAIN0003**

**DEV1 IPL Procedures**

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## MAIN0003 - DEV1 IPL Procedures

### NOTE:

- All IPL's on the IBM 9672 processors begin at the IBM Hardware Management Console, which is located to the right of the entrance to the machine room on the operations end of the Command Center.
- Normal IPL's will not require the operator to sign on to the HMC console. After a Power-On-Reset (POR), sign-on will be required. For information on how to sign on, please see the IBM Operator Documentation
- All actions an operator will be required to take will be listed in **Boldface Type**. In addition, commands will be **BOLDED AND CAPITALIZED**. Notes will be *italicized*. All actions an operator will be required to take will be listed in **Boldface Type**. In addition, commands will be **BOLDED AND CAPITALIZED**. Notes will be *italicized*.

1. In response to multiple messages IOS120A Device nnn Shared, Reply 'CONT' or 'WAIT', enter:

a) **00,CONT**

2. The operators are to ignore this message. It appears in red.

**\*ILR005E PLPA PAGE DATA SET FULL, OVERFLOWING TO COMMON DATA SET**

3. **Reply appropriately to the messages listed below:**

*At this point, the messages on the master console will begin to scroll rapidly. It's not important to try to read every message. Instead, focus on replying correctly to the messages listed below, which may not occur in the order listed, or may not occur at all. Note that 'nn' in the reply text indicates the reply number as listed with the message on the console.*

4. nn IKT003D TCAS UNABLE TO ACCEPT LOGONS, REASON CODE=0090 REPLY 'RETRY' OR 'TERM'  
*This message will occur if TSO starts before VTAM is fully initialized. After msg "IST020I VTAM INITIALIZATION COMPLETE" reply as follows:*

**nn,RETRY**

5. If you get a message from VTAM

"Correlation Mismatch Reply **RELOAD** or IGNORE"

**Hint: ALWAYS REPLY RELOAD**

### CONTROL-O

6. Once CONTROL-O comes active it will start the IPL Process. You will need to reply to the following messages:

7. XX DO YOU WANT CONTROL-O TO STARTUP DEV1? Y OR N

Yes (Y)

The operator response is: **XX,Y**

No (N)

The operator .....

**XX WHAT TYPE OF STARTUP FOR DEV1? F(FULL)/P(PARTIAL)/C(CANCEL)**

Full (F)

The operator response is: **XX,F**

Reply F for the system to come all of the way up

**Partial (P)**

Reply P for only certain tasks to come up

**Cancel (C)**

Don't Use!

You may issue the command "**CHKIPL**" which will alert you of any task that should be active but not marked as UP within CONTROL-O.

Once CONTROL-O has finished bringing up all selected tasks it will produce the following message:

```
CTO282I ALL SELECTED TASKS ARE NOW UP
```

**Note:** If you get the following message you will need to determine the Started Tasks (STC's) that failed to come active. If the task has a CONTROL-O current state of STARTING that means either the task did not initialize or the task is not properly defined to CONTROL-O.

```
CTO282I CONTROL-O WAS NOT ABLE TO START ALL OF THE TASKS WITHIN 20 MINS
```

The Operator will then need to determine the correct command/methodology to issue/follow to cause the task(s) that are not active but should be to become active.

Issue command SETUP <taskname> if the task is up but has a CONTROL-O current state of STARTING.

### ***Post Up Operator Requirements***

**ESP**

**Check the status of ESP which should be listed as quiesced. If ESP is quiesced please start it at this point:**

```
F ST1ESP,STATUS      Status should = quiesced.
```

```
F ST1ESP,RESTART    This will start ESP up.
```

**Check the status of ESP & confirm that it is back up:**

```
F ST1ESP,STATUS You should see the message below. If so continue with the IPL.
```

```
00000090  ESP1977I ESP release 5.5.0 status
00000090  ESP1978I EVENT SCHEDULING ACTIVE
00000090  ESP1979I DATA SET TRIGGERING ACTIVE
```

**JES**

**Start the JES2 initiators by entering the following command:**

```
S INITS
```

**IPL COMPLETE!!!**