PARMLIB definitions

Use PARMLIB to define all the essential parameters that are needed to run the z/OS system. Some parameters apply to this case study and definitions can be made with same values on both hosts (TEST and PROD). All of the described parameters can be activated dynamically on the current release of z/OS.

For more information about options in PARMLIB, definitions, and commands to activate without IPL, see the following publications:

▸ *z/OS MVS System Commands*, SA38-0666
▸ *z/OS MVS Initialization and Tuning Reference,* SA23-1380

The updates are within the following members of PARMLIB, where the suffix and the exact name of the PARMLIB data set apply to your naming standards. It is important to make the changes according to normal change rules. If the updates are not implemented correctly, severe problems can occur when the next IPL is planned:

▸ IEFSSNxx

These updates apply for TEST and PROD.

If OAM is new to the installation, the definitions that are shown in Example I-1 are required.

Example I-1   OAM subsystem definition

```
*----------------------------------------*/
/* OAM - OBJECT ACCESS METHOD - ATL Control */
/*----------------------------------------*/
SUBSYS SUBNAME(OAM1)
  INITRTN(CBRINIT)
```

▸ SCHEDxx. These updates apply for TEST and PROD.

If OAM is new to the installation, the definitions that are shown in Example I-2 are required to start OAM. These definitions require you to start OAM as part of the normal IPL sequence by using your own automation product.

Example I-2   OAM definition in SCHEDxx

```
PPT PGMNAME(CBROAM)      /* OAM ADDRESS SPACE               */
    KEY(5)               /* KEY(5)       PROTECTION KEY     */
    NOSWAP               /* NOSWAP       NON SWAPPABLE      */
    SYST                 /* SYST         SYSTEM TASK        */
```

▸ GRSRNLxx. These updates apply for TEST and PROD.

If the platform includes the prerequisites for use of Auto Switchable (AS) devices, runs in GRS goal mode, or uses Coupling Facilities hardware, AS support can be enabled by the values in Example I-3 on page 925. AS offers the ability to have the devices online on all LPARS in a sysplex and reduces your need for specific products that have similar functions. AS features the following requirements:

– Devices are defined as AS in HCD.
– Operators or automation products issue **VARY** commands.

> **Tip:** **V 1000,AS,ON** makes the specified address available for AS support. When followed by **V 1000,ONLINE**, it varies the device online. Both commands must be entered on all hosts that need device 1000 online and auto-switchable.