

FOCUS Release 7.0.6

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Checkpoint Processing in the IMS Interface

As of FOCUS 7.0.6, the IMS Interface has implemented IMS Checkpoint calls primarily for the support of Fast Path databases. However, in the instance where an IMS PSB specifies a PROCOPT=A for a PCB entry, the interface must also issue a checkpoint call.

According to *IMS/ESA V5 Application Programming: Design Guide*, section 3.4.2.2.3 - *Checkpoints in Batch Programs*; batch programs that issue checkpoint calls must specify the CMPAT=YES option in the PSB. This generates an I/O PCB for the program which IMS uses as an I/O PCB in the checkpoint call. Failure to do so will result in an error such as an IMS status code of AD.

If the situation requires that a PROCOPT=A with CMPAT=NO (default value) be specified in the PSB, the IMS Interface's checkpoint processing can be suppressed. To do so requires that each I/O PCB entry in the FOCPSB be ignored via the SKIP keyword as in the following example describing the IMS sample PSB, DFSIVP1:

```
SKIP I/O PCB  
IVPDB1 DB
```