

# System Operator Command Functions

Selecting *Session opercoms* (option O) from the Main Menu displays the following menu:

```

14:43:03          ***** A D A B A S  BASIC  SERVICES *****          2002-05-29
                   - Session Opercoms -                               PACI002

Code  Service                Code  Service
-----
*    Allocate/Deallocate CLOG/PLOG      S    Stop user(s)
E    Extended Error Recovery            T    Termination Commands
*    Force Dual CLOG or PLOG switch     *    Manage Online Utilities
L    Lock or unlock files               *    User Table Maintenance
*    Reset ONLINE-DUMP-Status
?    Help
.    Exit
-----
Code ..... _
Userid(ETID) ... _____
CLOG/PLOG Ind .. _      Global.. _
Database ID .... 1955   (WIS1955)          NucID .. 1022

Command ==>
PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help                Exit                               Menu
    
```

The following functions are available to the AOS demo version:

Code	Function
E	Add or delete PIN modules used by the extended error recovery facilities; display, activate or deactivate current PIN routines
L	Display locked files
S	Stop a specific user, all users of a specific file or job, or all inactive users
T	Terminate a session normally (ADAEND)

This chapter covers the following topics:

- Extended Error Recovery
- Display Locked Files
- Stop User(s)
- Terminate a Session Normally (ADAEND)

## Extended Error Recovery

Selecting option E (extended error recovery) from the Session Opercoms menu displays the Extended Error Recovery menu:

```

14:44:35          ***** A D A B A S  BASIC SERVICES *****          1999-05-12
                   - Extended Error Recovery -                          DPACIE2

                Code      Service
                ----      -
                *          Display message buffer
                *          Display/modify environment
                *          Display/modify Exit routines
                M          Add/Delete PIN modules
                P          Display/modify PIN routines
                *          Refresh threshold and alert exits
                *          SNAP a nucleus dump
                ?          Help
                .          Exit
                ----      -

Code ..... _
Start Address ..          End Address ...
Database ID .... 823      (RD-CK-823)

Command ==>
PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help              Exit                               Menu
    
```

From this menu you can

- add or delete PIN modules;
- display, activate, or deactivate specific PIN routines.

### Add / Delete PIN Modules

Selecting option M (add/delete PIN modules) from the Extended Error Recovery menu displays a list of currently available PIN modules:

```

13:42:45          ***** A D A B A S  BASIC SERVICES *****          1999-06-18
  DBID 823          - Add/Delete PIN Modules -                          PACIEM2

Mark entries with 'A' to Add or 'D' to Delete:

                M  Module      Description          Message
                -  -
                _  ADAMXY     Standard Nucleus PIN Routines
                _  PINAAF     SAF Security
                _  PINAFP     Adabas Fastpath
                _  PINATM     Adabas Transaction Manager
                _  PINAVI     Adabas Vista
                _  PINRSP     Adabas Response Code Handler
                _  PINUES     Universal Encoding Support
    
```

To load a PIN module into memory, enter ‘A’ in the M column next to the module name.

This command is successful only if the exit module exists in a library accessible to the Adabas nucleus.

To remove a PIN module from memory, enter a ‘D’ in the M column next to the module name.

When deleting a PIN module from memory, all related PIN routines are also removed.

These functions are the same as the extended error recovery operator commands

```
SMGT, {ADDPIN | DELPIN}=module-name
```

### Display/Modify PIN Routines

Selecting option P (display/modify PIN routines) from the Extended Error Recovery menu displays a list of PINs currently loaded in memory:

```
13:08:49          ***** A D A B A S  BASIC SERVICES *****          1999-06-16
DBID 105          - List/Modify PIN Routines -          PACIEP2

Mark entries with 'A' Activate, or 'D' Deactivate:          Total Pins: 012

 M Condition          Error Location          Status  Uses  Module          Message
-----
_ 000C1000 All Locations          Active    0  ADAMXY
_ 000C2000 All Locations          Active    0  ADAMXY
_ 000C3000 All Locations          Not Act   0  ADAMXY
_ 000C4000 All Locations          Active    0  ADAMXY
_ 000C5000 All Locations          Active    0  ADAMXY
_ 000C6000 All Locations          Active    0  ADAMXY
_ 000C7000 All Locations          Not Act   0  ADAMXY
_ 000C8000 All Locations          Active    0  ADAMXY
_ 000C9000 All Locations          Active    0  ADAMXY
_ 000CB000 All Locations          Active    0  ADAMXY
_ 000CF000 All Locations          Active    0  ADAMXY
_ 00047000 All Locations          Active    0  ADAMXY

PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help          Exit          Refr          --          -          +          Menu
```

For all PIN routines on the list, the screen indicatess the conditions that cause them to be executed, the current status, the number of times they have been used, and the module in which they are located.

To change the status of the PINs from this screen, enter in the M column next to the PIN number

A to activate a PIN

D to deactivate a PIN

After changes have been made, use PF4 to refresh the screen.

These functions are the same as the extended error recovery operator commands

```
SMGT,DISPLAY=PINS
SMGT,{ACTPIN | DEACTPIN}=pin-number
```

## Display Locked Files

Selecting option L from the Session Opercoms menu displays the following:

```
16:02:10          ***** A D A B A S  BASIC SERVICES *****          1999-01-28
                   - Lock / Unlock Files -                               PACIL02

                   Code      Service
                   -----
                   D         Display locked files
                   *         Lock file for all users
                   *         Advance lock file
                   *         Lock file except for UTI/EXF users
                   *         Unlock file from general lock
                   *         Release an advance lock
                   *         Unlock file from UTI/EXF lock
                   ?         Help
                   .         Exit
                   -----

Code ..... _
File Number .. 30
UTI/EXF Ind .. U
Database ID .. 105      (RD-105)

Command ==>
PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help          Exit          Menu
```

Option D from this menu displays the Display Locked Files screen:

```

10:57:45          ***** A D A B A S  BASIC SERVICES *****          1998-07-31
DBID 105          - Display Locked Files -          PACID02

M  Fnr.  Lock Status                M  Fnr.  Lock Status
-  - - -  - - - - -                -  - - -  - - - - -
1   1     Locked for ALL users
35  35    Locked except for UTI
50  50    Locked except for EXU/EXF
55  55    Locked for ALL users
60  60    Locked for ALL users

PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help          Exit          --          -          +          Menu
    
```

## Stop User(s)

Selecting option S (stop users) from the Session Opercoms menu displays the Stop Users menu:

```

18:26:02          ***** A D A B A S  BASIC SERVICES *****          1999-07-29
                               - Stop Users -          PACIS02

                               Code  Service
                               ----  - - - - -
                               *    Stop users using file
                               *    Stop inactive users
                               *    Stop users by jobname
                               *    Stop a selected user
                               ?    Help
                               .    Exit
                               ----  - - - - -

Code ..... _
File Number ..... _____
Last Activity .... _____ (elapsed time in seconds)
Job Name ..... _____
Purge UQE(s) .... N
Selected Userid ..
Database ID ..... 105   (RD-105)

Command ==>
PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help      Disp UQ  Exit      Clear UID          Menu
    
```

None of the Stop Users functions are active for the demo version.

## Terminate a Session Normally (ADAEND)

Selecting option T from the Session Opercoms menu invokes the Session Termination menu from which you can terminate a session normally (ADAEND).

```

11:43:00          ***** A D A B A S  BASIC SERVICES  *****          1997-01-30
                                     - Session Termination -          PACT002

          Code      Service
          ----      -
          A          Normal session termination (ADAEND)
          *          Cancel session immediately (CANCEL)
          *          Stop session                (HALT)
          ?          Help
          .          Exit
          -----

Code ..... _
Database ID .. 105      (RD-MPM105)
Current nr. of users in User Queue ... 9
Nr. of users with open transactions .. 0

Command ==>
PF1----- PF2----- PF3----- PF4----- PF6----- PF7----- PF8----- PF12-----
Help          Exit          Menu

```

You are prompted to confirm your termination request before the action is taken.