HOW TO INTERACT GSMTEXT AND OPRS.

If no monitoring has been setup in OPRS, see chapter 36 System Monitor in the OPRS manual. That chapter will guide you to run the PINZSYM command to automatically setup OPRS to monitor jobs, communication, disk usage, disk failures, messages and so on.
If you have setup some testmonitoring or old monitoring that you want to clear, make sure you clear these files before you run the PINZSYM command: (Make sure you have a recent backup of library BUENGDTA first)

```
BUDLREP     BUENGDTA    PF          SYSMON: System
BUDMREP     BUENGDTA    PF          SYSMON: System status
BUDNREP     BUENGDTA    PF          SYSMON: Message log
BUDOREP     BUENGDTA    PF          SYSMON: Heartbeat
BUDPREP     BUENGDTA    PF          SYSMON: System condition
BUDQREP     BUENGDTA    PF          Message action list
BUDRREP     BUENGDTA    PF          SYSMON: Message data
BUDSPOBJ    BUENGDTA    PF          Data from DSPOBJD command
BUDSREP     BUENGDTA    PF          SYSMON: System cond. log
BUDTREP     BUENGDTA    PF          SYSMON: System statuscond
BUDUREP     BUENGDTA    PF          SYSMON: System sts state
BUDVREP     BUENGDTA    PF          SYSMON: System status act
```

The PINZSYM command will setup the monitoring menu (PSYSMON), create jobs in the job scheduler that will automatically start the monitoring jobs, and it will also create the filejobs that are run whenever the monitoring is active. If you already have such entries in the jobscheduler and CHK* filejobs in the filejobsection, they should be deleted before you run the PINZSYM command. Messages that indicates that userprofile already exists in the system dir can be ignored. Backup your OPRS libraries BUENGGEN and BUENGDTA before doing this. When you have the monitoring setup, come back to this document to make OPRS send you the warnings that the monitoring in OPRS detect, straight to your cellular phone.

FILEJOBS TO SEND ERRORMSG FROM OPRS THROUGH GSM TEXT

Setting up these 2 filejobs, will enable OPRS to send a command to the GSM Text system, so that you will receive a SMS with the condition in error, and the origin of the system. When the condition status is normal once again, you will receive a SMS saying so.

SYSMON

```
PSNDGSMT USID(OHCARAL) MSG('&SYSTEM Warning raised
  for &COND1&COND2')
```

SYSMONOK

```
PSNDGSMT USID(OHCARAL) MSG('&SYSTEM condition &CON
 D1&COND2 back to normal')
```

Replace userid with a correct userid on your system, in this example OHCARAL has been used.

SET PARAMETERS IN OPRS TO ENABLE OPRS TO SEND MSG

PWRKPRM SYM (This lets you work with the parameters for the monitoring in OPRS)
Go through the screen with the different parameters, the system name should be, and must be, the same as the system name that you entered on the first screen in the PINZSYM command. Make sure the name of the 2 filejobs are SYSMON and SYSMONOK. Most of the other values are purely informational, and acquired from the server itself.

```
Parameter  Value      Text
USER       PDSOPRSH   User receiving data from sentral site
SYSNAM     AS400      Name of local system
HBDELAY    100        Timeout interval for delayed heartbeats
HBLIMIT               Timelimit for late coming heartbeats
HUB        *YES       Local system is to be *HUB
TOUSR      *NONE      User Id for sending data to central site
TOADR      NOCARAL    Address
INTERVAL   60         Interval in seconds for RTVSYSSTS
SYSMONITV  60         Interval in seconds for System Monitor
CHKMSGITV  60         Interval in seconds to check for message waiting

THRDSKCRIT 95         Threshold - Disk utilization critical
THRDSKWARN 80         Threshold - Disk utilization warning
THRCPU     90         Threshold - Current CPU utilization
THRTOTJOB  22000      Threshold - Total jobs on system
THRMSGW    1          Threshold - Messages waiting for reply
DFTJOBWARN SYSMON     Default recovery file job - Warning raised
DFTJOBOK   SYSMONOK   Default recovery file job - Back to normal
DFTJOBSBM  *YES       Submit default recovery jobs
RESETHUB   *YES       Send reset message to HUB from local system

CPU        13         Current % CPU utilization
ASP%       79         Current % system ASP used
TOTJOB     15386      Current number of jobs on system
NBRMSGW    0          Current number of messages waiting for a reply

CHECK FILEJOB PARAMETERS:
7=Parameters

Variable    Value       Text
 &SYSTEM
 &COND1                  Condition name - first ten positions
 &COND2      *BLANK      Condition name - last ten positions
 &4
 &5
 &6
 &7
 &8
 &9
```