CS 2000 Core Manager Performance Management

Performance management strategy

Performance Management strategy consists of collecting and reporting on operational measurements. The Operational Measurement Delivery (OMD) application is the primary Communication Sever 2000 Core Manager (CS 2000 Core Manager) component that supports performance management.

Tools and utilities

The primary performance management tool/utility is the OMD application. Operational measurement data is grouped into user-defined report elements, formatted into CSV (comma-separated value) format, and delivered to a customer OSS (operations support system).

Performance management procedures

Specific procedures for performance management through the OMD application are found in the modules located within this Performance section.

2

Starting the OMUI

Use the following procedure to start the Operational Measurements User Interface (OMUI).

Starting the OMUI

At the workstation UNIX prompt or VT-100 terminal prompt:

1   Log onto the CS 2000 Core Manager.

2   Start the OMUI by typing

   # omui

   and pressing the Enter key.

   Response:

```
OM Delivery Main Menu

1. Report Element
2. Data Collection Schedule
3. File Rotation Schedule
4. File Transfer Destination
5. File Transfer Schedule
6. Report Registration
7. Set File Retention Period
8. Set Report Registration Limit
9. Help
10. Quit
```

3   You have completed this procedure.

   Refer to the procedures in the Performance section to perform a task related to any one of the items in the OM Delivery Main Menu.

Adding a file rotation schedule

This procedure provides instructions on how to add a file rotation schedule.

File rotation schedules are used by report registrations to specify when to rotate report files. File rotation involves closing an open report file and moving it to the /omdata/closedNotSent directory on the CS 2000 Core Manager.

To create a new file rotation schedule, you must specify the name of the schedule and how often you want the system to rotate the files. The name of the file rotation schedule can include up to 20 alphanumeric, dash, and underscore characters. The files can be rotated daily, weekly, or monthly, as noted the table File rotation schedule variables.

File rotation schedule variables

Variable	Schedule information
Daily	Select the time of day to rotate the report file and input in the $hhmm$ format , where hh stands for the hour (from 00 to 24) and mm stands for the minute (00 or 30). Only a single time can be specified within the schedule. Multiple rotations within the same day require defining multiple rotation schedules.
Weekly	Select a day of the week to rotate report files. Days of the week are Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, and Saturday. Select the time of day to rotate the report file (see daily repetition). Multiple rotation days within the same week require defining multiple rotation schedules.
Monthly	Select a day of the month to rotate report files from the 1st to the 31st.
Reports	Select the number of reports to be collected before rotating the report file.
Hours	Select the number of hours to elapse before rotating the report file.

Refer to Adding a data collection schedule in the Performance section for information about file rotation schedule variables.

Adding a file rotation schedule

At the OMUI Main Menu

1 Access the File Rotation Schedule Menu by typing

> 3

and pressing the Enter key.

Response:

```
            File Rotation Schedule Menu

1. List File Rotation Schedules
2. Add File Rotation Schedule
3. Delete File Rotation Schedule
4. Modify File Rotation Schedule
5. Help
6. Return to Main Menu

Select Option >
```

2 Add a new file rotation schedule by typing

> 2

and pressing the Enter key.

Response:

```
            Add File Rotation Schedule

Type "EXIT" to return to previous menu

File Rotation Schedule name >
```

3 Type the file rotation schedule name and press the Enter key (you can use up to 20 alphanumeric, dash, and underscore characters).

Response:

```
Repetition (1=DAILY, 2=WEEKLY, 3=MONTHLY, 4=REPORTS,
5=HOURS) >
```

4   Use the following table to determine your next step.

If you want	Do
daily	step 5
weekly	step 8
monthly	step 12
reports	step 16
hours	step 19

5   Add a file rotation schedule that schedules file rotation based on a daily interval by typing

```
> 1
```

and pressing the Enter key.

Response:

```
Rotation time (HHMM) >
```

6   Enter the time of day to close and rotate the report file.

7   Go to step 21 to continue.

8   Add a file rotation schedule that schedules a file rotation based on a weekly interval by typing

```
> 2
```

and pressing the Enter key.

Response:

```
Day of Week (1=Monday, 2=Tuesday, ..., 7=Sunday) >
```

9   Enter the number for the day of the week that the report file is closed and rotated.

Response:

```
Rotation time (HHMM) >
```

10   Enter the time of day to close and rotate the report file.

11   Go to step 21 to continue.

12   Add a file rotation schedule that schedules a report file rotation on a monthly interval by typing

> **3**

and pressing the Enter key.

Response:

```
Day of Month (1-28, 0 is the last day of month) >
```

13   Enter the number of the day of the month to rotate the file by typing

Response:

```
Rotation time (HHMM) >
```

14   Enter the time of day to close and rotate the report file by typing

15   Go to step 21 to continue.

16   Add a file rotation schedule that schedules a report file rotation based on the number of reports collected by typing

> **4**

and pressing the Enter key.

Response:

```
Number of Reports >
```

17

⚠ **CAUTION**
Possible loss of service and data
Selecting a large number of hours can exhaust available file system space, resulting in lost OM data and possible loss of service. It is recommended that you select a number of hours smaller than 25. As an alternative, use the daily file rotation if you wish to record data for more than 24 hours.

Enter the maximum number of reports to collect before file rotation initiates (between 1 and 4032).

18   Go to step 21 to continue.

19   Add a file rotation schedule that schedules a file rotation after a specified amount of time has elapsed by typing

```
> 5
```

and pressing the Enter key.

Response:

```
Number of Hours >
```

20

CAUTION
Possible loss of service and data
Selecting a large number of reports can exhaust available file system space, resulting in lost OM data and possible loss of service. If you collect a high volume of OM reports each day, it is recommended that you reduce your file retention period for closedSent files to one day.

Enter the number of hours that must elapse before the open report file is closed and rotated (between 1 and 999).

21   Confirm that you want to add the file rotation schedule by typing

```
> y
```

and pressing the Enter key.

Response:

```
Please wait...
frsname: The request was successful.
Press Enter for File Rotation Schedule Menu.
```

22   Press Enter to return to the File Rotation Schedule Menu.

Response:

```
           File Rotation Schedule Menu

1. List File Rotation Schedules
2. Add File Rotation Schedule
3. Delete File Rotation Schedule
4. Modify File Rotation Schedule
5. Help
6. Return to Main Menu

Select Option >
```

23 Return to the OM Delivery Main Menu by typing

> 6

and pressing the Enter key.

24 You have completed this procedure.

Adding a file transfer destination

To add a new file transfer destination, you must specify the following information:

- a user-defined file transfer destination name (an FTD name can only be used once)
- the IP address of the destination system to be used for receiving the OM files
- the port address defined for the IP address on the destination system
- the remote login ID used to access the destination system
- the password for the remote login ID

Use the following procedure to add a new file transfer destination.

Adding a file transfer destination

At the OMUI Main Menu

1   Access the File Transfer Destination Main Menu by typing

```
> 4
```

and pressing the Enter key.

Response:

```
        File Transfer Destination

1. List File Transfer Destinations
2. Add File Transfer Destination
3. Delete File Transfer Destination
4. Modify File Transfer Destination
5. Help
6. Return to Main Menu

Select Option >
```

2 Add a file transfer destination by typing

`>  2`

and pressing the Enter key.

Response:

```
        Add file Transfer Destination

Type EXIT to return to previous menu

File Transfer Destination name >
```

3 Enter the name of the file transfer destination.

This name is used by the file transfer schedule option of the OMUI. The name can be up to 20 alphanumeric characters long.

Response:

```
Destination IP Address >
```

4 Enter the IP address for the file transfer destination (the IP address of the computer you want to send the files to)

Response:

```
Destination Port >
```

5 Enter the destination port number assigned for use with the IP address you entered in the previous step. (The default is 21.)

Response:

```
Destination Login >
```

6 Type the destination login ID you use to log on to the file transfer destination system receiving the OM files.

Response:

```
Destination Password >
```

7 Enter the password for the login ID you entered in the previous step.

> *Note:* The password for the destination system can be case-sensitive.

Response:

```
Add file transfer destination (Y/N) ?
```

8   Confirm that you want to add the file transfer destination by typing

```
> y
```

and pressing the Enter key.

Response:

```
Please wait...
ftdname: The request was successful.
Press Enter for File Transfer Destination
Menu.
```

9   Press the Enter key to return to the File Transfer Destination Menu.

Response:

```
                 File Transfer Destination Menu
1. List File Transfer Destination
2. Add File Transfer Destination
3. Delete File Transfer Destination
4. Modify File Transfer Destination
5. Help
6. Return to Main Menu

Select Option >
```

10   Return to the OM Delivery Main Menu by typing

```
> 6
```

and pressing the Enter key.

11   You have completed this procedure.

Adding a file transfer schedule

Use this procedure to create a new transfer schedule to automatically send closed OM files to a remote system. A single schedule can be set up to transfer OM files to as many as 16 destinations at once.

To add a new file transfer schedule, you must specify the following information:

- File transfer schedule name: the name of the data collection schedule to be added (you can use up to 20 alphanumeric, dash, and underscore characters).

- Repetition: the frequency you choose to set to transfer the OM file. The repetition can be daily, weekly, monthly, or after a scheduled OM file rotation is completed, as indicated by the following list:

    — Rotate time: specifies the time of day to transfer the report files (in multiples of 30 minutes) when the repetition is daily.

    — Day of week: specifies the day of the week to rotate files when the repetition is weekly.

    — Day of month: specifies the day of the month to rotate files when the repetition is monthly.

    — After rotation: specifies that the transfer takes place after file rotation.

- File transfer destination name: the name of the file transfer destination name.

    Note: A file transfer destination must already be defined (refer to procedure Adding a file transfer destination in the Performance section).

- Destination directory path: the destination directory path on the file transfer destination system.

Adding a file transfer schedule

At the OMUI Main Menu

1   Access the File Transfer Schedule Main Menu by typing.

> `> 5`

Response:

```
             File Transfer Schedule Menu

1. List File Transfer Schedule
2. Add File Transfer Schedule
3. Delete File Transfer Schedule
4. Modify File Transfer Schedule
5. Help
6. Return to Main Menu

Select Option >
```

2   Add a file transfer schedule by typing

> `> 2`

and pressing the Enter key.

Response:

```
            Add File Transfer Schedule

Type "EXIT" to return to previous menu

File Transfer Schedule name >
```

3   Enter the name of the file transfer schedule.

The name can be up to 20 alphanumeric characters long.

Response:

```
Repetition (1=DAILY, 2=WEEKLY, 3=MONTHLY,
4=AFTER ROTATE)>
```

4   Use the following table to determine your next step.

If you want to add a file transfer schedule	Do
that transfers files immediately after a file rotation	step 5
with a monthly repetition rate	step 7
with a weekly repetition rate	step 10
with a daily repetition rate	step 13

5   Add a file transfer schedule that transfers OM files immediately after they are closed and rotated by typing

> **4**

and pressing the Enter key.

Response:

```
File Transfer Destination name ("quit" to exit) >
```

6   Go to step 15 to continue.

7   Add a file transfer schedule with a monthly repetition rate by typing

> **3**

and pressing the Enter key.

Response:

```
Day of Month (1-28, 0 is the last day of month) >
```

8   Enter the number for the day of the month to rotate the OM file.

For example, one is for the first day of the month and two is for the second day of the month.

   Note: Use 0 for the last day of the month.

Response:

```
Time of Day (HHMM) >
```

9   Go to step 14 to continue.

10   Add a file transfer schedule with a weekly repetition rate by typing

> **> 2**

and pressing the Enter key.

Response:

```
Day of Week (1=Monday, 2=Tuesday, ... 7=Sunday) >
```

11   Enter the number for the day of the week to rotate the OM file.

Response:

```
Time of Day (HHMM) >
```

12   Go to step 14 to continue.

13   Add a file transfer schedule with a daily repetition rate by typing

> **> 1**

and pressing the Enter key

Response:

```
Time of Day (HHMM) >
```

14   Enter the time of day to transfer the file.

Response:

```
File Transfer Destination name ("quit" to exit) >
```

15   Enter the name of the file transfer destination.

> *Note:* Ensure a file transfer destination was created, and use the same FTD name. Failure to do so prevents you from creating the file transfer schedule.

Response:

```
Destination Dir >
```

16   Enter the path of the destination directory where the OM files are transferred to.

You must enter the full path name of the destination directory. The format for the destination is often displayed as /destdir/destsubdir.

Note: If you are uncertain as to the proper destination directory or path on a specific machine, contact your site system administrator for assistance.

Response:

```
File Transfer Destination name ("quit" to exit) >
```

17   Use the following table to determine your next step.

If you	Do
want to add other destinations to this transfer schedule	step 15
do not want to add other destinations to this transfer schedule	step 18

Note: A single schedule can be set up to transfer OM files to as many as 16 destinations at once.

18   Complete the file transfer schedule by typing

> quit

and pressing the Enter key

Response:

```
Add File Transfer Schedule(Y/N)?
```

19   Confirm that you want to add the file transfer schedule by typing

> y

and pressing the Enter key.

Response:

```
Please wait...
ftsname: The request was successful.
Press Enter for File Transfer Schedule Menu.
```

20 Press Enter to return to the File Transfer Schedule Menu.

Response:

```
            File Transfer Schedule Menu

1. List File Transfer Schedule
2. Add File Transfer Schedule
3. Delete File Transfer Schedule
4. Modify File Transfer Schedule
5. Help
6. Return to Main Menu

Select Option >
```

21 Return to the OM Delivery Main Menu by typing

> 6

and pressing the Enter key.

22 You have completed the procedure.

Adding a report element

To add a new report element, you must specify the information in the following table.

Component	Description
Report element name	User-defined name of the report element to be added (max. 20 alphanumeric, dash, and underscore characters)
OM group name	Name of a valid OM group to be added to the report element
Reporting interval	Interval between OM reports (either 5 min. or office transfer period or 15 min.)
Register	The reporting interval is an office transfer period. The interval is 5 min. for the following registers: • non-subtraction • single subtraction • double subtraction (base and extended) For more information, refer to *"Operational Measurements Delivery Overview"* in the Basics section.

Adding a report element

At the OM Delivery Main Menu

1   Display the Report Element Main Menu by typing

> **> 1**

and pressing the Enter key.

OMUI response:

```
Report Element Main Menu

1. List Report Elements
2. Add Report Element
3. Delete Report Element
4. Modify Report Element
5. Help
6. Return to Main Menu

Select Option >
```

2   Add a new report element by typing

> **> 2**

and pressing the Enter key.

OMUI response:

```
              Add Report Element

Type "EXIT" to return to previous menu


Report Element name >
```

3   Type the report element name and press the Enter key (max. 20 alphanumeric, dash, and underscore characters).

OMUI response:

```
Reporting Interval (1=FIVE, 2=TRANSFER) >
```

4   Enter the type of reporting interval by typing

```
> n
```

and pressing the Enter key.

Where:
n = the reporting interval. Type 1 to set the reporting interval to
FIVE, or type 2 to set the reporting interval to TRANSFER.

OMUI response:

```
OM group name >
```

If you	Do
do not know the name of the OM group to add	press the Enter key, and type **n** at the system prompt to add the OM group. Determine the name of the OM group to be added and repeat this procedure.
know the name of the OM group to add	step 5

5   Type the OM group name and press the Enter key, then refer to the following table to determine your next step.

If you set the reporting interval to	Do
five	step 9
transfer	step 6

6   The OMUI displays the following response:

```
Register or All >
```

If you	Do
want to add a register	step 7
want to add all registers	step 8
do not want to add a register	press the Enter key, and go to step 16

7   Add a register by typing the name of the register and pressing the Enter key.

OMUI response:

```
Register or All >
```

If you	Do
want to add another register	repeat step 7
want to add all registers	step 8
do not want to add another registers	press the Enter key, and go to step 16

8   Add all the registers of the OM group by typing

> all

and pressing the Enter key.

OMUI response:

```
n registers have been added >
```

Where:
n = the number of registers in the OM group

Go to step 16.

9   *The OMUI displays the following response:*

```
Non-subtraction register >
```

If you	Do
want to add a non-subtraction register	step 10
do not want to add a non-subtraction register	press the Enter key, and go to step 11

10   Add a non-subtraction register by typing the name of the register and pressing the Enter key.

OMUI response:

```
Non-subtraction register >
```

If you	Do
want to add another non-subtraction register	repeat step 10
do not want to add another non-subtraction register	press the Enter key, and go to step 11

11   *The OMUI displays the following response:*

```
Single subtraction register >
```

If you	Do
want to add a single subtraction register	step 12
do not want to add a single subtraction register	press the Enter key, and go to step 13

12   Add a single subtraction register by typing the name of the register and pressing the Enter key.

OMUI response:

```
Single subtraction register >
```

If you	Do
want to add another single subtraction register	repeat step 12
do not want to add another single subtraction register	press the Enter key, and go to step 13

13   *The OMUI displays the following response:*

```
Double subtraction register (base) >
```

If you	Do
want to add the base of a double subtraction register	step 14
do not want to add the base of a double subtraction register	press the Enter key, and go to step 16

14   Add the base register set of a double subtraction register by typing the name of the base register and pressing the Enter key.

OMUI response:

```
Double subtraction register (ext) >
```

15   Type the name of the extension (ext) register and press the Enter key.

> *Note:* To use the double subtraction register, you must enter a base and extension register name. Each register must use different register names.

OMUI response:

```
Double subtraction register (base) >
```

If you	Do
want to add another double subtraction register	step 14
do not want to add another double subtraction register	press the Enter key, and go to step 16

16   *The OMUI displays the following response:*

```
Add OM group (Y/N) ?
```

If you	Do
want to add the OM group to this report element	step 17
do not want to add the OM group to this report element	type *n*, press the Enter key, and go to step 18

17   Add the OM group by typing

> y

and pressing the Enter key.

18   *The OMUI displays the following response:*

```
OM group name
```

If you	Do
want to add another OM group to this report element	return to step 5
do not want to add another OM group to this report element	press the Enter key, and go to step 19

19   *The OMUI displays the following response:*

```
Add report element (Y/N) ?
```

If you	Do
want to add the new report element	step 20
do not want to add the new report element	type **n**, press the Enter key, and go to step 21

20   Confirm that you have chosen to add the report element by typing

> **y**

and pressing the Enter key.

OMUI response:

```
Please wait...

RE1: the request was successful

Press Enter for Report Element Menu
```

21   Press the Enter key.

OMUI response:

```
                Report Element Main Menu

1. List Report Elements
2. Add Report Elements
3. Delete Report Elements
4. Modify Report Elements
5. Help
6. Return to Main Menu

Select Option >
```

22   Return to the OM Delivery Main Menu by typing:

> **6**

and pressing the Enter key.

23   You have completed this procedure.

Adding a report registration

To add a report registration, you must specify the following information:

- Report registration name: the name of the report registration can include up to 20 alphanumeric, dash, and underscore characters.

- Report element name: the name of the report element that is linked to the report registration.

- Data collection schedule name: the name of the data collection schedule that is linked to the report registration.

- File rotation schedule name: the name of the file rotation schedule that is linked to the report registration.

- File transfer schedule name: the name of the file transfer schedule that is linked to the report registration (optional).

Note: You must define the report element, data collection schedule, file rotation schedule, and file transfer schedule before you can link them to a report registration. The data collection schedule, file rotation schedule, and file transfer schedule become active immediately after you add (create) the report registration.

Use the following procedure to add a report registration.

Adding a report registration

At the OM Delivery Main Menu

1   Access the Report Registration Menu by typing

> `> 6`

and pressing the Enter key.

Response:

```
                Report Registration

1. List Report Registration
2. Add Report Registration
3. Delete Report Registration
4. Help
5. Return to Main Menu

Select Option >
```

2   Add a report registration by typing

> **2**

and pressing the Enter key.

Response:

```
          Add Report Registration

Type "EXIT" to return to previous menu

Report Registration name >
```

3   Type the name you have chosen to give the report registration (you can use up to 20 alphanumeric, dash, and underscore characters) and press the Enter key.

Response:

```
Report element name >
```

4   Type the report registration name and press the Enter key.

Response:

```
Data Collection Schedule name >
```

5   Type the data collection schedule name and press the Enter key.

Response:

```
File Rotation Schedule name >
```

6   Type the file rotation schedule name and press the Enter key.

Response:

```
File Transfer Schedule name >
```

7   Type the file transfer schedule name and press the Enter key.

Response:

```
Add Report Registration(Y/N)?
```

8   Confirm that you want to add the report registration by typing

> **y**

and pressing the Enter key.

Response:

```
Please wait....
RR1: the request was successful.
Press Enter for Report Registration Menu.
```

9   Press the Enter key.

Response:

```
                   Report Registration

1. List Report Registration
2. Add Report Registration
3. Delete Report Registration
4. Help
5. Return to Main Menu

Select Option >
```

10   Refer to the following table to determine your next step.

If you	Do
want to add another report registration	step 2
do not want to add another report registration	step 11

11   Return to the OM Delivery Main Menu by typing

> **5**

and pressing the Enter key.

12   You have completed the procedure.

Adding a data collection schedule

To add a new data collection schedule, you must specify the name of the schedule and how often you want the system to collect the data. The name of the data collection schedule can include up to 20 alphanumeric, dash, and underscore characters. The data can be collected daily, weekly, or monthly. You must also specify the start and stop times for the specified dates.

> *Note:* Note: you cannot specify a start time of 2400. Valid entities for stop times include 0000 and 2400. The start time must always be less than the stop time unless the stop time is 0000.

When a data collection schedule is set up, the start time and stop times are used to determine the time period over which the OM report collections takes place. The collecting interval determines how often within the time period an OM report is collected.

For example, for a data collection schedule of 0400 to 0500 (4:00 am to 5:00 am), with a 5-minute collecting interval, the first OM report collection takes place at 0405, and contains OM data for the report period of 0400 to 0405, while the last OM report collection takes place at 0500, and contains OM data for the report period of 0455 to 0500. This creates a true picture of all the OM data that is generated between 4:00 am and 5:00 am. All data for this collection period is contained in one report file.

For data collection schedules with a collection interval that includes time periods after midnight (collection extends into the next day), all the data is collected to the same report file regardless of whether or not the collection period extends past midnight.

Refer to <u>Data collection schedules</u> for information about variables you need to specify when you create a data collection schedule.

Data collection schedules

Repetition	Schedule information
Daily	Daily repetition includes the start and stop time of the day. The start and stop times need to be in the format of hhmm, where hh stands for the hour (from 00 to 24) and mm stands for the minute (00 or 30). Only a single time period can be specified within the schedule. Multiple times periods within the same day require defining multiple schedules.
Weekly	Days of the week are Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, and Saturday. Start time and stop time must be in the hhmm format (see daily repetition). Multiple days of the week can be specified within the same schedule.
Monthly	Days of the month can be any days from the 1st to the 31st. Start time and stop time must be in the hhmm format (see daily repetition). Multiple days in the month can be specified within the schedule.

Use the following procedure to add a data collection schedule.

Adding a data collection schedule

At the OM Delivery Main Menu

1   Access the Data Collection Schedule Menu by typing

> 2

and pressing the Enter key.

Response:

```
            Data Collection Schedule

1. List Data Collection Schedule
2. Add Data Collection Schedule
3. Delete Data Collection Schedule
4. Modify Data Collection Schedule
5. Help
6. Return to Main Menu

Select Option >
```

2   Add a new data collection schedule by typing

```
> 2
```

and pressing the Enter key.

Response:

```
          Add Data Collection Schedule

Type "EXIT" to return to previous menu

Data Collection Schedule name >
```

3   Type the data collection schedule name (you can use up to 20 alphanumeric characters, dash, and underscore characters).

and pressing the Enter key.

Response:

```
Repetition (1 = DAILY, 2 = WEEKLY, 3 = MONTHLY) >
```

4   Use the following table to determine your next step.

If you	Do
you choose to add a data collection schedule with a daily repetition rate (schedule collections once each day)	step 5
you choose to add a data collection schedule with a weekly repetition rate (schedule collection once each week)	step 7
you choose to add a data collection schedule with a monthly repetition rate (schedule collections on the same day each month)	step 10

5   Create a data collection schedule based on a daily interval by typing

```
> 1
```

and pressing the Enter key.

The OMUI responds with the following screen:

```
Start time (HHMM) >
```

6   Skip to step 12.

7   Add a data collection schedule based on a weekly interval by typing

> **> 2**

and pressing the Enter key.

The OMUI responds with the following screen:

```
Day of Week (1 = Monday, 2 = Tuesday, ..., 7 = Sunday)>
```

8   Enter the number for the day of the week that you have chosen for data collection to take place.

The OMUI responds with the following screen:

```
Start time (HHMM) >
```

9   Go to step 12.

10   Create a data collection schedule based on a monthly interval by typing

> **> 3**

and pressing the Enter key.

The OMUI responds with the following screen:

```
Day of Month (1-31) >
```

11   Enter the number for the day of the month to collect data.

To specify multiple days of the month to collect data, separate days with a comma.

The OMUI responds with the following screen:

```
Start time (HHMM) >
```

12   Enter the time of day to start collecting data.

The OMUI responds with the following screen:

```
Stop time (HHMM) >
```

13   Enter the time of day to stop collecting data

The OMUI responds with the following screen:

```
Add Data Collection Schedule (Y/N) ?
```

14   Confirm your choice to add the data collection schedule by typing

> **y**

and pressing the Enter key.

The OMUI responds with the following screen:

```
Please wait...
dcsname: The request was successful.
Press Enter for Data Collection Schedule Menu.
```

15   Press the Enter key to return to the File Rotation Schedule Menu.

The OMUI displays the following screen:

```
                Data Collection Schedule

1. List Data Collection Schedule
2. Add Data Collection Schedule
3. Delete Data Collection Schedule
4. Modify Data Collection Schedule
5. Help
6. Return to Main Menu

Select Option >
```

16   Return to the OM Delivery Main Menu by typing

> **6**

and pressing the Enter key.

17   You have completed the procedure.

Adding OM groups to a report element

To add OM groups to an existing report element, you must specify the information in the following table.

Component	Description
Report element name	Name of the report element (max. 20 alphanumeric, dash, and underscore characters)
OM group name	Name of the OM group being added to the report element
Register	The reporting interval is an office transfer period. The interval is 5 min. for the following registers: • non-subtraction • single subtraction • double subtraction (base and extended) For more details, refer to *"Operational Measurements Delivery Overview"* in the Basics section.

Use the following procedure to add an OM group to an existing report element.

Adding OM groups to a report element

At the OM Delivery Main Menu

1   Display the Report Element Main Menu by typing

> **1**

and pressing the Enter key.

OMUI response:

```
                 Report Element Main Menu

1. List Report Elements
2. Add Report Element
3. Delete Report Element
4. Modify Report Element
5. Help
6. Return to Main Menu

Select Option >
```

2   Access the Modify Report Element Menu by typing

> **4**

and pressing the Enter key.

OMUI response:

```
                 Modify Report Element Menu

1. Add OM groups to a Report Element
2. Delete OM groups from a Report Element
3. Modify OM groups in a Report Element
4. Help
5. Return to Report Element Menu

Select Option >
```

3   Initiate the process of adding OM groups to an existing report element by typing

> **> 1**

and pressing the Enter key.

OMUI response:

```
        Add OM Groups to a Report Element

Type "EXIT" to return to previous menu


Report Element name >
```

4   Type the report element name and press the Enter key.

OMUI response:

```
    Selected OM Groups in the report element:

            OM group1      OM group2      OM group3
            OM group4      .........      .........
                :              :              :
                :              :              :
            .........      .........      OM groupn

    OM group to add >
```

Where:
OM groups 1 to n = the OM groups that are datafilled in the report element

5   Type the OM group name and press the Enter key.

If the OMUI displays the message	Do
Non-subtraction Register > the reporting interval for this OM group is set to FIVE	step 9
Register or All > the reporting interval for this OM group is set to TRANSFER	step 6

6   Refer to the following table to determine your next step.

If	Do
you want to add a register	step 7
you want to add all registers	step 8
you do not want to add a register	press the Enter key, and go to step 17

7   Add a register by typing the name of the register and pressing the Enter key.

OMUI response:

```
Register or All >
```

If	Do
you want to add another register	repeat step 7
you want to add all registers	step 8
do not want to add another register	press the Enter key, and go to step 17

8   Add all registers by typing the name of the register and pressing the Enter key.

OMUI response:

```
n registers have been added >
```

Where:
n = the number of registers in the OM group.

Go to step 17.

9   *The OMUI displays the following response:*

```
Non-subtraction register >
```

If	Do
you want to add a non-subtraction register	step 10
do not want to add a non-subtraction register	press the Enter key, and go to step 11

10   Add a non-subtraction register by typing the name of the register and pressing the Enter key.

OMUI response:

```
Non-subtraction register >
```

If	Do
you want to add another non-subtraction register	repeat step 10
do not want to add another non-subtraction register	press the Enter key, and go to step 11

11   *The OMUI displays the following response:*

```
Single subtraction register >
```

If	Do
you want to add a single subtraction register	step 12
do not want to add a single subtraction register	press the Enter key, and go to step 13

12   Add a single subtraction register by typing the name of the register and pressing the Enter key.

OMUI response:

```
Single subtraction register >
```

If	Do
you want to add another single subtraction register	repeat step 12
do not want to add another single subtraction register	press the Enter key, and go to step 13

13   *The OMUI displays the following response:*

```
Double subtraction register (base) >
```

14   Refer to the following table to determine your next step.

If	Do
you want to add the base of a double subtraction register	step 15
do not want to add the base of a double subtraction register	press the Enter key, and go to step 17

15   Add the base register of the double subtraction register set by typing the name of the base register and pressing the Enter key.

OMUI response:

```
Double subtraction register (ext) >
```

16   Type the name of the extension (ext) register and press the Enter key.

> *Note:* To use the double subtraction register, you must enter a base and extension register name. The register names must be different.

OMUI response:

```
Double subtraction register (base) >
```

If	Do
you want to add another double subtraction register	return to step 15
do not want to add another double subtraction register	press the Enter key, and go to step 17

17   *The OMUI displays the following response:*

```
Add OM group (Y?N) ?
```

If	Do
you want to add the OM group	type y, press the Enter key, and go to step 18
do not want to add the OM group	type n, press the Enter key, and go to step 18

18   *The OMUI displays the following response:*

```
OM group to add >
```

If	Do
you want to add another OM group to the report element	return to step 5
do not want to add another OM group to the report element	press the Enter key, and go to step 19

19   *The OMUI displays the following response:*

```
WARNING: If the report element is currently used by a
report registration, the file will be closed and a new
report file will be opened. Add OM groups (Y/N) ?
```

If	Do
you want to add these OM groups to the report element	step 20
do not want to add these OM groups to the report element	type n, press the Enter key, and go to step 22

20   Add the OM groups to this report element by typing

> **y**

and pressing the Enter key.

OMUI response:

```
Please wait. This may take a few minutes.

RE1: the request was successful.

Report Registrations affected by this modification: RR list

Press Enter for Modify Report Element Menu.
```

21   Press the Enter key to return to the Modify Report Element Menu.

22   *The OMUI displays the following response:*

```
            Modify Report Element Menu

   1. Add OM groups to a Report Element
   2. Delete OM groups from a Report Element
   3. Modify OM groups in a Report Element
   4. Help
   5. Exit to Report Element Menu

   Select Option >
```

23   Return to the Report Element Menu by typing

> **5**

and pressing the Enter key.

24   Return to the OM Delivery Main Menu by typing

          `>  6`

          and pressing the Enter key.

25   You have completed this procedure.

Adding a register to an existing OM group in a report element

To add a register to an existing operational measurements (OM) group in a report element, you need the information in the following table.

Component	Description
Report element name	User-defined name of the report element of the OM groups being modified
OM group name	Name of a valid OM group to be modified in the report element
Register	The reporting interval is an office transfer period. The interval is 5 min. for the following registers: • non-subtraction • single and double subtraction (base and extended) For more information, refer to *"Operational Measurements Delivery Overview"* in the Basics section.

Use the following procedure to add a register to an existing OM group in a report element.

Adding a register to an existing OM group in a report element

At the OM Delivery Main Menu

1   Display the Report Element Main Menu by typing

> **> 1**

and pressing the Enter key.

OMUI response:

```
              Report Element Main Menu

    1. List Report Elements
    2. Add Report Element
    3. Delete Report Element
    4. Modify Report Element
    5. Help
    6. Return to Main Menu

    Select Option >
```

2   Display the Modify Report Element Menu by typing

> **4**

and pressing the Enter key.

OMUI response:

```
              Modify Report Element Menu

  1. Add OM groups to a Report Element
  2. Delete OM groups from a Report Element
  3. Modify OM groups in a Report Element
  4. Help
  5. Exit to Report Element Menu

  Select Option >
```

3   Display the Modify OM groups in a Report Element Menu by typing

> **3**

and pressing the Enter key.

OMUI response:

```
        Modify OM Groups in a Report Element Menu

  1. Add Register(s) to OM groups to a Report Element
  2. Delete Register(s) from OM groups in a Report Element
  3. Help
  4. Return to Modify Report Element Menu

  Select Option >
```

4   Begin the process of adding a register or registers to an existing OM group of a report element by typing

> **1**

and pressing the Enter key.

OMUI response:

```
   Add Register(s) to OM groups in a Report Element

  Type "EXIT" to return to previous menu

  Report Element name >
```

5   Type the report element name and press the Enter key.

OMUI response:

```
Selected OM Groups in the report element:

        OM group1     OM group2     OM group3
        OM group4     .........     .........
            :             :             :
            :             :             :
        .........     .........     OM groupn

OM group to modify >
```

where:

OM groups *1* to *n* = the OM groups that are datafilled in the report element.

6   Type the OM group name and press the Enter key.

If the reporting interval for the OM group is set to	Do
TRANSFER	step 7
FIVE	step 10

7   The OMUI displays the following response:

```
Selected Registers in the OM group:

        Register1       Register2      Register3
           :            .........      .........
           :            .........
           :            .........      Registern

Register or All >
```

where:

registers *1* to *n* = the registers of the specified OM group that are datafilled

Refer to the following table to determine your next step.

If you	Do
want to add a *single* register	step 8
want to add *all* registers	step 9
do not want to add a register	press the Enter key, and go to step 18

8   Add a register by typing the name of the register and pressing the Enter key.

OMUI response:

```
                    Register or All >
```

Refer to the following table to determine your next step.

If you	Do
want to add another register	repeat step 8
want to add *all* registers	step 9
do not want to add another register	press the Enter key, and go to step 18

9   Add all the registers of the OM group by typing.

> `> all`

and pressing the Enter key.

OMUI response:

```
                    n registers have been added>
```

where:

n = the number of registers in the OM group.

Go to step 15.

10   The OMUI displays the following response:

```
            Selected Registers in the OM group:

      Non-subtraction Registers
            Register1      Register2      Register3
               :           .........      .........
               :           .........      .........
      Single Subtraction Registers
               :           .........      .........
               :           .........      .........
      Double Subtraction Registers
               :           .........      .........
               :           .........      .........
               :           .........      Registern

      Non-subtraction register >
```

where:

registers *1* to *n* = the registers that are datafilled for the OM group in the report element.

Refer to the following table to determine your next step.

If you	Do
want to add a non-subtraction register	step 11
do *not* want to add a non-subtraction register	press the Enter key, and go to step 12

11 Add a non-subtraction register by typing the name of the register and pressing the Enter key.

OMUI response:

```
Non-subtraction register>
```

Refer to the following table to determine your next step.

If you	Do
want to add another non-subtraction register	repeat step 11
do *not* want to add another non-subtraction register	press the Enter key, and go to step 12

12 The OMUI displays the following response:

```
Single subtraction register >
```

Refer to the following table to determine your next step.

If you	Do
want to add a single subtraction register	step 13
do *not* want to add a single subtraction register	press the Enter key, and go to step 14

13 Add a single subtraction register by typing the name of the register and pressing the Enter key.

OMUI response:

```
Single subtraction register>
```

Refer to the following table to determine your next step.

If you	Do
want to add another single subtraction register	repeat step 13
do *not* want to add another single subtraction register	press the Enter key, and go to step 14

14   The OMUI displays the following response:

```
Double subtraction register (base) >
```

15   Refer to the following table to determine your next step.

If you	Do
want to add the base of a double subtraction register	step 16
do *not* want to add the base of a double subtraction register	press the Enter key, and go to step 18

16   Add the base register set of a double subtraction register by typing the name of the base register and pressing the Enter key.

OMUI response:

```
Double subtraction register (ext)>
```

17   Type the name of the extension (ext) register and press the Enter key.

   Note: To use the double subtraction register, you must enter a base and extension register name. Each register must have different register names.

OMUI response:

```
Double subtraction register (base)>
```

Refer to the following table to determine your next step.

If you	Do
want to add another double subtraction register	step 16
do *not* want to add another double subtraction register	press the Enter key, and go to step 18

18   The OMUI displays the following response:

```
Modify OM group (Y/N)?
```

Refer to the following table to determine your next step.

If you	Do
want to modify the OM group	type **y**, press the Enter key, and go to step 19
do *not* want to modify the OM group	type **n**, press the Enter key, and go to step 19

19   The OMUI displays the following response:

```
OM group to modify >
```

Refer to the following table to determine your next step.

If you	Do
want to modify another OM group	return to step 6
do *not* want to modify another OM group of the report element	press the Enter key, and go to step 20

20   The OMUI displays the following response:

```
WARNING: If the report element is currently used by
a report registration, the file will be closed and
a new report file will be opened.
    Add Registers to OM groups (Y/N)?
```

Refer to the following table to determine your next step.

If you	Do
want to modify the OM groups to the report element	step 21
do *not* want to modify the OM groups to the report element	type **n**, press the Enter key, and go to step 23

21 Modify the OM groups to the report element by typing

> **y**

and press the Enter key.

OMUI response:

```
Please wait. This may take a few minutes.

RE1: the request was successful.

Report Registrations affected by this modification: RR list

Press Enter for Modify OM group in a Report Element menu.
```

22 Return to the Modify OM group in a Report Element Menu by pressing the Enter key.

23 The maintenance interface displays the following menu.

```
        Modify OM Group in a Report Element Menu

  1. Add Register(s) to OM groups in a Report Element
  2. Delete Register(s) from OM groups in a Report Element
  3. Help
  4. Return to Modify Report Element Menu

Select Option >
```

24 Return to the Modify Report Element Menu by typing

> **4**

and pressing the Enter key.

25 Return to the Report Element Menu by typing

> **5**

and pressing the Enter key.

26   Return to the OM Delivery Main Menu by typing

> 6

and pressing the Enter key.

27   You have completed this procedure.

Changing the time interval for performance log SDM620

Use this procedure to change the time interval for performance log SDM620. Log report SDM620 reports the following types of current CS 2000 Core Manager system performance data:

- CPU use
- number of processes
- system thresholds for swap space occupancy
- logical volume capacities

The time interval defines how frequently the CS 2000 Core Manager generates the SDM620 log report.

The following flowchart provides an overview of the procedure. Use the instructions in the step-action procedure that follows the flowchart to perform the task.

Summary of changing the time interval for performance log SDM620

```
┌──────────────┐
│ Log in to the CS │
│ 2000 Core Man-   │
│ ager.            │
└──────┬───────┘
       │
       ▼
┌──────────────┐
│ Access the       │
│ system menu.     │
└──────┬───────┘
       │
       ▼
┌──────────────┐
│ Change the       │
│ time interval for │
│ SDM620 log.      │
└──────┬───────┘
       │
       ▼
┌──────────────┐
│ Confirm the      │
│ value.           │
└──────┬───────┘
       │
       ▼
┌──────────────┐
│ End              │
│                  │
│                  │
└──────────────┘
```

This flowchart summarizes the procedure.

Use the instructions in the procedure that follows this flowchart to perform the procedure.
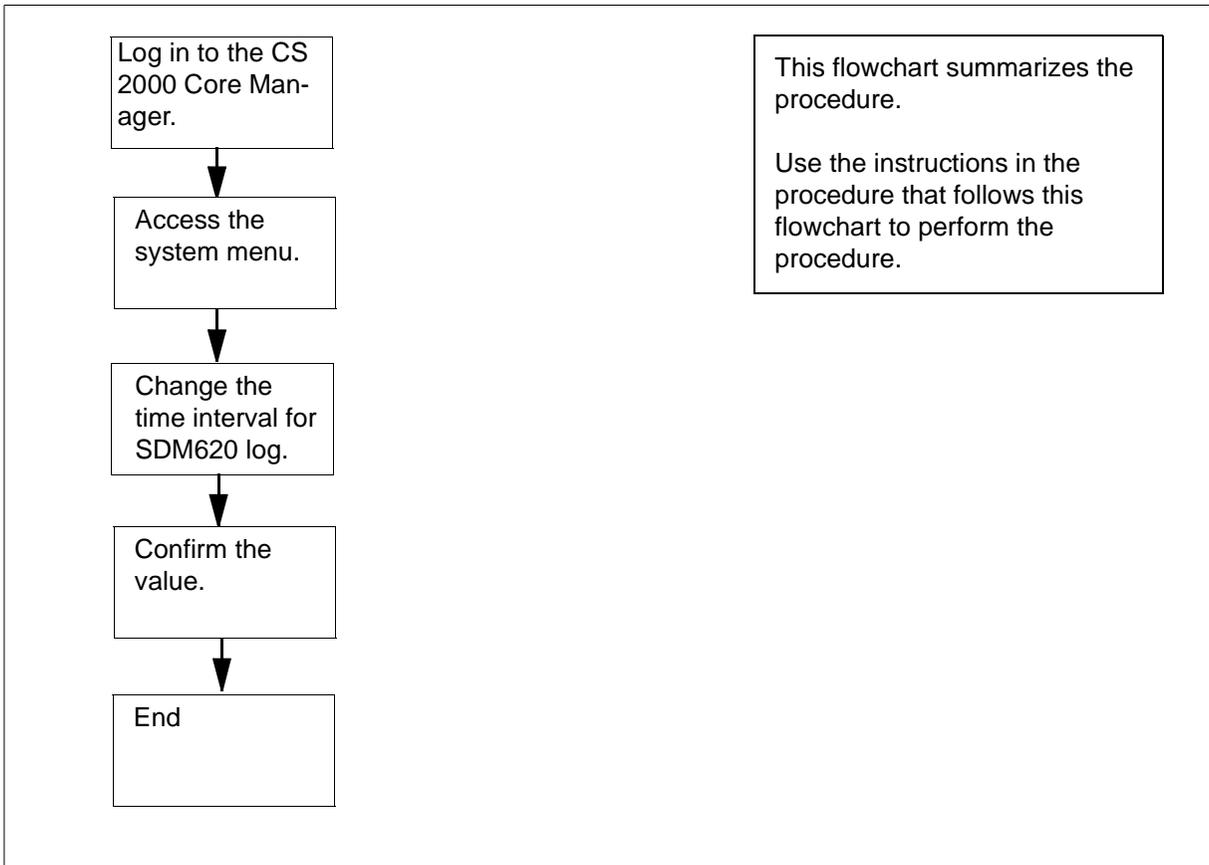
Changing the time interval for performance log SDM620

At the local VT100 console

1   Log in to the CS 2000 Core Manager as the root user, or a maint class user.

2   Access maintenance interface by typing

     # sdmmtc

     and pressing the Enter key.

3   Access the system (Sys) level by typing

> **sys**

and pressing the Enter key.

Response

```
SDM Storage State:

#
Description                        Current/Thresho
ld
1 CPU (run queue entries):              1 /   5
2 Number of Processes:                 75 /250
3 Number of Zombies:                    0 /   3
4 Swap Space (% full):                 22 / 80
5 Number of Swap Queue Entries:         0 /   2
```

4   Check the performance log interval value by typing

> **querysdm**

and pressing the Enter key 3 times.

Response:

```
System Variables
--------------------------------------------------
Number of events before log:       4
Performance Log Time Interval:     5
```

> *Note:* In the preceding response, the performance log time interval is 5.

5   Change the Performance Log Time Interval by typing

> **CHANGE TI**

and pressing the Enter key.

Response:

```
Time Interval:  5
```

> *Note:* The system displays the current time interval value. In the preceding response, the time interval is the default value of 5.

6   Enter the Performance Log Time Interval value.

The valid range for this field is 5 to 20 160 (14 days) min. The default value is 5 min. The system will not let you enter a value less than 5 min.

Response

```
Values to be changed:
Performance Log Time Interval:   6 minutes
ENTER Y TO CONFIRM, N TO REJECT OR E TO EDIT.
```

7   Confirm the value by typing

> **y**

and pressing the Enter key.

Response:

```
Change Time Interval - Command initiated.
Please wait...

Change Time Interval - Command complete.
```

8   You have completed this procedure.

Deleting a data collection schedule

You can delete a data collection schedule as long as there are no report registrations using them. If a data collection schedule is used by any report registration, the report registration has to be deleted before the data collection schedule can be deleted. In addition, the name of the data collection schedule you choose to delete is required.

Use the following procedure to delete a data collection schedule.

Deleting a data collection schedule

At the OM Delivery Main Menu

1   Access the Data Collection Schedule Menu by typing

> **> 2**

and pressing the Enter key.

The OMUI displays the following screen:

```
                Data Collection Schedule

1. List Data Collection Schedule
2. Add Data Collection Schedule
3. Delete Data Collection Schedule
4. Modify Data Collection Schedule
5. Help
6. Return to Main Menu

Select Option >
```

2   Delete a data collection schedule by typing

> **> 3**

and pressing the Enter key.

The OMUI displays the following screen:

```
                Delete Data Collection Schedule
Data Collection Schedule Name >
```

> **Note:** If you do not know the data collection schedule name (DCS name) that you have chosen to delete, use the "List Data Collection Schedule" option to review the list of the currently defined data collection schedules.

3   Enter the name of the data collection schedule that you have chosen to delete.

The OMUI responds with the following screen:

```
Delete data collection schedule (Y/N) ?
```

4   Confirm that you want to delete the data collection schedule entry by typing

> *y*

and pressing the Enter key.

The OMUI responds with the following screen:

```
Please wait...
dcsname: The request was successful.
Press Enter for Data Collection Schedule Menu.
```

5   Press Enter to return to the Data Collection Schedule Menu.

The OMUI displays the following screen:

```
              Data Collection Schedule

1. List Data Collection Schedule
2. Add Data Collection Schedule
3. Delete Data Collection Schedule
4. Modify Data Collection Schedule
5. Help
6. Return to Main Menu

Select Option >
```

6   Return to the OM Delivery Main Menu by typing

> 6

and pressing the Enter key.

7   You have completed the procedure.

Deleting a file rotation schedule

You can delete file rotation schedules as long as there are no report registrations using them. If a file rotation schedule is being used by a report registration, you must first delete the report registration, then you can delete the report element. In addition, the file rotation schedule name is required to delete a file rotation schedule.

Use the following procedure to delete a file rotation schedule.

Deleting a file rotation schedule

At the OM Delivery Main Menu

1 Access the File Rotation Schedule Menu by typing

> **3**

and pressing the Enter key.

The OMUI displays the following screen:

```
        File Rotation Schedule Menu

1. List File Rotation Schedules
2. Add File Rotation Schedule
3. Delete File Rotation Schedule
4. Modify File Rotation Schedule
5. Help
6. Return to Main Menu

Select Option >
```

2 Delete a file rotation schedule by typing

> **3**

and pressing the Enter key.

The OMUI displays the following screen:

```
Delete File Rotation Schedule
 File Rotation Schedule name >
```

> **Note:** If you do not know the file rotation schedule name (FRS name) you have chosen to delete, use the "List File Rotation Schedule" option to review the list of currently defined file rotation schedules.

3 Enter the name of the file rotation schedule you want to delete.

The OMUI responds with the following screen:

```
Delete file rotation schedule (Y/N) ?
```

4   Confirm that you want to delete the file rotation schedule entry by typing

> **y**

and pressing the Enter key.

The OMUI responds with the following screen:

```
Please wait...
frsname: The request was successful.
Press Enter for File Rotation Schedule Menu.
```

5   Press Enter to return to the File Rotation Schedule Menu.

The OMUI displays the following screen:

```
              File Rotation Schedule Menu

1. List File Rotation Schedules
2. Add File Rotation Schedule
3. Delete File Rotation Schedule
4. Modify File Rotation Schedule
5. Help
6. Return to Main Menu

Select Option >
```

6   Return to the OM Delivery Main Menu by typing

> **6**

and pressing the Enter key.

7   You have completed the procedure.

Deleting a file transfer destination

Before you can delete a file transfer destination, you must remove the report registration using the Report Registration Menu.

Use the following procedure to remove a file transfer destination.

Deleting a file transfer destination

At the OMUI Main Menu

1   Access the File Transfer Destination Main Menu by typing

> **> 4**

and pressing the Enter key.

Response:

```
        File Transfer Destination

1. List File Transfer Destinations
2. Add File Transfer Destination
3. Delete File Transfer Destination
4. Modify File Transfer Destination
5. Help
6. Return to Main Menu

Select Option >
```

2   Select Delete File Transfer Destination by typing

> **> 3**

and pressing the Enter key.

The OMUI responds with the following screen:

```
        File Transfer Destination Main Menu

File Transfer Destination name >
```

3   Enter the name of the file transfer destination you want to delete.

The OMUI responds with the following screen:

```
Delete file transfer destination (Y/N) ?
```

4   Confirm that you want to delete the file transfer destination entry by typing

> **y**

and pressing the Enter key.

The OMUI responds with the following screen:

```
Please wait...
ftdname: The request was successful.
Press Enter for File Transfer Destination
Menu.
```

5   Press the Enter key to return to the File Transfer Destination Menu.

The OMUI responds with the following screen:

```
              File Transfer Destination Menu
1. List File Transfer Destination
2. Add File Transfer Destination
3. Delete File Transfer Destination
4. Modify File Transfer Destination
5. Help
6. Return to Main Menu

Select Option >
```

6   Return to the OM Delivery Main Menu by typing

> **6**

and pressing the Enter key.

7   You have completed the procedure.

Deleting a file transfer schedule

Use the following procedure to remove a file transfer schedule.

Deleting a file transfer schedule

At the OMUI Main Menu

1   Access the File Transfer Schedule Main Menu by typing.

> **> 5**

Response:

```
        File Transfer Schedule Menu

1. List File Transfer Schedule
2. Add File Transfer Schedule
3. Delete File Transfer Schedule
4. Modify File Transfer Schedule
5. Help
6. Return to Main Menu

Select Option >
```

2   Select Delete File Transfer Schedule by typing

> **> 3**

and pressing the Enter key.

The OMUI responds with the following screen:

```
Delete File Transfer Schedule File Transfer
Schedule name >
```

> **Note:** If you do not know the file transfer schedule name (FTS name) you have chosen to delete, use the Listing a file transfer schedule procedure to review the list of currently defined file transfer schedules.

3   Enter the name of the file transfer schedule you want to delete.

The OMUI responds with the following screen:

```
Delete file transfer schedule (Y/N)?
```

4   Confirm that you want to delete the file transfer schedule entry by typing

> **y**

and pressing the Enter key.

The OMUI responds with the following screen:

```
Please wait...
ftsname: The request was successful.
Press Enter for File Transfer Schedule Menu.
```

5   Press Enter to return to the File Transfer Schedule Menu.

The OMUI displays the following screen:

```
          File Transfer Schedule Menu
1. List File Transfer Schedule
2. Add File Transfer Schedule
3. Delete File Transfer Schedule
4. Modify File Transfer Schedule
5. Help
6. Return to Main Menu

Select Option >
```

6   Return to the OM Delivery Main Menu by typing

> **6**

and pressing the Enter key.

7   You have completed the procedure.

Deleting a report element

You can delete report elements as long as there are no report registrations in use of the report elements. If a report registration is in use of a report registration, you must first delete the report registration, then you can delete the report element.

Use the following procedure to delete a report element.

Deleting a report element

At the OMUI Main Menu

1   Display the Report Element Main Menu by typing

> **> 1**

and pressing the Enter key.

The OMUI displays the following screen:

```
          Report Element Main Menu


1. List Report Elements
2. Add Report Element
3. Delete Report Element
4. Modify Report Element
5. Help
6. Return to Main Menu

Select Option >
```

2   Select Delete a Report Element by typing

> **> 3**

and pressing the Enter key.

The OMUI displays the following screen:

```
            Delete Report Element
Report Element name >
```

3   Type the report element name and press the Enter key.

The OMUI displays the following screen:

```
Delete Report Element (Y?N) ?
```

4   Confirm that you want to delete the report element by typing

> **y**

and pressing the Enter key.

The OMUI displays the following screen:

```
Please wait...

RE1: the request was successful.

Press Enter for Report Element Menu
```

5   Press the Enter key.

The OMUI displays the following screen:

```
              Report Element Main Menu


1. List Report Elements
2. Add Report Element
3. Delete Report Element
4. Modify Report Element
5. Help
6. Return to Main Menu

Select Option >
```

6   Return to the OM Delivery Main Menu by typing

> **6**

and pressing the Enter key.

7   You have completed the procedure.

Deleting a report registration

You can delete a report registration, which stops the process of collecting data and unties the report element, the data collection schedule, the file rotation schedule, and the file rotation schedule.

You only need the report registration name to delete a report registration. The components that form a report registration (report element, data collection schedule, file rotation schedule, and optional file transfer schedule) are not changed when a report registration is deleted.

If data collection is in progress when a report registration is deleted, data collection ceases and the report file is closed. The report file is not rotated unless the same rotation schedule is tied to another report registration.

Use the following procedure to delete a report registration.

Deleting a report registration

At the OMUI Main Menu

1   Access the File Report Registration Menu by typing

> `> 6`

and pressing the Enter key.

The OMUI displays the following screen:

```
                Report Registration

1. List Report Registration
2. Add Report Registration
3. Delete Report Registration
4. Help
5. Return to Main Menu

Select Option >
```

2   Select Delete Report Registration by typing

> `> 3`

and pressing the Enter key.

The OMUI displays the following screen:

```
                Delete Report Registration
Report Registration name >
```

3   Enter the report registration name you want to delete and press the Enter key.

The OMUI displays the following screen:

```
Delete Report Registration(Y/N) >
```

4   Confirm that you want to delete the report registration by typing

> y

and pressing the Enter key.

The OMUI displays the following screen:

```
Please wait....
RR1: the request was successful.
Press Enter for Report Registration Menu.
```

5   Press the Enter key.

The OMUI displays the following screen:

```
                    Report Registration

1. List Report Registration
2. Add Report Registration
3. Delete Report Registration
4. Help
5. Return to Main Menu

Select Option >
```

6   Return to the OM Delivery Main Menu by typing

> 5

and pressing the Enter key.

7   You have completed the procedure.

Deleting a register from an existing OM group in a report element

To delete a register from an existing operational measurements (OM) group in a report element, you need the information in the following table.

Component	Description
Report element name	User-defined name of the report element of the OM groups being modified
OM group name	Name of a valid OM group to be modified in the report element
Register	The reporting interval is an office transfer period. The interval is 5 min. for the following registers: • non-subtraction • single and double subtraction (base and extended) For more information, refer to *"Operational Measurements Delivery Overview"* in the Basics section.

Use the following procedure to delete a register from an existing OM group in a report element.

Deleting a register from an existing OM group in a report element

At the OM Delivery Main Menu

1   Display the Report Element Main Menu by typing

> **> 1**

and pressing the Enter key.

OMUI response:

```
             Report Element Main Menu

1. List Report Elements
2. Add Report Element
3. Delete Report Element
4. Modify Report Element
5. Help
6. Return to Main Menu

Select Option >
```

2   Display the Modify Report Element Menu by typing

> **> 4**

and pressing the Enter key.

OMUI response:

```
             Modify Report Element Menu

1. Add OM groups to a Report Element
2. Delete OM groups from a Report Element
3. Modify OM groups in a Report Element
4. Help
5. Exit to Report Element Menu

Select Option >
```

3   Display the Modify OM groups in a Report Element Menu by typing

> **3**

and pressing the Enter key.

OMUI response:

```
        Modify OM Groups in a Report Element Menu

1. Add Register(s) to OM groups to a Report Element
2. Delete Register(s) from OM groups in a Report Element
3. Help
4. Return to Modify Report Element Menu

Select Option >
```

4   Initiate the process of deleting registers from an existing OM group in a report element by typing

> **2**

and pressing the Enter key.

OMUI response:

```
Delete Register(s) from OM groups in a Report Element

Type EXIT to return to previous menu

Report Element name >
```

5   Type the report element name and press the Enter key.

OMUI response:

```
    Selected OM Groups in the report element:

            OM group1     OM group2     OM group3
            OM group4     .........     .........
               :             :             :
               :             :             :
            .........     .........     OM groupn

    OM group to modify >
```

Where:
OM groups 1 to n = the OM groups that already are datafilled in the report element.

6   Type the OM group name and press the Enter key.

If the reporting interval for the OM group is set to	Do
TRANSFER	step 7
FIVE	step 9

7   The OMUI displays the following response:

```
Selected Registers in the OM group:

        Register1      Register2      Register3
           :          .........      .........
           :          .........
           :          .........      Registern


Register >
```

Where:
registers1 to n = the registers of the specified OM group that are datafilled

Refer to the following table to determine your next step.

If you	Do
want to delete a register	step 8
do not want to delete a register	press the Enter key, and go to step 16

8   Delete a register by typing the name of the register and pressing the Enter key.

OMUI response:

```
                        Register >
```

Refer to the following table to determine your next step.

If you	Do
want to delete another register	repeat step 8
do not want to delete another register	press the Enter key, and go to step 16

9   The OMUI displays the following response:

```
        Selected Registers in the OM group:

   Non-subtraction Registers
          Register1      Register2      Register3
              :          .........      .........
              :          .........      .........
   Single Subtraction Registers
              :          .........      .........
              :          .........      .........
   Double Subtraction Registers
              :          .........      .........
              :          .........      .........
              :          .........      Registern
```

Where:
registers1 to n = the registers that are datafilled for the OM group
in the report element.

Refer to the following table to determine your next step.

If the registers datafilled are	Do
non-subtraction	step 10
single subtraction	step 12
double subtraction	step 14

10   The OMUI displays the following response.

```
               Non-subtraction register>
```

Refer to the following table to determine your next step.

If you	Do
want to delete a non-subtraction register	step 11
do *not* want to delete a non-subtraction register	press the Enter key, and go to step 12

11   Delete a non-subtraction register by typing the name of the register and pressing the Enter key.

OMUI response:

```
                Non-subtraction register >
```

Refer to the following table to determine your next step.

If you	Do
want to delete another non-subtraction register	repeat step 11
do *not* want to delete another non-subtraction register	press the Enter key, and go to step 12

12   The OMUI displays the following response.

```
                Single subtraction register>
```

Refer to the following table to determine your next step.

If you	Do
want to delete a single subtraction register	step 13
do *not* want to delete a single subtraction register	press the Enter key, and go to step 14

13   Delete a single subtraction register by typing the name of the register and pressing the Enter key.

```
                Single subtraction register >
```

Refer to the following table to determine your next step.

If you	Do
want to delete another single subtraction register	repeat step 13
do *not* want to delete another single subtraction register	press the Enter key, and go to step 14

14   The OMUI displays the following response.

```
Double subtraction register (base)>
```

Refer to the following table to determine your next step.

If you	Do
want to delete a double subtraction register	step 15
do *not* want to delete a double subtraction register	press the Enter key, and go to step 16

15   Delete a double subtraction register by typing the name of the base register and pressing the Enter key.

OMUI response:

```
Double subtraction register (base)>
```

Refer to the following table to determine your next step.

If you	Do
want to delete another double subtraction register	repeat step 15
do *not* want to delete another double subtraction register	press the Enter key, and go to step 16

16   The OMUI displays the following response:

```
Modify OM group (Y/N)? >
```

Refer to the following table to determine your next step.

If you	Do
want to modify the OM group	type **y**, press the Enter key, and go to step 17
do *not* want to modify the OM group	type **n**, press the Enter key, and go to step 17

17   The OMUI displays the following response:

```
OM group to modify >
```

Refer to the following table to determine your next step.

If you	Do
want to modify another OM group of the report element	return to step 6
do *not* want to modify another OM group of the report element	press the Enter key, and go to step 18

18   The OMUI displays the following response:

```
WARNING: If the report element is currently used by
a report registration, the file will be closed and
a new report file will be opened.
    Add Registers to OM groups (Y/N)?
```

Refer to the following table to determine your next step.

If you	Do
want to modify the OM groups to the report element	step 19
do *not* want to modify the OM groups to the report element	type **n**, press the Enter key, and go to step 20

19   Modify the OM groups to the report element by typing

> **y**

and press the Enter key.

OMUI response:

```
Please wait. This may take a few minutes.

RE1: the request was successful.

Report Registrations affected by this modification: RR list

Press Enter for Modify OM group in a Report Element menu.
```

20   Return to the Modify OM group in a Report Element menu by pressing the Enter key.

OMUI response:

```
         Modify OM Group in a Report Element Menu

1. Add Register(s) to OM groups in a Report Element
2. Delete Register(s) from OM groups in a Report Element
3. Help
4. Return to Modify Report Element Menu

Select Option >
```

21   Return to the Modify Report Element Menu by typing

> **4**

and pressing the Enter key.

22   Return to the Report Element Menu by typing

> **5**

and pressing the Enter key.

23   Return to the OM Delivery Main Menu by typing

> **6**

and pressing the Enter key.

24   You have completed this procedure.

Deleting OM groups from a report element

To delete OM groups in a report element, you need the information in the following table.

Component	Description
Report element name	User-defined name of the report element from which the OM group is to be deleted
OM group name	Name of a valid OM group or groups to be deleted from the report element

Use the following procedure to delete an OM group from a report element.

Deleting OM groups from a report element

At the OM Delivery Main Menu

1   Display the Report Element Main Menu by typing

>   `> 1`

and pressing the Enter key.

OMUI response:

```
         Report Element Main Menu

1. List Report Elements
2. Add Report Element
3. Delete Report Element
4. Modify Report Element
5. Help
6. Return to Main Menu

Select Option >
```

2   Select the Modify Report Element Menu by typing

> **4**

and pressing the Enter key.

OMUI response:

```
        Modify Report Element Menu

1. Add OM groups to a Report Element
2. Delete OM groups from a Report Element
3. Modify OM groups in a Report Element
4. Help
5. Exit to Report Element Menu

Select Option >
```

3   Select Delete OM groups from a Report Element by typing

> **2**

and pressing the Enter key.

OMUI response:

```
Delete OM Groups from a Report Element

Type "EXIT" to return to previous menu

Report Element name >
```

If you	Do
do not know the name of the report element	press the Enter key. Choose option **5** to return to the Report Element Main Menu. Select option **1** (List Report Elements) to locate the report element that you want to delete from the OM group. (Refer to the procedure, *"Listing report element information."*)
know the name of the report element	type the name of the report element, press the Enter key, and go to step 4

4   *The OMUI displays the following response:*

```
Selected OM Groups in the report element:

        OM group1     OM group2     OM group3
        OM group4     .........     .........
            :             :             :
            :             :             :
        .........     .........     OM groupn

OM group to delete >
```

Where:
OM groups 1 to n = the OM groups that are datafilled in the report element

5   Type the name of the OM group you want to delete and press the Enter key.

OMUI response:

```
Delete OM group (Y/N) ?
```

If you	Do
want to delete an OM group from the report element	type **y**, press the Enter key, and go to step 6
do not want to delete an OM group from the report element	type **n**, press the Enter key, and go to step 6

6   *The OMUI displays the following response:*

```
OM group to delete >
```

If you	Do
want to delete another OM group from the report element	return to step 5
do not want to delete another OM group from the report element	press the Enter key, and go to step 7

7   *The OMUI displays the following response.*

```
Delete OM groups (Y/N) ?
```

If you	Do
want to delete the OM groups from the report element	step 8
do not want to delete the OM groups from the report element	type **n**, press the Enter key, and go to step 10

8   Delete the OM groups for this report element by typing

> **y**

and pressing the Enter key.

Example OMUI response:

```
Please wait....
RE1: the request was successful.
Report Registrations affected by this modification:
RR list
Press Enter for Modify Report Element
```

9   Press the Enter key to return to the Modify Report Element Menu.

10   *The OMUI displays the following response.*

```
        Modify Report Element Menu

 1. Add OM groups to a Report Element
 2. Delete OM groups from a Report Element
 3. Modify OM groups in a Report Element
 4. Help
 5. Exit to Report Element Menu

 Select Option >
```

11   Return to the Report Element Menu by typing

> **5**

and pressing the Enter key.

12   Return to the OM Delivery Main Menu by typing

> **6**

and pressing the Enter key.

13   You have completed this procedure.

Listing a file transfer destination

Use the following procedure to display information about any currently defined file transfer destinations.

Listing a file transfer destination

At the OM Delivery Main Menu

1   Access the File Transfer Destination Menu by typing

> **> 4**

and pressing the Enter key.

The OMUI displays the following screen:

```
              File Transfer Destination
1. List File Transfer Destination
2. Add File Transfer Destination
3. Delete File Transfer Destination
4. Modify File Transfer Destination
5. Help
6. Return to Main Menu

Select Option >
```

2   Select List File Transfer Destination by typing

> **> 1**

and pressing the Enter key.

The OMUI displays the following screen, which shows the currently defined destinations (two destinations are defined)

```
         List of File Transfer Destinations

FTD name        IP Address       Port    Login name

FTD1           47.204.165.619    21       ronaldp
FTD2           47.114.165.234    21       ronaldp

1. List File Transfer Destination Usage.
2. Return to File Transfer Destination Menu.

Select Option >
```

3   Refer to the following table to determine your next step.

If you	Do
want more details	step 4
do not want more details	step 6

4   Select List File Transfer Destination Usage by typing

`> 1`

and pressing the Enter key.

The OMUI displays the following screen:

```
              File Transfer Destination Usage
FTD name          Report Registration Name

FTD1              RR1
FTD2              RR2
Press Enter for List of File Transfer Destination
Menu.
```

5   Press the Enter key to return to the List of File Transfer Destination screen.

The OMUI displays the following screen:

6   Return to the File Transfer Destination Menu by typing

`> 2`

and pressing the Enter key.

The OMUI responds with the following screen:

```
              File Transfer Destination Menu
1. List File Transfer Destination
2. Add File Transfer Destination
3. Delete File Transfer Destination
4. Modify File Transfer Destination
5. Help
6. Return to Main Menu

Select Option >
```

7   Return to the OM Delivery Main Menu by typing

`> 6`

and pressing the Enter key.

8   You have completed the procedure.

Listing a file transfer schedule

Use the following procedure to display information about any currently defined file transfer schedules.

Listing a file transfer schedule

At the OM Delivery Main Menu

1   Access the File Transfer Schedule Menu by typing

> `> 5`

and pressing the Enter key.

The OMUI displays the following screen:

```
                File Transfer Schedule Menu

1. List File Transfer Schedule
2. Add File Transfer Schedule
3. Delete File Transfer Schedule
4. Modify File Transfer Schedule
5. Help
6. Return to Main Menu

Select Option >
```

2   Select List File Transfer Schedule by typing

> `> 1`

and pressing the Enter key.

The OMUI displays the following screen, which shows any currently defined schedules (two schedules are listed):

```
           List of File Transfer Schedule

FTS name     Repetition      Schedule Information

FTS 1        Daily           1830

  --> FTD name - FTD1
  --> FTD Dir - /home/u1/ronaldp/dest1
  --> FTD name - FTD2
  --> FTD Dir - /home/u1/ronaldp/dest2

1. List File Transfer Schedule Usage.
2. Return to File Transfer Schedule Menu.

Select Option >
```

> ***Note:*** If your CS 2000 Core Manager has more than 3 or 4 file transfer schedules defined, you must use the scroll bar in your terminal window to review all of the schedules listed.

3   Review the details of a specific file transfer schedule by typing

> **> 1**

and pressing the Enter key.

The OMUI displays the following screen (each FTS name shows its associated report registration name):

```
          File Transfer Schedule Usage
FTS name        Report Registration Name
FTS1            RR1

Press Enter for List of File Transfer Schedule Menu
```

4   Press the Enter key to return to the List File Transfer Schedule Menu.

5   Return to the File Transfer Schedule Menu by typing

> **> 2**

and pressing the Enter key.

The OMUI displays the following screen:

```
              File Transfer Schedule Menu
1. List File Transfer Schedule
2. Add File Transfer Schedule
3. Delete File Transfer Schedule
4. Modify File Transfer Schedule
5. Help
6. Return to Main Menu

Select Option >
```

6   Return to the OM Delivery Main Menu by typing

> **> 6**

and pressing the Enter key.

7   You have completed the procedure.

Listing data collection schedules

The list data collection schedule option displays the following information:

- the list of names of the data collection schedules that are currently configured

- the data collection schedule usage screen shows all the data collection schedule names and their corresponding report registrations

Use the following procedure to list data collection schedule information.

List data collection schedule

At the OM Delivery Main Menu

1   Access the Data Collection Schedule Menu by typing

> 2

and pressing the Enter key.

The OMUI displays the following screen:

```
        Data Collection Schedule

1. List Data Collection Schedule
2. Add Data Collection Schedule
3. Delete Data Collection Schedule
4. Modify Data Collection Schedule
5. Help
6. Return to Main Menu

Select Option >
```

2 Select List Data Collection Schedule by typing

> **1**

and pressing the Enter key.

The OMUI displays the following screen, which shows any currently defined schedules (three schedules are defined in this screen):

```
             List of Data Collection Schedule


DCS name     Repetition    Schedule Information

dcs1         Daily         0:00-0:00
dcs2         Weekly        Tue. Fri. Sun. 13:00-19:00
dcs3         Monthly       1, 2, 5, 23, 31 10:00-17:00

1. List Data Collection Schedule Usage
2. Return to Data Collection Schedule Menu

Select Option >
```

3 Refer to the following table to determine your next step.

If you	Do
want more details	step 4
do not want more details	step 6

4 List the data collection schedule by typing

> **1**

and pressing the Enter key.

The OMUI displays the following screen, which shows three schedules in use by report registrations:

```
           Data Collection Schedule Usage

DCS Name           Report Registration Name

DCS1               RE1                     RE2

DCS2               RE2                     RE2

DCS3               RE3                     RE4

Press Enter for List Data Collection Schedule Menu.
```

5 Press the Enter key to return to the List of Data Collection Schedules screen.

6   Return to the Data Collection Schedule Menu by typing

> 2

and pressing the Enter key.

The OMUI displays the following screen:

```
                Data Collection Schedule

1. List Data Collection Schedule
2. Add Data Collection Schedule
3. Delete Data Collection Schedule
4. Modify Data Collection Schedule
5. Help
6. Return to Main Menu

Select Option >
```

7   Return to the OM Delivery Main Menu by typing

> 6

and pressing the Enter key.

8   You have completed the procedure.

Listing file rotation schedules

The list file rotation schedule option displays the following information:

- names of the file rotation schedules that are currently configured
- file rotation schedule usage screen that shows all of the file rotation schedule names and their corresponding report registrations

Use the following procedure to list file rotation schedule information.

Listing file rotation schedules

At the OM Delivery Main Menu

1   Access the File Rotation Schedule Menu by typing

> 3

and pressing the Enter key.

The OMUI displays the following screen:

```
              File Rotation Schedule Menu

1. List File Rotation Schedules
2. Add File Rotation Schedule
3. Delete File Rotation Schedule
4. Modify File Rotation Schedule
5. Help
6. Return to Main Menu

Select Option >
```

2   Select List File Rotation Schedules by typing

> 1

and pressing the Enter key.

The OMUI displays the following screen that shows any currently defined schedule (five schedules are defined):

```
    List of File Rotation Schedule

 FRS name     Repetition  Schedule Information

FRS1          Daily       16:00
FRS2          Weekly      Fri. 12:00
FRS3          Monthly     End of the Month,0:00
FRS4          Reports     Every 20 reports
FRS5          Hours       Every 2 hours

1. List File Rotation Schedule Usage.
2. Return to File Rotation Schedule Menu.

Select Option >
```

3 Refer to the following table to determine your next step.

If you	Do
want more details	step 4
do not want more details	step 6

4 Select List File Rotation Schedule Usage by typing

> 1

and pressing the Enter key.

The OMUI displays the following screen that shows schedules in use by report registrations (two schedules are shown):

```
                File Rotation Schedule Usage

FRS Name                Report Registration Name

FRS1                    RR1                     RR2
                        RR3                     RR4

FRS5                    RR5


Press Enter for List File Rotation Schedule Menu.
```

5 Press the Enter key to return to the List of File Rotation Schedules screen.

6 Return to the File Rotation Schedule Menu by typing

> 2

and pressing the Enter key.

The OMUI displays the following screen:

7 Return to the OM Delivery Main Menu by typing

> 6

and pressing the Enter key.

8 You have completed the procedure.

Listing report element information

Use the list report element information option to display the names of report elements that are currently configured. For each report element, you can also display the following information:

- the reporting interval for a report element
- the names of report registrations using a report element
- the names of the OM groups in the report element
- the names and types of registers in each OM group in the report element

For more detailed information about OM report elements and their use within the OM Delivery application, refer to "Operational Measurements Delivery Overview" in the Basics section.

Listing report element information

At the OM Delivery Main Menu

1   Display the Report Element Main Menu by typing

> `> 1`

and pressing the Enter key.

The OMUI displays the following screen:

```
          Report Element Main Menu


1. List Report Elements
2. Add Report Element
3. Delete Report Element
4. Modify Report Element
5. Help
6. Return to Main Menu

Select Option >
```

2   Display a list of currently defined report elements from the Report Element Main Menu by typing

`> 1`

and pressing the Enter key.

The OMUI displays the following screen, which shows any currently defined report elements:

```
                List of Report Elements


Report Element name


RE1
RE2
RE3
RE4
TRK1


Enter a report element name for more detail
or press ENTER for Report Element Menu >
```

3   Refer to the following table to determine your next step.

If you	Do
want more details	step 4
do not want more details	step 10

4   Display detailed information for a specified report element by typing the report element name and pressing the Enter key.

The OMUI displays the following screen:

```
             Report Element Information
Report Element name > RE1

Reporting Interval:Interval

Used By Report Registration: RR1 TRK1

OM Groups: OMG1, OMG2, OMG3

Enter OM group name for more detail or press
Enter for List Report Elements Menu. >
```

5 Refer to the following table to determine your next step.

If you	Do
want more details	step 6
do not want more details	step 8

6 Display detailed information for a specified OM group by typing the name of the OM group and pressing the Enter key.

The OMUI displays the following screen:

```
                    OM Groups information

                      OM group: OMG1


Non-subtraction Registers:
    NSR1
Single Subtraction Registers:
    SSR1
Double Subtraction Registers:
    DSR1base
    DSR1ext


Enter OM group name for more detail
or press Enter for Report Element Information >
```

7 Refer to the following table to determine your next step.

If you	Do
want more details	step 6
do not want more details	step 8

8 Return to the List Report Elements Menu by pressing the Enter key.

9 Refer to the following table to determine your next step.

If you	Do
want more details	step 4
do not want more details	step 10

10 Return to the Report Element Main Menu by pressing the Enter key.

The OMUI displays the following Screen:

```
                  Report Element Main Menu
 List Report Elements

 2. Add Report Element
 3. Delete Report Element
 4. Modify Report Element
 5. Help
 6. Return to Main Menu

 Select Option >
```

11 Return to the OM Delivery Main Menu by typing

> **> 6**

and pressing the Enter key.

12 You have completed the procedure.

Listing report registrations

The list report registrations option displays the following information:

- File retention period: the number of days the report file is kept before being deleted.

- Report registration limit: the maximum number of report registrations allowed in the system.

- Report registration: a list of all report registrations which have been configured in the system.

- Report registration details: the associated report element, data collection schedule, and file rotation schedule for the report registration.

Use the following procedure to list report registrations that have been configured and to list detailed information for each report registration.

Listing report registrations

At the Om Delivery Main Menu

1   Access the File Report Registration Menu by typing

> 6

and pressing the Enter key.

The OMUI displays the following:

```
                    Report Registration

1. List Report Registration
2. Add Report Registration
3. Delete Report Registration
4. Help
5. Return to Main Menu

Select Option >
```

2 Display a list of current report registrations by typing

> **> 1**

and pressing the Enter key.

The OMUI displays the following screen, which shows any currently defined report registrations (three report registrations are defined here)

```
                List of Report Registration
File Retention Period: num
Report Registration Limit: num

Report Registration:

RR1
RR2
RR3

Enter a report registration name for more detail
or press Enter for Report Registration Menu. >
```

3 Refer to the following table to determine your next step.

If you	Do
want more details	step 4
do not want more details	step 7

4 Display detailed information for a specified report registration by typing the report registration name

and pressing the Enter key.

The OMUI displays the following screen:

```
                Report Registration Information

Report Registration: RR1
Report Element: RE1
Data Collection Schedule: DCS1
File Rotation Schedule: FRS1
File Transfer Schedule: FTS1

Press Enter for List Report Registration Menu.
```

5   Return to the List Report Registration Menu by pressing the Enter key.

6   Refer to the following table to determine your next step.

If you	Do
want more details	step 4
do not want more details	step 7

7   Return to the Report Element Main Menu by pressing the Enter key.

The OMUI displays the following screen:

```
                 Report Registration
1. List Report Registration
2. Add Report Registration
3. Delete Report Registration
4. Help
5. Return to Main Menu

Select Option >
```

8   Return to the OM Delivery Main Menu by typing

> 5

and pressing the Enter key.

9   You have completed the procedure.

Modifying a data collection schedule

Data collection schedules can be modified whether or not they are used by report registrations. If a data collection schedule is modified while being used by one or more report registrations, then all OM report files for those affected report registrations are closed and rotated. New report files are opened based on the newly modified data collection schedule.

The following information is required to modify a data collection schedule:

- Data collection schedule name: the name of data collection schedule to be modified.

- Repetition: the schedule for the data collection is performed regularly. The repetition can be daily, weekly, or monthly. You must also specify the start and stop times. You cannot specify a start time of 2400, but you can specify a stop time of 0000 or 2400. The start time must always be less than the stop time unless the stop time is 0000.

Refer to Adding a file rotation schedule for information about data collection schedule variables. Refer to Adding a file rotation schedule for information about each data collection repetition type.

Use the following procedure to modify a data collection schedule.

Modifying a data collection schedule

At the OM Delivery Main Menu

1   Access the Data Collection Schedule Menu by typing

> **> 2**

and pressing the Enter key.

The OMUI displays the following screen:

```
                  Data Collection Schedule


    1. List Data Collection Schedule
    2. Add Data Collection Schedule
    3. Delete Data Collection Schedule
    4. Modify Data Collection Schedule
    5. Help
    6. Return to Main Menu

    Select Option >
```

2   Modify a data collection schedule by typing

`> 4`

and pressing the Enter key.

The OMUI displays the following screen:

```
          Modify Data Collection Schedule

Type "EXIT" to return to previous menu

Data Collection Schedule name >
```

> *Note:* If you do not know the data collection schedule name (DCS name) that you have chosen to delete, use the Listing data collection schedules option to review the list of the currently defined data collection schedules.

3   Enter the name of the data collection schedule you want to modify.

The OMUI displays the following screen:

```
Repetition (1 = DAILY, 2 = WEEKLY, 3 = MONTHLY) >
```

4   Refer to the following table to determine your next step.

If you want	Do
to add a data collection schedule with a daily repetition rate (schedule collections once each day)	step 5
to add a data collection schedule with a weekly repetition rate (schedule collections once each week)	step 7
to add a data collection schedule with a monthly repetition rate (schedule collections once each month)	step 10

5   Change a data collection schedule to a weekly interval by typing

`> 1`

and pressing the Enter key.

The OMUI responds with the following screen:

```
Start time (HHMM) >
```

6   Skip to step <u>12</u>.

7   Change a data collection schedule to a weekly interval by typing

> `>  2`

and pressing the Enter key.

The OMUI responds with the following scree:

```
Day of Week (1 = Monday, 2 = Tuesday, ..., 7 = Sunday)>
```

8   Enter the number for the day of the week that you want for data collection to take place.

To specify multiple days of the week to collect data, separate days with a comma. For example, to collect on Monday and Wednesday, type 1,3.

9   Skip to step <u>12</u>.

10   Change a data collection schedule to a monthly interval by typing

> `>  3`

and pressing the Enter key.

The OMUI responds with the following screen:

```
Day of Month (1-31) >
```

11   Enter the number for the day or days of the month to collect data.

To specify multiple days of the month to0 collect data, separate days with a comma. For example, to collect on the third and 23rd, type 2,23.

The OMUI responds with the following screen:

```
Start time (HHMM) >
```

12   Enter the time of day to start collecting data.

The OMUI responds with the following screen:

```
Stop time (HHMM) >
```

13   Enter the time of day to stop collecting data.

The OMUI responds with the following screen:

```
Modify Data Collection Schedule (Y/N) ?
```

14   Confirm that you want to modify the data collection schedule by typing

> **y**

and pressing the Enter key.

The OMUI responds with the following screen:

```
Please wait...
dcsname: The request was successful.
Press Enter for Data Collection Schedule Menu.
```

15   Press the Enter key to return to the File Rotation Schedule Menu.

The OMUI displays the following screen:

```
              Data Collection Schedule


1. List Data Collection Schedule
2. Add Data Collection Schedule
3. Delete Data Collection Schedule
4. Modify Data Collection Schedule
5. Help
6. Return to Main Menu

Select Option >
```

16   Return to the OM Delivery Main Menu by typing

> **6**

and pressing the Enter key.

17   You have completed the procedure.

Modifying a file rotation schedule

You can modify file rotation schedules whether or not they are used by report registrations. If you modify a file rotation schedule that is used by one or more report registrations, all report files for the report registrations using this file rotation schedule are closed and rotated. A new report file is opened for the same report registration with a modified file rotation schedule when a scheduled data collection period for that report registration begins.

To modify a file rotation schedule you need the following information:

- File rotation schedule: the name of the file rotation schedule to be deleted

- Repetition: the schedule of a file rotation that is to be repeatedly performed. Refer to <u>Adding a file rotation schedule</u> for more information.

Use the following procedure to modify a file rotation schedule.

Modifying a file rotation schedule

At the OM Delivery Main Menu

1   Access the File Rotation Schedule Menu by typing

> **3**

and pressing the Enter key.

The OMUI displays the following screen:

```
          File Rotation Schedule

1. List File Rotation Schedules
2. Add File Rotation Schedule
3. Delete File Rotation Schedule
4. Modify File Rotation Schedule
5. Help
6. Return to Main Menu

Select Option >
```

2   Modify a file rotation schedule by typing

> **> 4**

and pressing the Enter key.

The OMUI displays the following screen:

```
                Modify File Rotation Schedule

Type "EXIT" to return to previous menu

File Rotation Schedule name >
```

> ***Note:*** If you do not know the file rotation schedule name
> (FRS name) that you have chosen to modify, use the "List File
> Rotation Schedule" option to review the list of currently
> defined file rotation schedules.

3   Enter the name of the file rotation schedule that you want to
modify.

The OMUI displays the following:

```
Repetition (1=DAILY,2=WEEKLY, 3=MONTHLY, 4=REPORTS,
 5=HOURS)
```

4   Refer to the following table to determine your next step.

If you	Do
you change a file rotation schedule to a daily repetition rate (schedule rotation once a day)	step 5
you change a file rotation schedule to a weekly repetition rate (schedule rotation once a week)	step 8
you change a file rotation schedule to a monthly repetition rate (schedule rotation on the same day each month)	step 12
you change a file rotation schedule to schedule rotation based on the number of reports collected	step 16
you change a file rotation schedule to have a repetition based on hours (schedule rotation after a specified number of hours have elapsed)	step 19

5   Change the file rotation schedule to a daily interval by typing

```
> 1
```

and pressing the Enter key.

The OMUI responds with the following screen:

```
Rotation time (HHMM) >
```

6   Enter the time of day to close and rotate the report file.

7   Skip to Step 21.

8   Change the file rotation schedule to a weekly interval by typing

`> 2`

and pressing the Enter key.

The OMUI responds with the following screen:

`Day of Week (1=Monday,2=Tuesday, ..., 7=Sunday) >`

9   Enter the number for the day of the week that the report file is closed and rotated.

The OMUI responds with the following screen:

`Rotation time (HHMM) >`

10   Enter the time of day to close and rotate the report file.

11   Skip to step 21.

12   Change the file rotation schedule to a monthly interval by typing

`> 3`

and pressing the Enter key.

The OMUI responds with the following screen:

`Day of Month (1-28, 0 is the last day of month) >`

13   Enter the number for the day of the month to rotate the file.

The OMUI responds with the following screen:

`Rotation time (HHMM) >`

14   Enter the time of day to close and rotate the report file.

15   Skip to step 21.

16   Change the file rotation schedule to one based on the number of reports collected by typing

`> 4`

and pressing the Enter key.

The OMUI responds with the following screen:

`Number of Reports >`

17

> ⚠ **CAUTION**
> **Possible loss of service and data**
> Selecting a large number of reports can exhaust available file system space, resulting in lost OM data and possible loss of service. If you collect a high volume of OM reports each day, it is recommended that you reduce your file retention period for closedSent files to one day.

Enter the maximum number of reports to collect before file rotation initiates (between 1 and 4032).

18   Skip to step 21.

19   Change the file rotation schedule to one that schedules file rotation after a specified amount of time has elapsed by typing

```
> 5
```

and pressing the Enter key.

The OMUI responds with the following screen:

```
Number of Hours >
```

20

> ⚠ **CAUTION**
> **Possible loss of service and data**
> Selecting a large number of hours can exhaust available file system space, resulting in lost OM data and possible loss of service. It is recommended that you select a number of hours smaller than 25. As an alternative, use the daily file rotation if you wish to record data for more than 24 hours.

Enter the number of hours that must elapse before the open report file is closed and rotated (between 1 and 999).

21   *The OMUI responds with the following screen:*

```
Modify File rotation schedule(Y/N)?

Modify File rotation schedule(Y/N)?
```

22   Confirm that you want to add the file rotation schedule by typing

> **y**

and pressing the Enter key.

The OMUI responds with the following screen:

```
Please wait...
frsname: The request was successful.
Press Enter for File Rotation Schedule Menu.
```

23   Press Enter to return to the File Rotation Schedule Menu.

The OMUI displays the following screen:

```
            File Rotation Schedule

1. List File Rotation Schedules
2. Add File Rotation Schedule
3. Delete File Rotation Schedule
4. Modify File Rotation Schedule
5. Help
6. Return to Main Menu

Select Option >
```

24   Return to the OM Delivery Main Menu by typing

> **6**

and pressing the Enter key.

25   You have completed the procedure.

Modifying a file transfer designating

You can modify the following file transfer destination information:

- the IP address of the destination system
- the FTP port address defined for the IP address on the destination system
- the remote login ID used to access the destination system
- the password for the remote login ID

Note: If you have chosen to change the name of the file transfer destination, use the Adding a file transfer destination procedure first to create a new file transfer destination using that destination name. Then, delete the old file transfer destination.

Use the following procedure to modify a file transfer destination.

Modifying a file transfer destination

At the OMUI Main Menu

1   Perform the procedure Listing a file transfer destination to review and record information about the particular file transfer destination you have chosen to modify. This allows the default values for that file transfer destination to be available.

2   Access the File Transfer Destination Main Menu by typing

> 4

and pressing the Enter key.

Response:

```
          File Transfer Destination

1. List File Transfer Destinations
2. Add File Transfer Destination
3. Delete File Transfer Destination
4. Modify File Transfer Destination
5. Help
6. Return to Main Menu

Select Option >
```

3   Select Modify File Transfer Destination by typing

>4

and pressing the Enter key.

The OMUI responds with the following screen:

```
        Modify File Transfer Destination

Type "EXIT" to return to previous menu

File Transfer Destination name >
```

4   Enter the name of the file transfer destination you want to modify.

The OMUI responds with the following screen:

```
Destination IP Address [xxx.xxx.xxx.xxx] >
```

5   Refer to the following table to determine your next step.

If you	DoDo
want to change the IP address	step 6
you do not want to change the IP address	press Enter to accept the default, and skip to step 7

6   Enter the new IP address for the file transfer destination (the computer you have chosen to send the files to).

The OMUI responds with the following screen:

```
Destination Port:
```

7   Refer to the following table to determine your next step.

If you	Do
want to change the destination port	step 8
do not want to change the destination port	press Enter to accept the default, and skip to step 9

8   Enter the new destination port number assigned for use with the IP address you entered in step 4.

The OMUI responds with the following screen:

```
Destination Login:
```

9   Refer to the following table to determine your next step.

If you	Do
want to change the destination login ID	step 10
do not want to change the destination login ID	press Enter to accept the default, and skip to step 11

10   Enter the new destination login ID you use to log onto the file transfer destination system receiving the OM files.

The OMUI responds with the following screen:

```
Destination Password:
```

11   Refer to the following table to determine your next step.

If you	Do
want to change the destination password	step 12
do not want to change the destination password	press Enter to accept the default, and go to step 13

12   Enter the new password for the login ID by typing

The OMUI responds with the following screen:

```
Modify file transfer destination (Y/N) ?
```

13   Review the information you entered or changed and refer to the following table to determine your next step.

If	Do
the information you changed for the file transfer destination is correct	continue with step 14
the information you changed for the file transfer destination is not correct	type n and press Enter and return to step 3

14 Confirm that you want to make the modifications to the file transfer destination entry by typing

> **y**

and pressing the Enter key.

The OMUI responds with the following screen:

```
Please wait...
ftdname: The request was successful.
Press Enter for File Transfer Destination
Menu.
```

15 Press the Enter key to return to the File Transfer Destination Menu.

The OMUI responds with the following screen:

```
        File Transfer Destination

1. List File Transfer Destination
2. Add File Transfer Destination
3. Delete File Transfer Destination
4. Modify File Transfer Destination
5. Help
6. Return to Main Menu

Select Option >
```

16 Return to the OM Delivery Main Menu by typing

> **6**

and pressing the Enter key.

17 You have completed the procedure.

Modifying a file transfer schedule

You can modify the following file transfer schedule information:

- Repetition: the schedule frequency you have chosen to transfer OM files to.
- File transfer destination system: specifies the name of the file transfer destination system.
- Destination directory path: specifies the destination directory path on the file transfer destination system.

Use the following procedure to modify a file transfer schedule.

Modifying a file transfer schedule

At the OMUI Main Menu

1 Perform the procedure to list the contents of the file transfer schedule and to review and record information about the particular file transfer schedule you have chosen to modify. This allows the default values for that file transfer schedule to be available.

2 Access the File Transfer Schedule Main Menu by typing.

> **> 5**

Response:

```
        File Transfer Schedule Menu

1. List File Transfer Schedule
2. Add File Transfer Schedule
3. Delete File Transfer Schedule
4. Modify File Transfer Schedule
5. Help
6. Return to Main Menu

Select Option >
```

3   Select Modify File Transfer Schedule by typing

```
> 4
```

and pressing the Enter key.

The OMUI responds with the following screen:

```
         Modify File Transfer Schedule

Type "EXIT" to return to previous menu


File Transfer Schedule name >
```

> ***Note:*** If you do not know the file transfer schedule name (FTS
> name) you need to modify, use the Listing a file transfer
> schedule procedure to review the list of currently defined file
> transfer schedules.

4   Enter the name of the file transfer schedule you want to modify.

The OMUI responds with the following screen:

```
Repetition (1=DAILY, 2=WEEKLY, 3=MONTHLY,
4=AFTER ROTATE)>
```

5   Refer to the following table to determine your next step.

If you	Do
want to change a file transfer schedule to transfer files immediately after file rotation	continue with steps 6 and 7
want to change a file transfer schedule to a monthly repetition rate (transfer files on the same day each month)	skip to steps 8 through 10
want to change a file transfer schedule to a weekly repetition rate (transfer files on the same day each month)	skip to steps 11 through 13
want to change a file transfer schedule to a daily repetition rate (transfer files once a day)	skip to step 14

6   Change a file transfer schedule to transfer OM files immediately after they are closed and rotated by typing

```
> 4
```

and pressing the Enter key.

The OMUI responds with the following screen:

```
File Transfer Destination name ("quit" to exit) >
```

7   Skip to step 16.

8   Change a file transfer schedule to a monthly repetition rate by typing

```
> 3
```

and pressing the Enter key.

The OMUI responds with the following screen:

```
Day of Month (1-28, 0 is the last day of month) >
```

9   Enter the number for the day of the month to rotate the OM file.

For example, one is for the first day of the month and two is for the second day of the month.

> *Note:* Use 0 for the last day of the month.

The OMUI responds with the following screen:

```
Time of Day (HHMM) >
```

10   Skip to step 15.

11   Change a file transfer schedule to a weekly repetition rate by typing

```
> 2
```

and pressing the Enter key.

The OMUI responds with the following screen:

```
Day of Week (1=Monday, 2=Tuesday, ... 7=Sunday) >
```

12   Enter the number for the day of the week to rotate the OM file.

The OMUI responds with the following screen:

```
Time of Day (HHMM) >
```

13   Skip to step 15.

14 Change a file transfer schedule to a daily repetition rate by typing

```
> 1
```

and pressing the Enter key

The OMUI displays the following:

```
Time of Day (HHMM) >
```

15 Enter the time of day to transfer the file.

The OMUI responds with the following screen:

```
File Transfer Destination name ("quit" to exit) >
```

16 Enter the name of a file transfer destination.

> *Note:* Ensure you have created a file transfer destination using the same FTD name you are using in this step. Failure to do so prevents you from creating the file transfer schedule.

The OMUI responds with the following screen:

```
Destination Dir >
```

17 Enter the path of the destination directory where you want the OM files to be transferred to.

The format for the destination is often displayed as /destdir/destsubdir.

> *Note:* If you are uncertain as to the correct destination directory or path on a specific machine, contact your site system administrator for assistance.

The OMUI responds with the following screen:

```
File Transfer Destination name ("quit" to exit) >
```

18 A single file transfer schedule can be set up to transfer OM files to as many as 16 destinations at once. Refer to the following table to determine your next step.

If you	Do
want to add other machines to this daily transfer schedule	step 16
do not want to add other machines to this transfer schedule	step 19

19   Complete this file transfer schedule by typing

     > `quit`

     and pressing the Enter key.

     The OMUI responds with the following screen:

```
Modify file transfer destination (Y/N) ?
```

20   Confirm that want to make the modifications to the file transfer schedule entry by typing

     > `y`

     and pressing the Enter key.

     The OMUI responds with the following screen:

```
Please wait...
ftsname: The request was successful.
Press Enter for File Transfer Schedule Menu.
```

21   Press Enter to return to the File Transfer Schedule Menu.

     The OMUI displays the following screen:

```
                 File Transfer Schedule Menu
1. List File Transfer Schedule
2. Add File Transfer Schedule
3. Delete File Transfer Schedule
4. Modify File Transfer Schedule
5. Help
6. Return to Main Menu

Select Option >
```

22   Return to the OM Delivery Main Menu by typing

     > `6`

     and pressing the Enter key.

23   You have completed the procedure.

Modifying OM groups in a report element

To modify operational measurements (OM) groups in a report element, you need the information in the following table.

Component	Description
Report element name	Name of the report element of the OM groups being modified
OM group name	Name of an OM group being modified in the report element
Register	The reporting interval is an office transfer period. The interval is 5 min. for the following registers: • non-subtraction • single subtraction • double subtraction (base and extended) For more information, refer to *"Operational Measurements Delivery Overview"* in the Basics section.

Use the following procedure to modify OM groups in a report element.

Modifying OM groups in a report element

At the OM Delivery Main Menu

1   Display the Report Element Main Menu by typing

> **> 1**

and pressing the Enter key.

OMUI response:

```
              Report Element Main Menu

   1. List Report Elements
   2. Add Report Element
   3. Delete Report Element
   4. Modify Report Element
   5. Help
   6. Return to Main Menu

   Select Option >
```

2   Use the Modify Report Element option by typing

> **4**

and pressing the Enter key.

OMUI response:

```
          Modify Report Element Menu

1. Add OM groups to a Report Element
2. Delete OM groups from a Report Element
3. Modify OM groups in a Report Element
4. Help
5. Exit to Report Element Menu

Select Option >
```

3   Access the Modify OM Groups in a Report Element Menu by typing

> **3**

and pressing the Enter key.

OMUI response:

```
      Modify OM Groups in a Report Element Menu

1. Add Register(s) to OM groups in a Report Element
2. Delete Register(s) from OM groups in a Report Element
4. Help
5. Return to Modify Report Element Menu

Select Option >
```

4   You have completed this procedure.

Setting the file retention period

OM report files that have been sent to a downstream location are located in the /omdata/closedSent directory. They are deleted regularly at an interval based on the file retention period you defined in the OMUI. You can set the interval from 1 to 14 days. When the OMD application is installed, the default interval is set to 7 days. Before you set the new interval, the OMUI displays the current report registration limit.

Use the following procedure to set the file retention period.

Setting the file retention period

At the OM Delivery Main Menu

1   Set the file retention period by typing

```
> 7
```

and pressing the Enter key.

The OMUI displays the following screen:

```
                  Set File Retention Period
Current File Retention Period: 7. days
New File Retention Period (Max 14 days) >
```

2   Enter the number of days (between 1 and 14) you want to retain OM report files in the /omdata/closedSent directory.

This represents the number of days you want to store a closed OM report file on the CS 2000 Core Manager after it has been copied to a downstream location.

The OMUI displays the following screen:

```
Are you sure (Y/N)?
```

3   Confirm that you want to change the file retention period by typing

```
> Y
```

and pressing the Enter key.

The OMUI responds with the following screen:

```
Please wait...
The file retention period was successfully
changed to 10.

Press Enter for Main Menu.
```

4   Press the Enter key to return to the OM Delivery Main Menu.

5   You have completed the procedure.

Setting the report registration limit

The report registration limit is the maximum number of report registrations that you can set up on a single CS 2000 Core Manager. The maximum number of report registrations can be set between 1 and 32, with 32 being the default value. However, a large number of report registrations can affect the performance of the CS 2000 Core Manager.

Use the following procedure to set the report registration limit.

Setting the report registration limit

At the OM Delivery Main Menu

1   Set the report registration limit by typing

```
> 8
```

and pressing the Enter key.

The OMUI displays the following screen:

```
Set Report Registration Limit
Current Report Registration Limit (Max 32 report
registrations: 32)

New Report Registration Limit >
```

2   Enter the maximum number of report registrations (between 1 and 32) you have chosen to allow on this CS 2000 Core Manager.

The OMUI displays the following screen:

```
Are you sure (Y/N)?
```

3   Confirm that you want to change the maximum number of report registrations by typing

```
> y
```

and pressing the Enter key.

The OMUI displays the following screen:

```
Please wait...
The file report registration limit was successfully
changed to 20.

Press Enter for Main Menu.
```

4   Press the Enter key to return to the OM Delivery Main Menu.

5 You have completed the procedure.

Quitting the OMUI

Use the following procedure to exit the OMUI to return to the CS 2000 Core Manager root or maint user prompt.

Quitting the OMUI

At the UNIX workstation UNIX or VT-100 terminal:

1   Exit the OMUI by typing

```
> 10
```

and pressing the Enter key.

The OMUI displays the following screen:

```
Are you sure [Y/N] ?
```

2   Confirm that you have chosen to quit the OMUI by typing

```
> y
```

and pressing the Enter key.

> *Note:* The OMUI returns you to the CS 2000 Core Manager root user prompt.

3   You have completed the procedure.