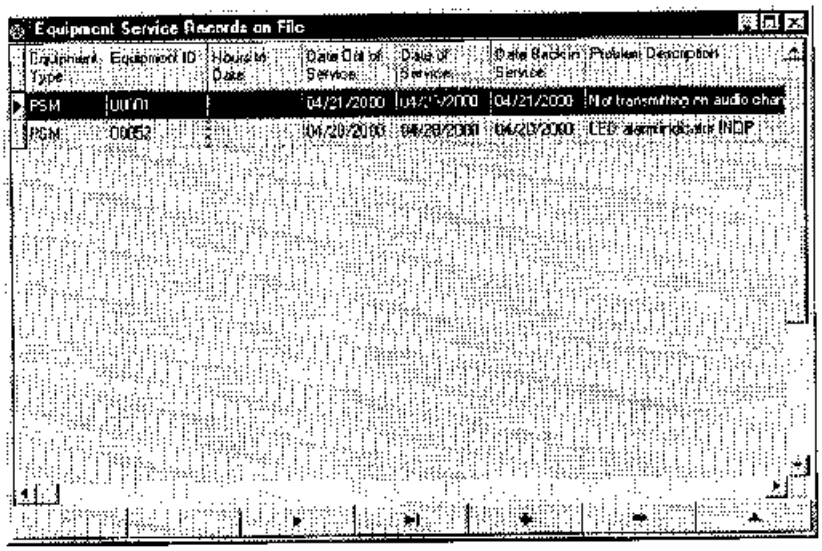
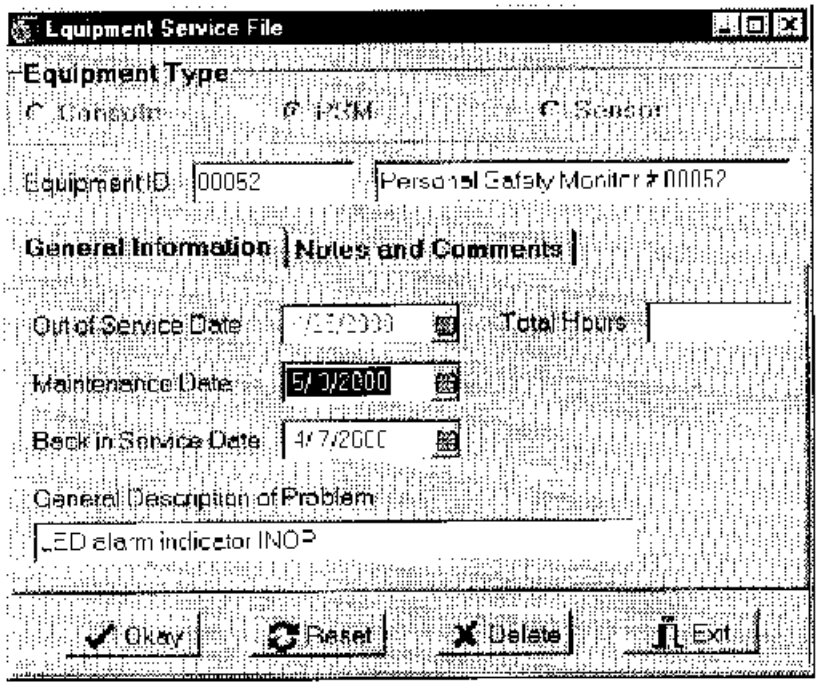


The Service Records on File grid

System>Equipment Service>Service Records on File grid>Equipment Service File screen

The Equipment Service File provides for the entry, maintenance, and review of information regarding the repair of Life•line system equipment.

The top panel of the screen contains fields that identify and describe the piece of equipment whose service file is currently being edited or reviewed.



Equipment Service File screen

FIELD	DESCRIPTION
Equipment Type: Console	Signifies that the type of equipment serviced is a Life•line monitoring console. Once selected, the Equipment ID and Description fields will automatically reflect the selected Console ID and its Description.
Equipment Type: PSM	Signifies that the type of equipment serviced is a Life•line PSM. Once selected, the Equipment ID field will reference and validate against the Monitors file.
Equipment Type: Sensor	Signifies that the type of equipment serviced is a sensor. Once selected, the Equipment ID field will reference and validate against the Sensors file.
Equipment ID/ Description	The actual equipment being serviced: the monitoring console, PSM, or sensor.

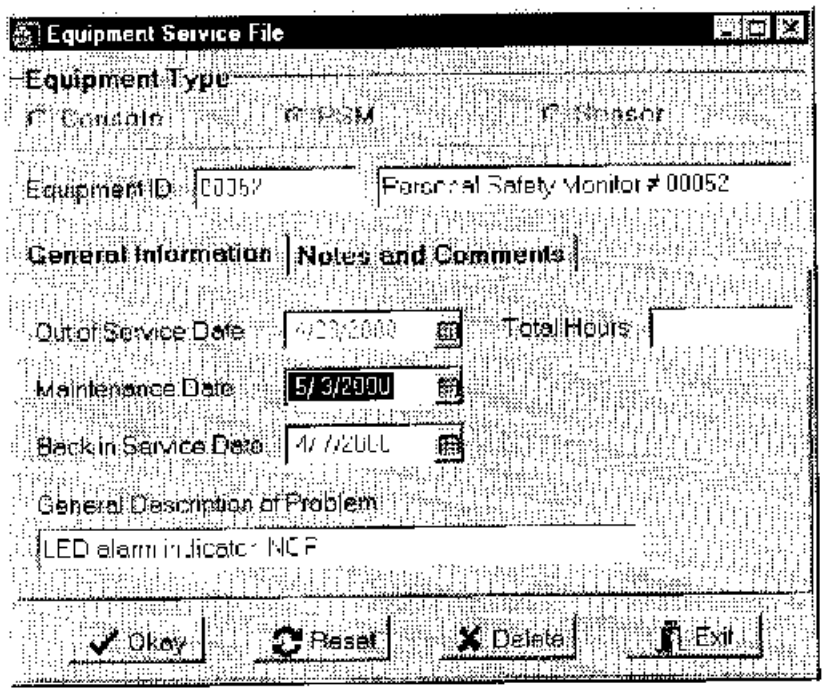
FIELD	DESCRIPTION
Console ID/Description	The console being serviced or the console to which the monitor being serviced belongs. Identifying the monitoring console provides for simplified selection of the PSM being serviced, if applicable, by allowing the entry of only the ID number instead of the full ID code. NOTE: If only one console is defined or connected, the Console ID field will be disabled and automatically filled with that one console. Also, if the Equipment Type selected is Sensor, the Console ID field will be disabled and both the Console ID and Description fields will be blank, since sensors do not have to be associated with specific consoles.

The bottom panel of the Equipment Service File screen consists of two tabbed pages:

- General Information
- Notes and Comments.

System>Equipment Service>Equipment Service grid>Equipment Service Records file>General Information

General Information covers the dates of the equipment was taken out of service, maintained, and returned to service, as well as provides for a general description of the problem.



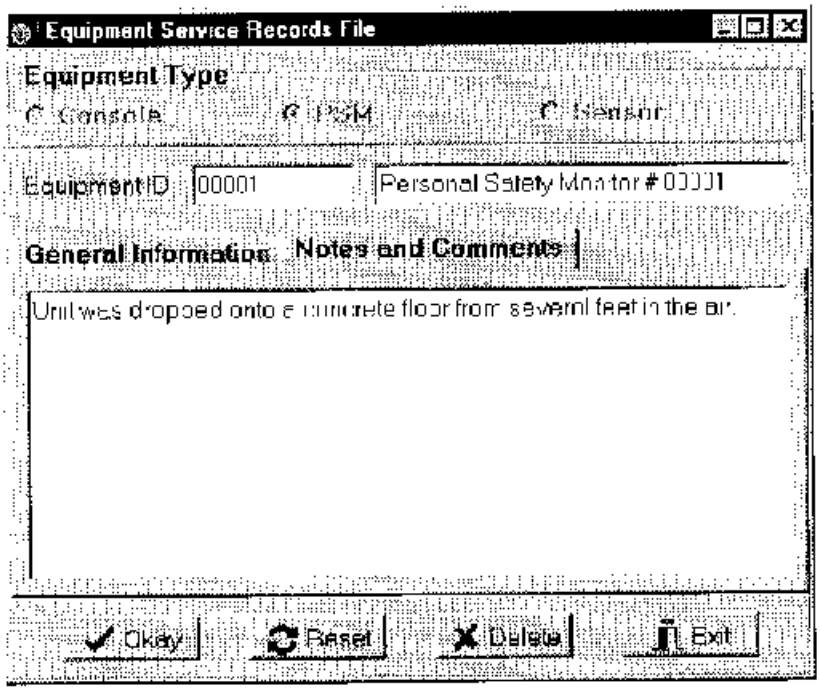
The General Information page of the Equipment Service File

FIELD	DESCRIPTION
Out of Service Date	The date the equipment is taken off-line for maintenance or upgrades by manufacturer-authorized personnel or vendor. Equipment taken out of service cannot be logged in for Life•line service until a Back in Service Date has been entered.
Maintenance Date	The date the equipment maintenance or upgrade is completed.
Back in Service Date	The date the equipment is made available again for normal use within the Life•line system. A Back in Service Date must be entered before equipment can once again be logged in the Life•line system for usage.
Total Hours	The number of hours and minutes the equipment has been in use since it was First Delivered (specified in the equipment's usage file, no user access) up to the time of required maintenance. This field is automatically filled in by the system, and is stored for reference and reporting purposes.

FIELD	DESCRIPTION
General Description of Problem	A free-form entry specifying the nature of the problem requiring service and/or the general reason for the upgrade performed.

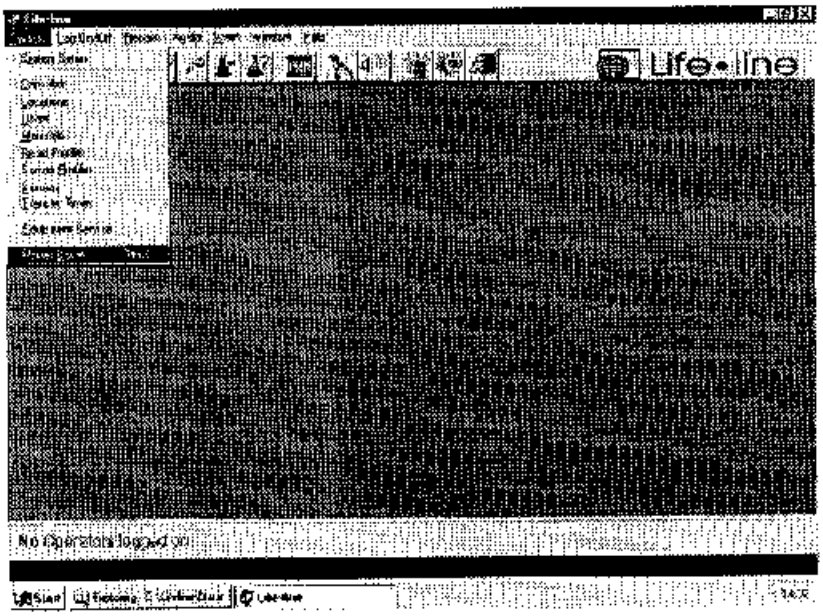
System>Equipment Service>Equipment Service grid>Equipment Service Records file>Notes and Comments

Notes and Comments are free-form notations of any pertinent information concerning the problem with the equipment or when it's expected to be returned to service.



The Notes and Comments page of the Equipment Service File

Selecting Power Down



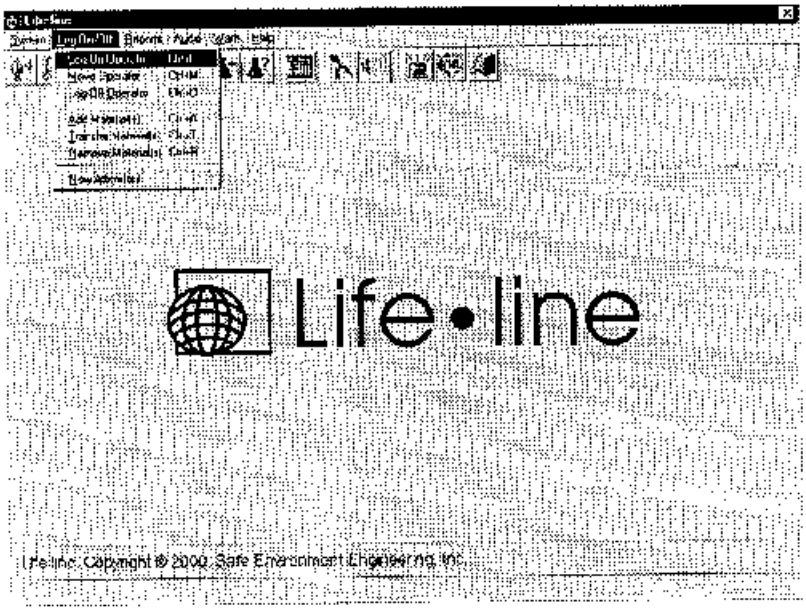
Navigating to the Power Down option

The Power Down selection on the System menu is the primary method of shutting down the Life•line system.

Life•line cannot be powered down unless and until all operators have been logged off and all outstanding alarms have been resolved.

Upon shutdown, the currently active attendant is logged out and the Consoles file is updated for the number of hours the monitoring console was used.

Logging On/Logging Off

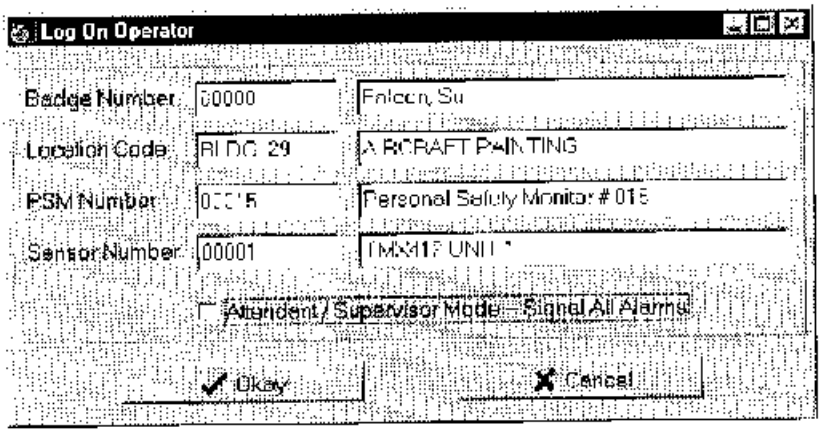


Navigating to the Log On/Off menus

Log On/Off>Log On Operator

The Log On Operator screen is used to log on any user listed in the Users on File screen (see System>Users>Users on File grid>Users File screen, page 4-26). The Log On Operator screen allows a User to be put into Attendant/Supervisor Mode for the purpose of signaling that individual's PSM of any console alarms.

If Sensors have previously been entered into the Life•line system, they are logged in through this screen, for use with a specific operator and PSM.



The Log On Operator screen

FIELD	DESCRIPTION
Badge Number/Name	The user logging on to Life•line as a PSM operator. Only users qualified as operators, supervisors or attendants may log on a PSM, and no user may log on more than once.
Location Code/ Description	The specific location the user is logging in to as a PSM operator. Only locations associated with the selected monitoring console and accessible by the specified user (by virtue of training level and access codes) may be logged in to. (See Locations>Locations on File grid>Locations File screen, page 4-21)
PSM NUMBER	The PSM the specified user will operate within the selected location. The PSM must belong to the log-in console, or have a frequency compatible with the log-in console if it belongs to another console. No PSM can be logged on more than once, and PSMs with outstanding service records (i.e., no Back in Service Date) may not be logged on. (See Configuring Equipment Service Logs, page 4-44)
Sensor ID Code/ Description	The sensor logged on with the PSM for use by the operator within the selected location. The sensor can most easily be selected by entering the Sensor ID Number. Sensors with incomplete service records (i.e., no Back In Service Date) may not be logged on. (See Configuring Equipment Service Logs, page 4-44) NOTE: Certain locations may require sensors. (See Locations>Locations on File grid>Locations File screen, page 4-21)

FIELD	DESCRIPTION
Attendant/Supervisor Mode - Signal All Alarms	Signifies that the PSM will be logged on with the added capability of signaling its operator whenever any alarm is active at the monitoring console. This special operating mode is only available to users qualified as supervisors or attendants. (See System>Users>Users on File grid>Users File screen, page 4-26)

Once the log on process is complete, all standard Life•line features (query, alarms, audio & warnings) are available and in force to ensure the safety of the operator.

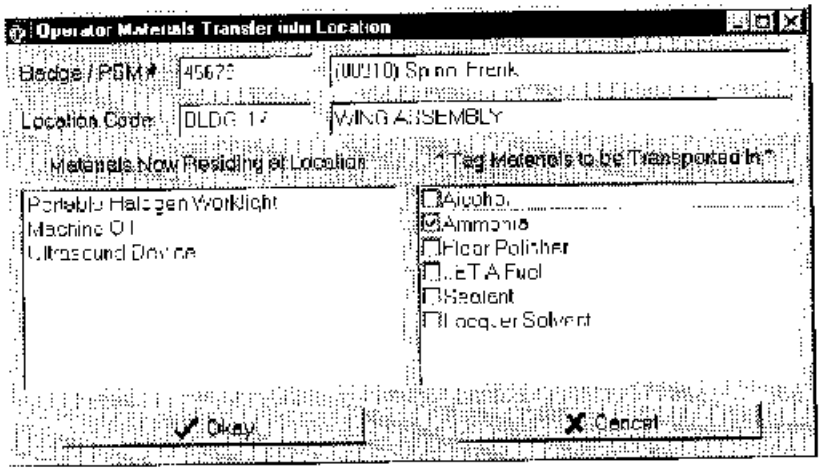
Log On/Off>Log On Operator>Operator Materials Transfer into Location

Upon entering a Location code in the Log On Operators screen, the Operator Materials Transfer into Location screen will appear, provided:

- The Materials box has been checked in the System Setup Configuration tab page
- Materials have previously been entered into Materials File

(See System>System Setup>Configuration, page 4-2)

(See System>Materials>Materials on File grid>Materials File screen, page 4-32)



Operator Materials Transfer into Location sub-screen

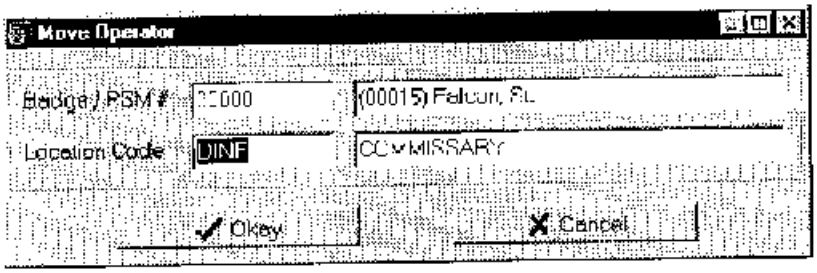
This screen prompts the attendant to specify which, if any, materials an operator will be transferring into the location, and which, if any, of those materials are currently in use at the location.

Materials to be transported into the location are selected by clicking on their individual check box, then clicking the Okay button. If no materials are to be carried in, click the Cancel button.

This returns you to the Log On Operators screen to finish the log on process.

Log On/Off>Move Operator

The Move Operator screen allows PSM operators to be relocated from one location into any other covered by an active monitoring console with a compatible frequency.



Move Operator screen

FIELD	DESCRIPTION
Badge/PSM#/Name	The PSM operator logged on to the Life•line system who is to be relocated.
Location Code/ Description	The specific location to which the operator is relocating. Operators may only be moved to locations under jurisdiction of their monitoring console, or to locations using a frequency compatible with their PSM. In addition, operators may only be moved to locations accessible to them by virtue of the training level required for entering, as well as access codes granted to operators to enter certain areas. (See System>Users>Users on File grid>Users File screen>General Information, page 4-28) In addition, certain locations may require that the relocating operator have a sensor attached to their PSM. (See Locations>Locations on File grid>Locations File screen>General Information, page 4-23)

Once moved, the operator's PSM will automatically be polled in the new location by the appropriate monitoring console.

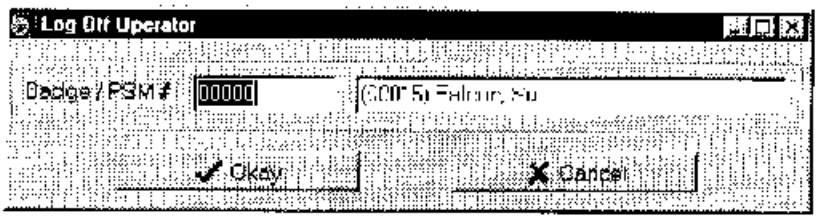
NOTE: If material tracking is enabled and the operator is transporting materials, those materials will automatically be tracked to the new

location. However, if the materials under transport are hazardous and the new location does not allow hazardous materials, the relocation will not be permitted.

Log On/Off>Log Off Operator

The Log Off Operator screen allows an attendant to terminate polling of an operator's PSM (e.g., at the end of the user's work shift when safety monitoring is no longer necessary).

The PSM and sensor (if attached) should be returned to the monitoring console to which they belong for battery recharging.



Log Off Operator screen

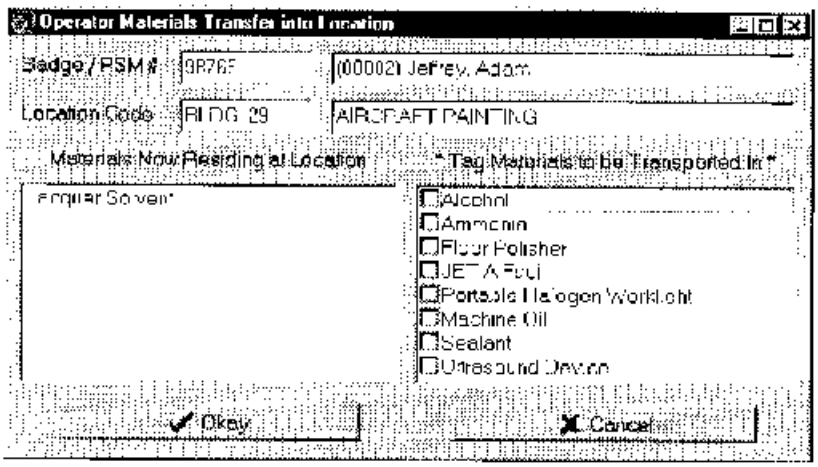
FIELD	DESCRIPTION
Badge/PSM #/Name	The user currently logged on to Life•line as a PSM operator who is to be logged off.

Press the Okay button to complete the relocation process, or press the Cancel button to exit.

NOTE: If material tracking is enabled and materials are being transported by the operator, those materials will automatically be tracked and recorded as having been removed from the operator's last location.

Log On/Off>Add Materials

The Add Materials menu option provides for the tracking of materials to be transported into locations by PSM operators, via the Operator Materials Transfer into Location screen.



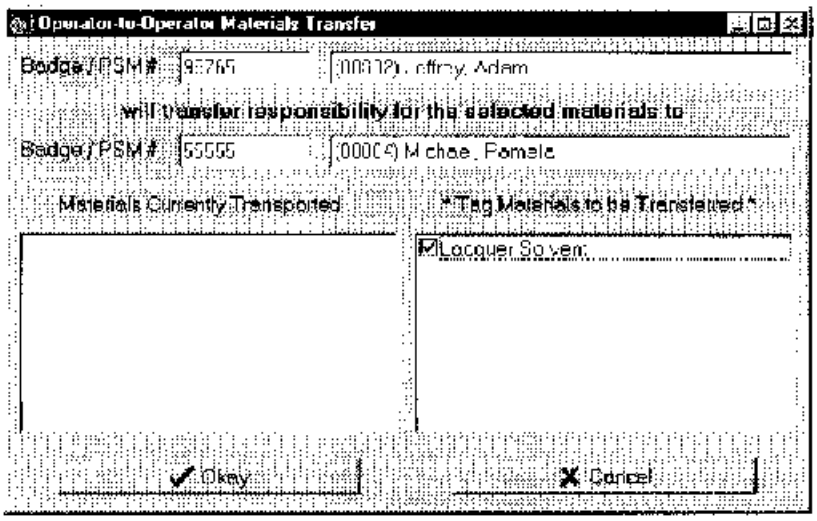
Operator Materials Transfer into Location screen

FIELD	DESCRIPTION
Badge/PSM #/Name	The user logged on as a PSM operator who is transporting the materials.
Location Code/ Description	The location to which the operator is transporting materials (assumed by the Life•line system to be the location to which the operator is currently logged in).
Materials Now Residing at Location	The description of materials already transported to the location by operators currently active in that location.
Tag Materials to be Transported In	The description of all available (i.e., entered) materials that can be transported in to the location. Materials identified as hazardous may not appear if the specified location does not allow hazardous materials. (See Locations>Locations on File grid>Locations File screen, page 4-21, and System>Materials>Materials on File grid>Materials File screen, page 4-32) Materials "tagged" by checking the box to the left of the description will be tracked and recorded as transported into the location by the operator.

Log On/Off>Transfer Materials

The Transfer Materials screen provides for the transfer of responsibility for materials that have been transported to a specific location from one operator to another.

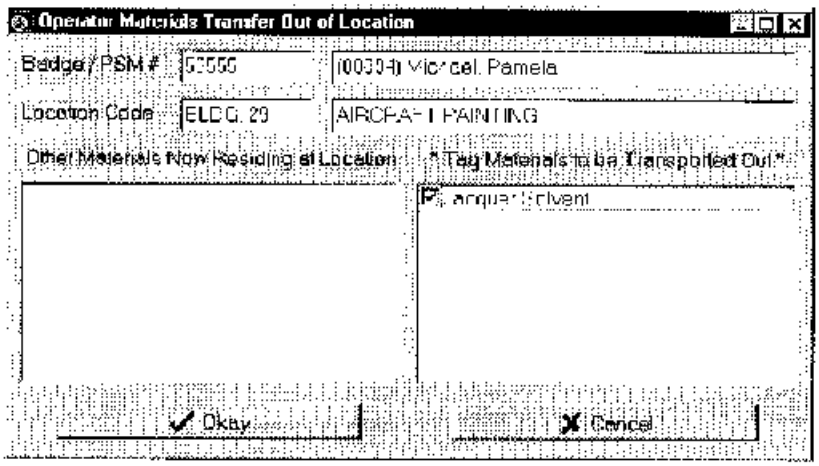
FIELD	DESCRIPTION
Badge/PSM# (top field)	The user logged on as a PSM operator who is currently responsible for the transported materials. Once the transferring operator has been identified, the Tag Materials to be Transferred check list will be displayed.
Badge/PSM# (bottom field)	The user logged on as a PSM operator who is taking responsibility for the transported materials. Both operators must reside in the same location in order for the transfer to occur. Once the receiving operator has been identified, the Materials Currently Transported list will be displayed.
Materials Currently Transported	The description of all materials transported to and currently under the control of the second operator.
Tag Materials to be Transferred check list	The description of all materials transported by the first operator that can be transferred to the second. Any materials "tagged" by checking the box to the left of the description will be tracked as the responsibility of the second operator.



Operator-to-Operator Materials Transfer screen

Log On/Off>Remove Material(s)

The Operator Materials Transfer Out of Location screen provides for the tracking of materials transported by PSM operators out of locations.



Operator Materials Transfer Out of Location screen

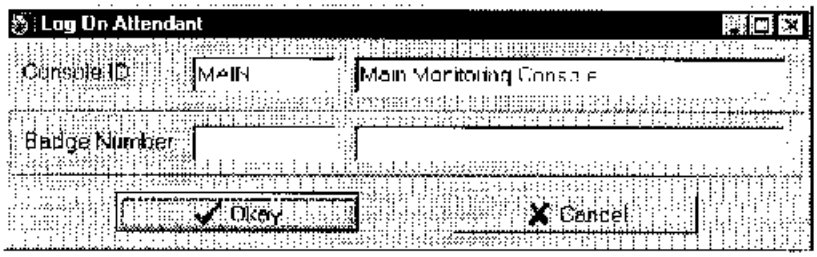
FIELD	DESCRIPTION
Badge/PSM#/Name	The user logged on as a PSM operator who is transporting the materials.
Location Code/ Description	The location from which the operator transported the materials (assumed by the Life•line system to be the location at which the operator is currently logged in). A location is automatically entered when an operator is selected.
Other Materials Now Residing at Location	The description of all materials transported to the operator's location by other operators currently active at that location.
Tag Materials to be Transported Out	The description of all materials transported into the location or under control of the operator selected. Any and all materials "tagged" by checking the box to the left of the description will be tracked as being transported out (i.e., removed from) the location by the operator.

NOTE: An operator can only transport out materials logged under his control. To transport out materials not under an operator's control, they must first be transferred from the operator currently controlling them to the operator who will eventually transport the materials out. (See Log On/Off>Transfer Materials, page 4-56)

Log On/Off>New Attendant

The Log On Attendant screen provides for the designation of a qualified user as the current attendant to a specified Life•line monitoring console.

Because all active consoles must have an attendant, this screen is presented when Life•line is first started. Since Life•line is designed to operate continuously, the current attendant will only be logged off when another is logged on, or if the system itself is powered down.



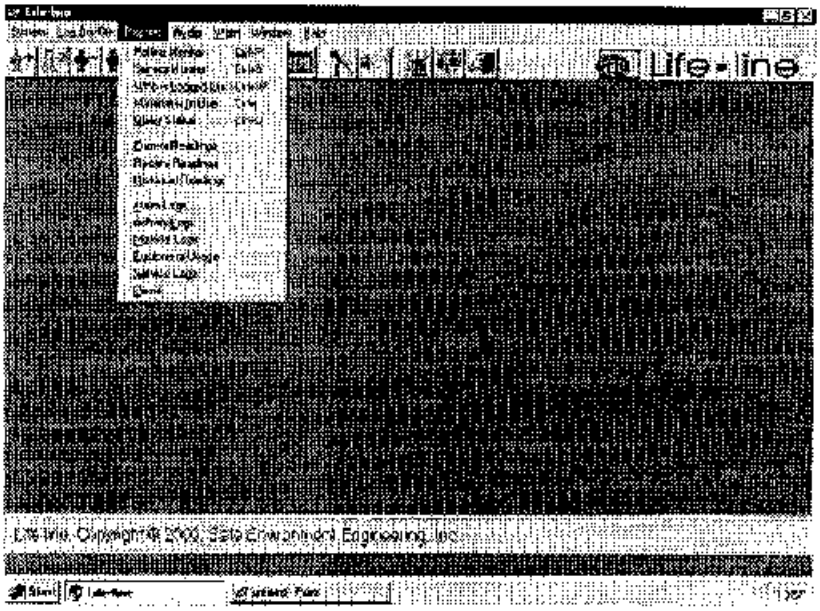
The Log On Attendant screen

FIELD	DESCRIPTION
Console ID/Description	The monitoring console to which the attendant is logging on. The "local" monitoring console is automatically selected. NOTE: If only one console is defined or connected, or the system is first starting up, the Console ID field will be disabled.
Badge Number/Name	The user logging on to Life•line as the attendant. Only users qualified as attendants may log on, and no user may log on more than once. (See System>Users>Users on File grid>Users File screen, page 4-26)

NOTE: It is considered the attendant's responsibility to:

- Remain close to the monitoring console
- Log operators on and off
- Track materials
- Issue and collect PSMs and sensors
- Respond to any audio requests and alarms
- Signal any necessary warnings

Generating Reports



The Reports Pull-down Menu

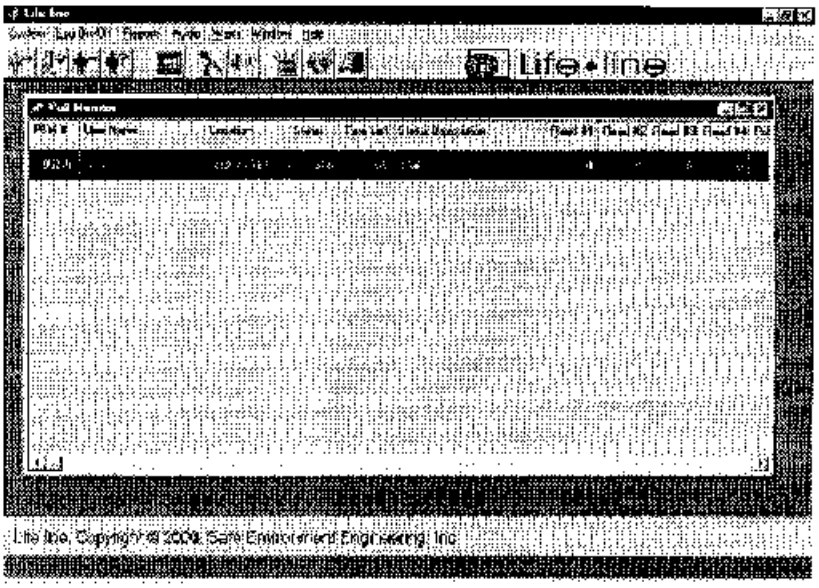
Life•line is capable of displaying several kinds of reports, among them those relating to the users who are logged in, the equipment they are using, and the sensor readings of the locations at which they are working.

All of the reports can be printed from within the report screen.

Reports>Polling Monitor

The Polling Monitor report grid displays a real time event of all active (i.e., logged on) Life•line PSMs in order of the PSM number.

This information is displayed on a grid format that must be scrolled left or right to present all available data.



Polling Monitor Report Grid

FIELD	DESCRIPTION
PSM#	The ID of the PSM operated by the user.
User Name	Logged on operator's name.
Location	The code for the operator's current location.
Status	Number code that corresponds with Status Description.
Time Left	The number of minutes remaining in current status. Only applies to major PSM status states
Status Description	Current Status of PSM (i.e. polling, alarm)
Read #1	Current value of read #1.
Read #2	Current value of read #2.

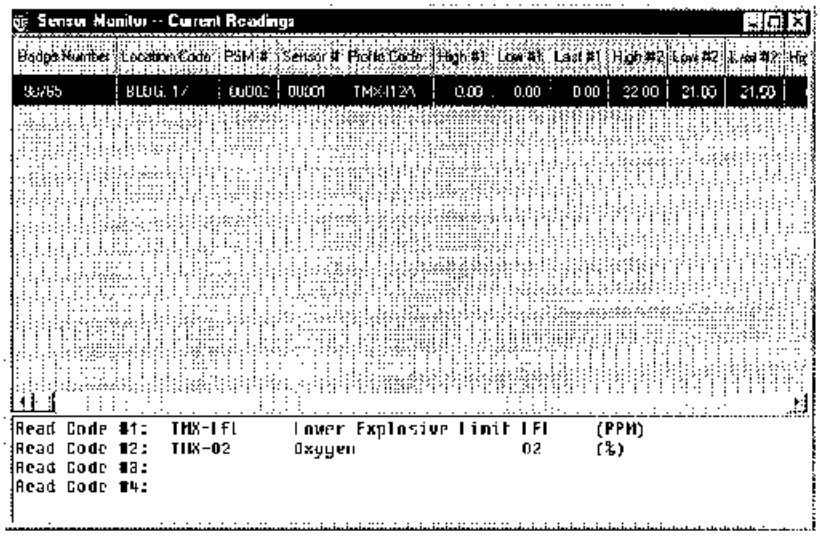
Read #3	Current value of read #3.
Read #4	Current value of read #4.
Polls	Number of pollings in current log-on cycle
Total Retries	Total number of retries for polling since the last time the PSM has been logged on.
Current Retries	Total number of retries in this poll cycle

Reports>Sensor Monitor

The Sensor Monitor report displays real-time sensor readings for all PSM operators with attached, operating sensors in order of the PSMs. The readings are supplied according to the parameters in the Sensor Profile.,

This information is displayed on a grid format that must be scrolled left or right to present all available data.

NOTE: Only readings tied to units for the local monitoring console are displayed.



Sensor Monitor Readings Report grid

FIELD	DESCRIPTION
Badge Number	The badge number of the user operating the PSM with the attached sensor that is relaying data.
Location Code	The code for the operator's current location.
PSM#	The ID of the PSM operated by the user.
Sensor #	The ID of the attached sensor.
Profile Code	The code for the attached sensor's profile.
High #1	The maximum value encountered by the sensor's first read type since the operator first logged on.
Low #1	The minimum value encountered by the sensor's first read type since the operator first logged on.
Last #1	The most recent value recorded for the sensor's first read type.
High #2	The maximum value encountered by the sensor's second read type since the operator first logged on.
Low #2	The minimum value encountered by the sensor's second read type since the operator first logged on.
Last #2	The most recent value recorded for the sensor's second read type.
High #3	The maximum value encountered by the sensor's third read type since the operator first logged on.

FIELD	DESCRIPTION
Low #3	The minimum value encountered by the sensor's third read type since the operator first logged on.
Last #3	The most recent value recorded for the sensor's third read type.
High #4	The maximum value encountered by the sensor's fourth read type since the operator first logged on.
Low #4	The minimum value encountered by the sensor's fourth read type since the operator first logged on.
Last #4	The most recent value recorded for the sensor's fourth read type.

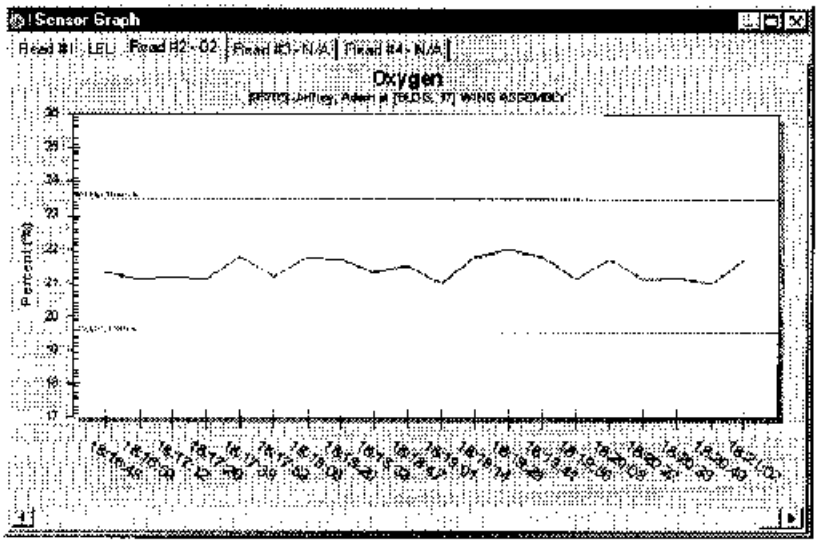
The bottom panel of the Sensor Monitor report presents detail information on the currently selected sensor, including:

- The read code of the substance being sampled by the sensor
- The pre-configured description of the substance being sampled by the sensor
- The pre-configured symbol of the substance being sampled by the sensor
- The pre-configured unit of measure of the substance being sampled by the sensor

Reports>Sensor Monitor>Sensor Graph

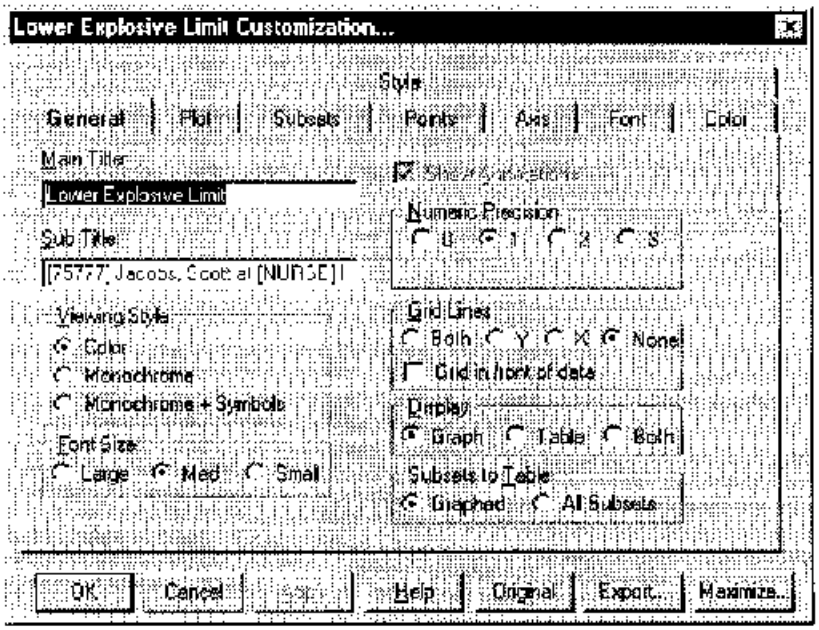
Clicking the right mouse button on a highlighted sensor selection will bring forth a Sensor Graph screen.

The screen contains four tabs, one for each Read associated with the sensor being tracked. The graphs are dynamic, i.e. updated in real time based on the sensor reading interval set in the Read Profile File. (See System>Read Profiles>Read Profiles File Screen, page 4-41)



Sensor Graph example showing Oxygen Sensor readings

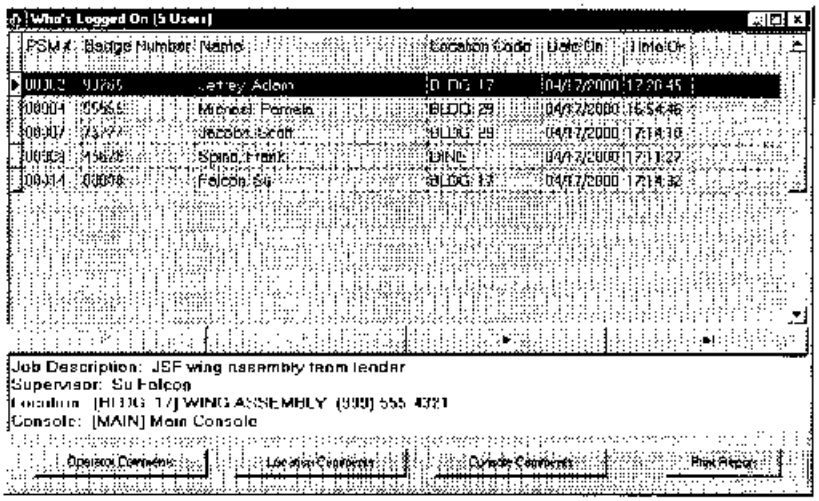
The appearance of the Sensor Graphs can be customized by double-clicking on the graph and configuring the screen to the user's preference.



Sensor Graph Customization screen

Reports>Who's Logged On

The Who's Logged On report grid displays all active (i.e., logged on) Life•line users, including attendants, operators and supervisors, in order of the PSM number.



The Who's Logged On report

FIELD	DESCRIPTION
PSM#	The ID of the PSM operated by the user.
Badge Number	The logged on user's badge number.
Name	The logged on user's full name (last name, first name format).
Location Code	The code of the location where the user is logged in.
Date On	The date the user logged in.
Time On	The time the user logged in.

The bottom panel of the Who is Logged On? screen presents detail information on the currently selected (i.e., highlighted) user.

For operators and supervisors, the following information appears if it has been previously entered via in the Users File, the Locations File, or the Consoles file:

- Job description
- Supervisor name and phone number
- Location description and phone number
- Console description and phone number

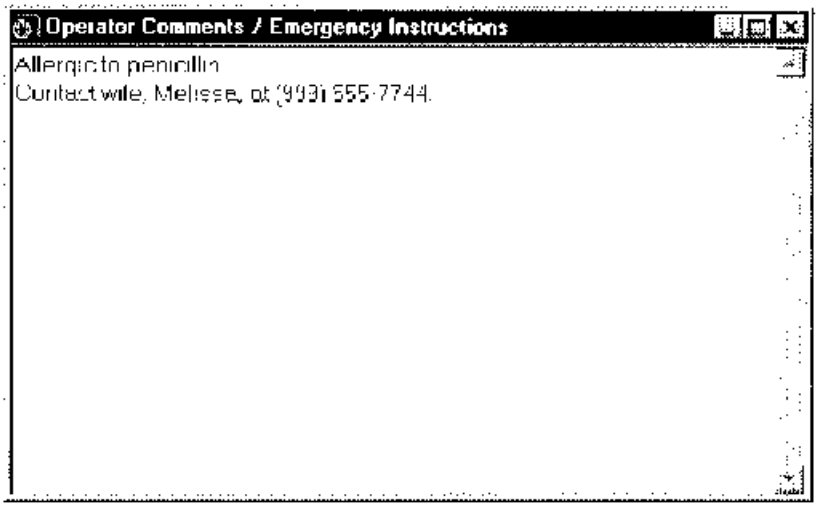
For attendants, the following information appears if information has been previously entered in the Consoles File:

- Console description and phone number

(See Configuring the Users, page 4-25)
(See Configuring the Locations, page 4-20)
(See Configuring the Consoles, page 4-11)

Reports>Who's Logged On>Operator Comments button

Additional comments and emergency instructions associated with the currently selected operator, Location, and Console may be seen by clicking on the buttons at the bottom panel of the Who's Logged On screen.



Example of Comments /Emergency Instructions screen (Operator Comments)

The information that appears comes from the Emergency Instructions tab page of the Users File (or the Locations File or Consoles File, depending on which button is selected).

(See System>Users>Users on File grid>Users File screen>Emergency Instructions, page 4-29)

Reports>Who's Logged On>Location Comments button

This button displays the same type of information as the Operator Comments button.

(See Locations>Locations on File grid>Locations File screen>Emergency Instructions, page 4-24)

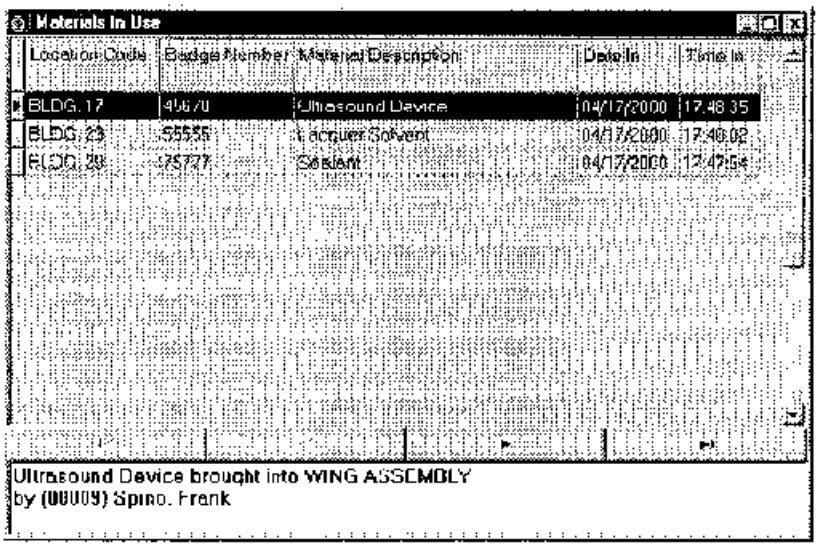
Reports>Who's Logged On>Console Comments button

This button displays the same type of information as the Operator Comments button.

(See System>Consoles>Consoles on File grid>Consoles File screen>Emergency Instructions, page 4-15)

Reports>Materials in Use

The Materials in Use report displays all materials currently residing at various locations.



The Materials in Use report grid

FIELD	DESCRIPTION
Location Code	The location where the material resides.
Badge Number	The ID number of the operator currently responsible for transporting the materials out of the location.
Material Description	The free-form description of the material.
Date In	The date the operator transported the materials into the location.
Time In	The time the operator transported the materials into the location.

The bottom panel of the Materials in Use screen presents detail information on the currently selected (i.e., highlighted) material, including:

- The name of the operator responsible for the material
- The PSM number of the operator currently responsible for transporting the materials out of the location

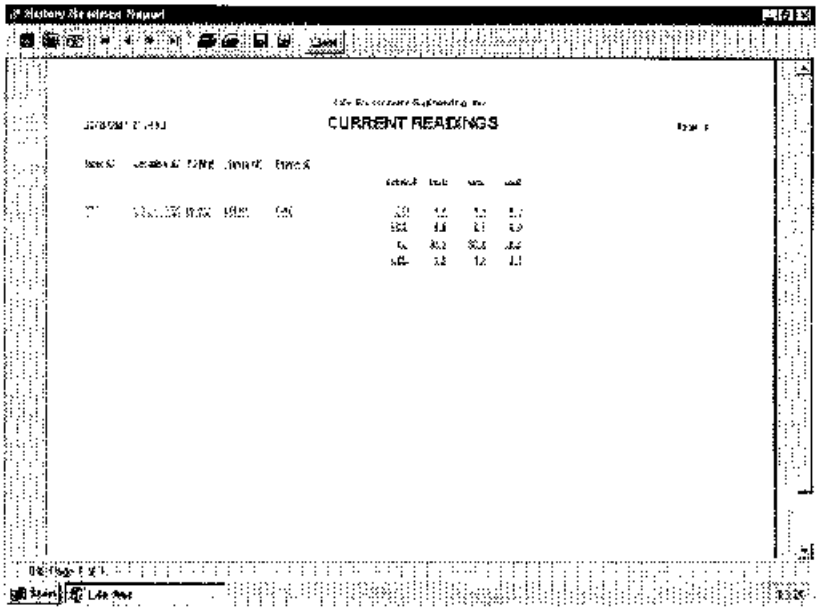
Reports>Query Status

See Reports>Polling Monitor for the current Query Status of a PSM

Reports>Current Readings

The Current Readings report displays real-time sensor readings for all PSM operators with attached, operating sensors. The readings are supplied according to the parameters in the Sensor Profile.

NOTE: Only readings tied to units for the local monitoring console are displayed.



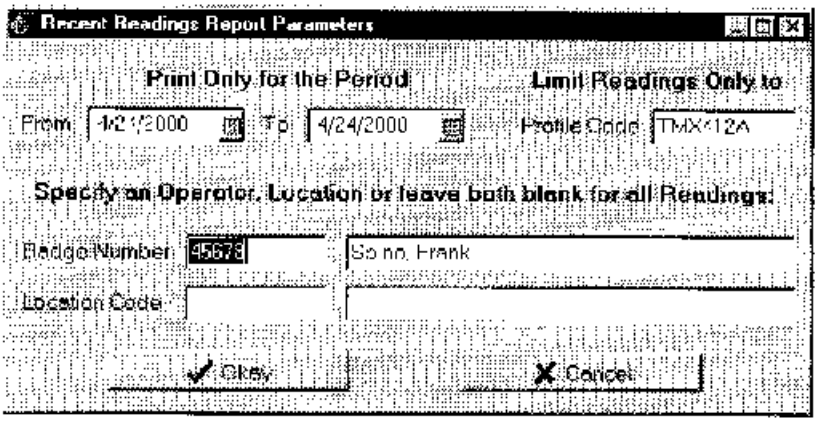
Current Readings Report grid

FIELD	DESCRIPTION
User ID	The ID number of the user operating the PSM with the attached sensor that is relaying data.
Location ID	The code for the operator's current location.
PSM#	The ID of the PSM operated by the user.
Sensor #	The ID of the attached sensor.
Profile Code	The code for the attached sensor's profile.
High #1	The average maximum value encountered by the sensor's first read type since the operator first logged on.
Low #1	The average minimum value encountered by the sensor's first read type since the operator first logged on.
Last #1	The most recent value recorded for the sensor's first read type.
High #2	The average maximum value encountered by the sensor's second read type since the operator first logged on.
Low #2	The average minimum value encountered by the sensor's second read type since the operator first logged on.
Last #2	The most recent value recorded for the sensor's second read type.
High #3	The average maximum value encountered by the sensor's third read type since the operator first logged on.
Low #3	The average minimum value encountered by the sensor's third read type since the operator first logged on.
Last #3	The most recent value recorded for the sensor's third read type.
High #4	The average maximum value encountered by the sensor's fourth read type since the operator first logged on.
Low #4	The average minimum value encountered by the sensor's fourth read type since the operator first logged on.
Last #4	The most recent value recorded for the sensor's fourth read type.

Reports>Recent Readings

The Recent Readings Report generates detail information taken from the previous eight (8) hours of PSM gas sensor data.

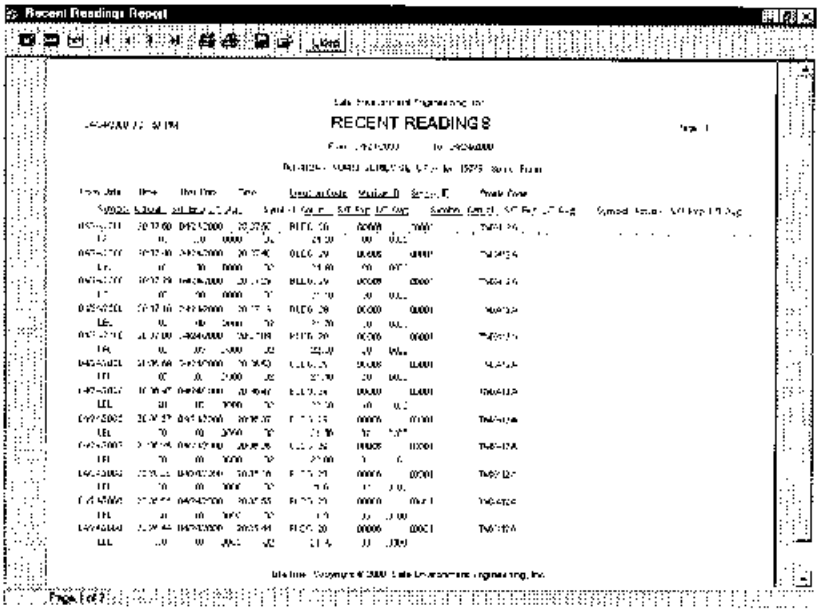
The Recent Readings Report Parameters screen determines what data will be displayed in the report.



Recent Reading Report Parameters screen

FIELD	DESCRIPTION
From	The earliest date for which sensor data is to be reported (assuming this date does not precede the last eight hours of sensor data)
To	The latest date for which alarms data is to be reported.
Profile Code	A unique identifier associated with the specific sensor profile. Specifying a profile code narrows the focus of the report to a specific type of sensor.
Badge Number	A unique identifier associated with the user, explicitly referring to the ID number printed on the employee's badge. Specifying a badge number narrows the focus of the report to just those sensor readings experienced by a particular PSM/sensor operator.
Location Code	A unique identifier associated with a location. Specifying a location narrows the focus of the report to just those sensor readings taken at a particular location.

The generated report is presented in columnar format.



Recent Readings Report

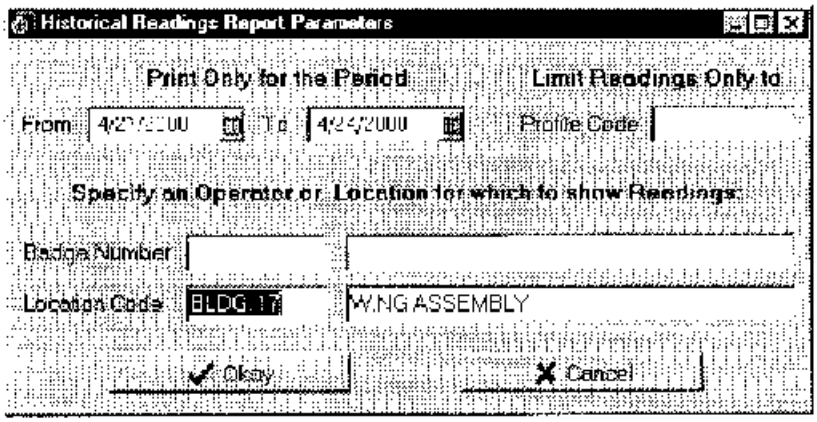
FIELD	DESCRIPTION
From Date/Time **Thru Date/Time**	The date and times during which the sensor took a reading. Each entry in the report directly reflects the duration of the time between reads. (See Configuring the Sensor Profiles)
Badge Number	(If requested in the report parameters screen) A unique identifier associated with the user, explicity referring to ID number printed on the employee's badge.
Location Code	(If requested in the report parameters screen) A unique identifier associated with a location
Monitor ID	A unique identifier association with a PSM
Sensor ID	A unique identifier association with a sensor
Profile Code	A unique identifier associated with the specific sensor profile. (See Configuring the Sensor Profiles).
Symbol	The scientific designation of the read value (e.g. "O2"), for reference and reporting purposes.
Actual	The most recent value recorded for the sensor's read type.

FIELD	DESCRIPTION
S/T Exp	The number of seconds over which the short-term average exposure level was calculated for this read type. OSHA's short-term period is 15 minutes, expressed as 900 seconds. An entry of zero signifies that short-term averages should not be calculated.
L/T Avg	The number of seconds over which the long-term average exposure level was calculated for this read type. OSHA's long-term period is 8 hours, expressed as 28800 seconds. An entry of zero signifies that long-term averages should not be calculated.

Reports>Historical Readings

The Historical Readings report presents summary information (e.g., maximum and minimum values) taken during a user-specified 8-hour period.

The Historical Readings Report Parameters screen determines what data will be displayed in the report.

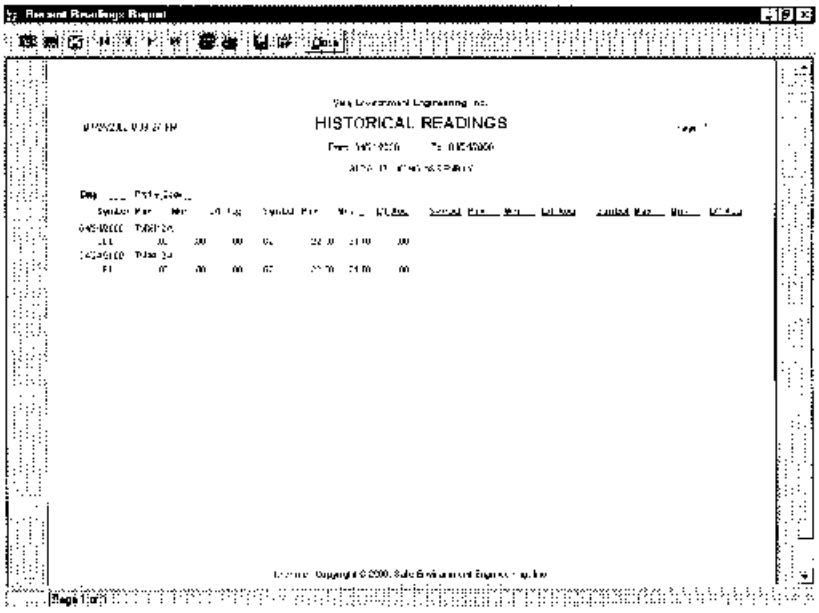


Historical Reading Report Parameters screen

FIELD	DESCRIPTION
From	The earliest date for which sensor data is to be reported.
To	The latest date for which alarms data is to be reported.

FIELD	DESCRIPTION
Profile Code	A unique identifier associated with the specific sensor profile. Specifying a profile code narrows the focus of the report to a specific type of sensor.
Badge Number	A unique identifier associated with the user, explicitly referring to the ID number printed on the employee's badge. Specifying a badge number narrows the focus of the report to just those sensor readings experienced by a particular PSM/sensor operator.
Location Code	A unique identifier associated with a location. Specifying a location narrows the focus of the report to just those sensor readings taken at a particular location.

The generated report is presented in four columns, one for each read tab.



Historical Readings Report

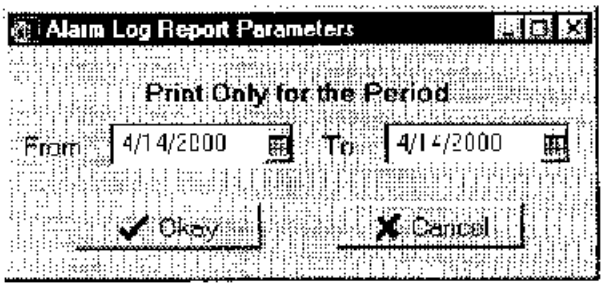
FIELD	DESCRIPTION
Date	The requested beginning date of the reported readings.
Profile Code	A unique identifier associated with the specific sensor profile.

FIELD	DESCRIPTION
Symbol	The scientific designation of the read value (e.g. "O2"), for reference and reporting purposes.
Max	The highest long-term average read value that can be calculated without triggering an alarm. Any average value exceeding the maximum is assumed unsafe and will be immediately reported.
Min	The lowest long-term average read value that can be calculated without triggering an alarm. Any average value dropping below the minimum is assumed unsafe and will be immediately reported. An entry of zero reflects no average minimum value.
L/T Avg.	The highest long-term average read value that can be calculated without triggering an alarm. Any average value exceeding the maximum is assumed unsafe and will be immediately reported.

Reports>Alarm Logs

The Alarms Log report displays detail information on all alarms issued and received within a specified date range.

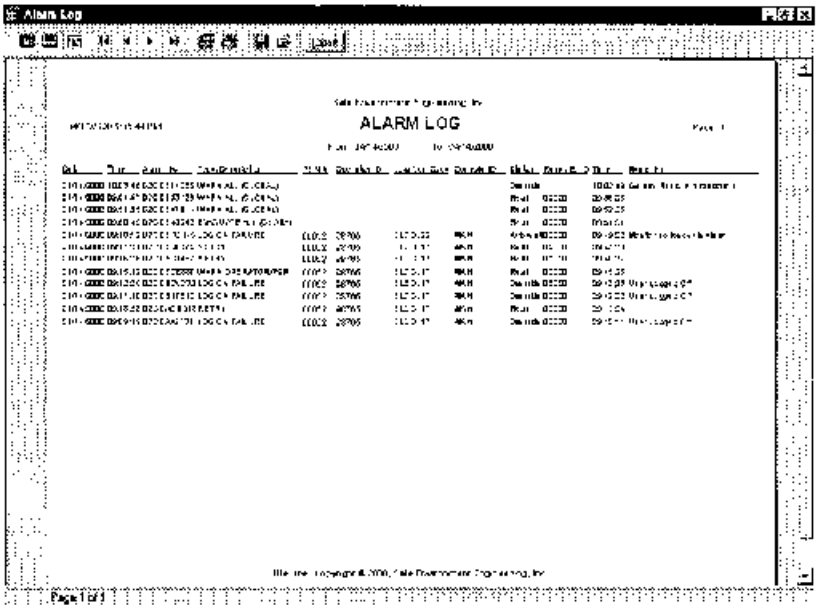
The Alarms Log Parameters screen determines what data will be displayed in the report.



Alarm Log Report Parameters Screen

FIELD	DESCRIPTION
From	Date specifying the earliest date for which alarms data is to be reported.
To	Date specifying the latest date for which alarms data is to be reported

The generated report is presented in columnar format.



Alarm Log report

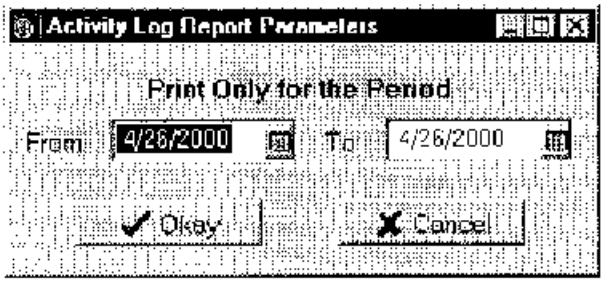
FIELD	DESCRIPTION
Date	Date the alarm occurred.
Time	Time the alarm occurred.
Alarm Number	The unique identifier assigned the alarm.
Type/Description	The general nature of the alarm (e.g., warning, help, etc.)
PSM#	The ID code of the PSM receiving and/or reporting the alarm, if applicable.
Operator ID	The badge number of the user operating the PSM that received and/or reported the alarm, if applicable.
Location Code	The code for the location of the PSM operator that received and/or reported the alarm, or the code for the location to which a location-wide warning was issued.
Console ID	The ID of the monitoring console issuing and/or receiving the alarm.
Status	Displays whether or not the alarm was real, false, or simply a test.
Reset By ID	The badge number of the attendant or supervisor that reset the alarm at the monitoring console.
Time	The time the alarm was reset

FIELD	DESCRIPTION
Remarks	Comments regarding the circumstances of the alarm and its ultimate resolution.

Reports>Activity Logs

The Activity Log report displays detail information on all significant occurrences (i.e., startup, logging, material transfers, alarms, etc.) recorded by the Life•line system during a specified date range.

The Activity Log Parameters screen determines what data will be displayed in the report.

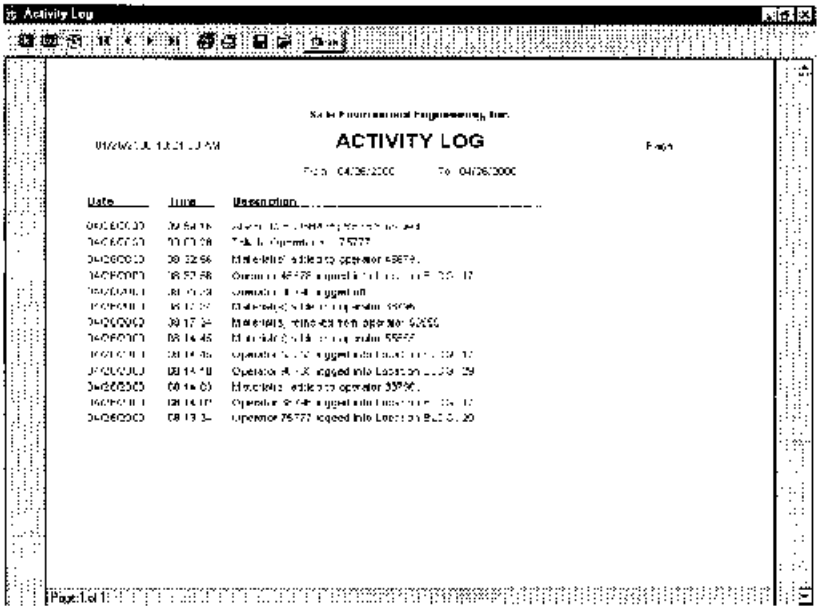


Activity Log Report Parameters screen

FIELD	DESCRIPTION
From	Date specifying the earliest date for which system activity is to be reported.
To	Date specifying the latest date for which system activity is to be reported

The generated report presents the latest activity first.

FIELD	DESCRIPTION
Date	Date the activity occurred.
Time	Time the activity occurred.
Description	Detailed information on the general nature of the activity (e.g., operator logged on, location warning issued, audio link established, etc.).



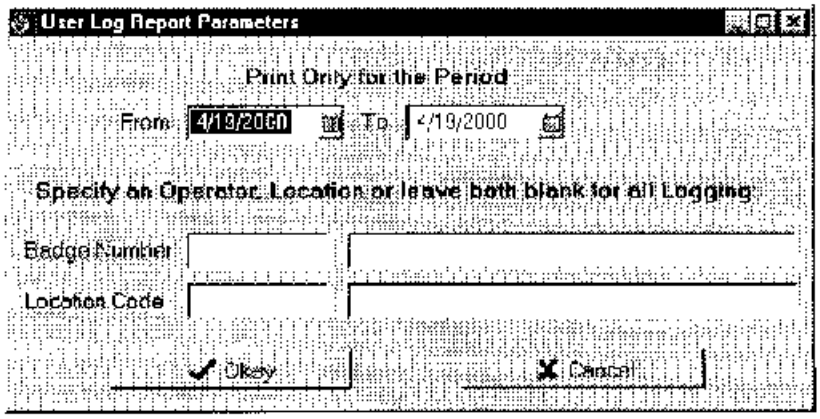
Activity Log report

Reports>User Logs

The User Log report displays detail information on operator and location activity (e.g., operator logging on and off, locations traveled to and from).

The reports only include information on transactions that have been completed and recorded by the Life•line system during a specified date range.

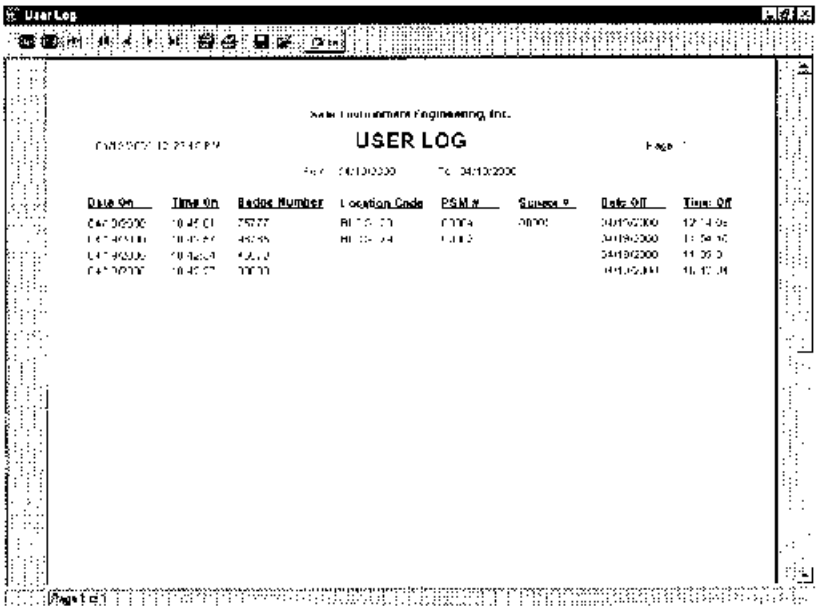
The User Log Parameters screen determines what data will be displayed in the report.



User Log Report Parameters screen

FIELD	DESCRIPTION
From	Date specifying the earliest date for which activity is to be reported.
To	Date specifying the latest date for which activity is to be reported.
Badge Number/Name	The specific operator for whom activity is being tracked. To track all users, leave this field blank.
Location Code/ Description	The specific Location for which activity is being tracked. To track all locations, leave this field blank.

The generated report presents the latest activity first.



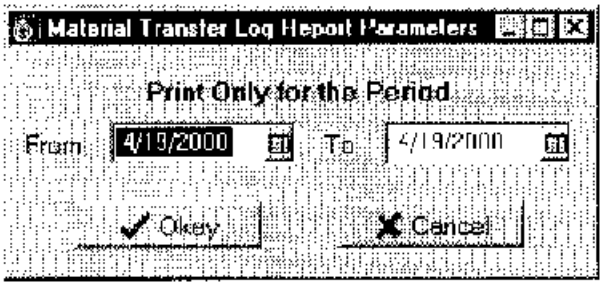
User Log report

FIELD	DESCRIPTION
Date On	Date the activity occurred.
Time on	Time the activity occurred.
Badge Number	The unique identifier associated with an operator.
Location Code	The unique identifier associated with a location. This indicates where an activity was completed. No location will be reported for attendants and supervisors.
PSM #	The unique identifier associated with the PSM used in conjunction with a specific Badge Number (operator).
Sensor #	The unique identifier of a gas sensor in use in conjunction with a specific PSM, by a specific Badge Number (operator).
Date Off	The date the activity was completed.
Time Off	The time the activity was completed.

Reports>Material Logs

The Material Tracking Log report displays and optionally prints detail information on all materials transported into and out of locations by PSM operators within a specified date range.

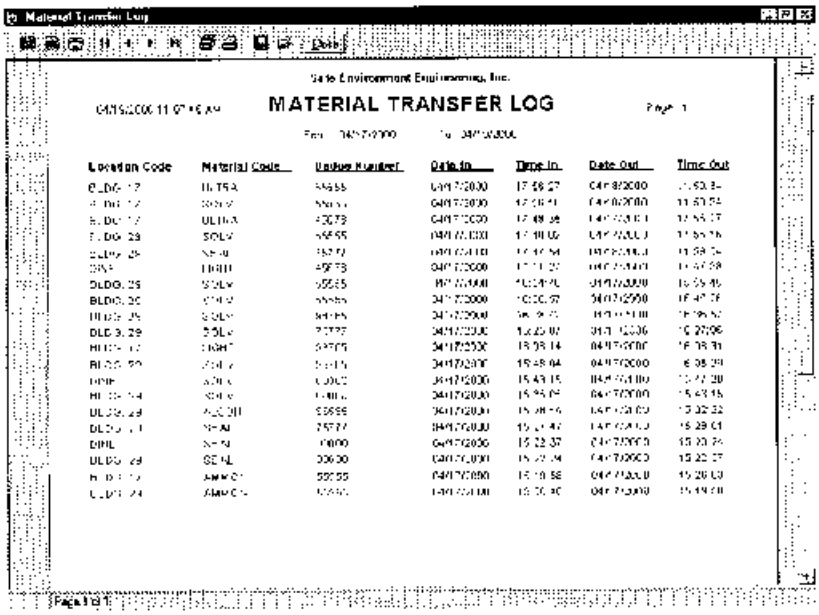
The Material Tracking Log Parameters screen determines what data will be displayed in the report.



Material Transfer Log Report Parameters screen

FIELD	DESCRIPTION
From	Date specifying the earliest date for which user material log on activities are to be reported.
To	Date specifying the latest date for which user material log on activities are to be reported.

The generated report presents the latest activity first.



Material Transfer Log report

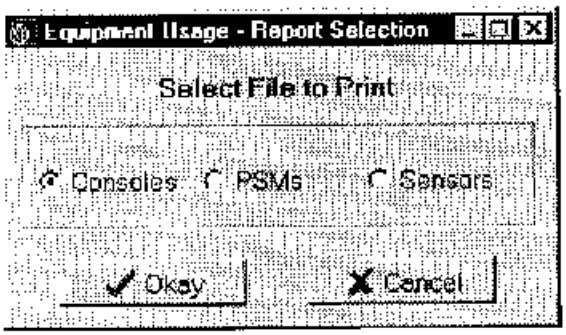
FIELD	DESCRIPTION
Location Code	The location into and out of which the materials were

Field	Description
	transported.
Material Code	The material transported in and out of the location.
Badge Number	The badge number of the operator originally transporting the materials into the location. If materials are transferred to another operator, that will be reflected when the operator logs off and the materials are tracked and recorded in the Time Out column of the report.
Date In	The date the operator transported the materials into the location.
Time In	The time the operator transported the materials into the location.
Date Out	The date the materials were transported out of the location, or transferred to another operator.
Time Out	The time the materials were transported out of the location, or transferred to another operator.

Reports>Equipment Usage

The Equipment Usage Report displays information on the number of hours Life•line equipment has been used. This report can be used to analyze future service requirements.

The Equipment Usage Report Selection screen determines which equipment data will be displayed in the report.

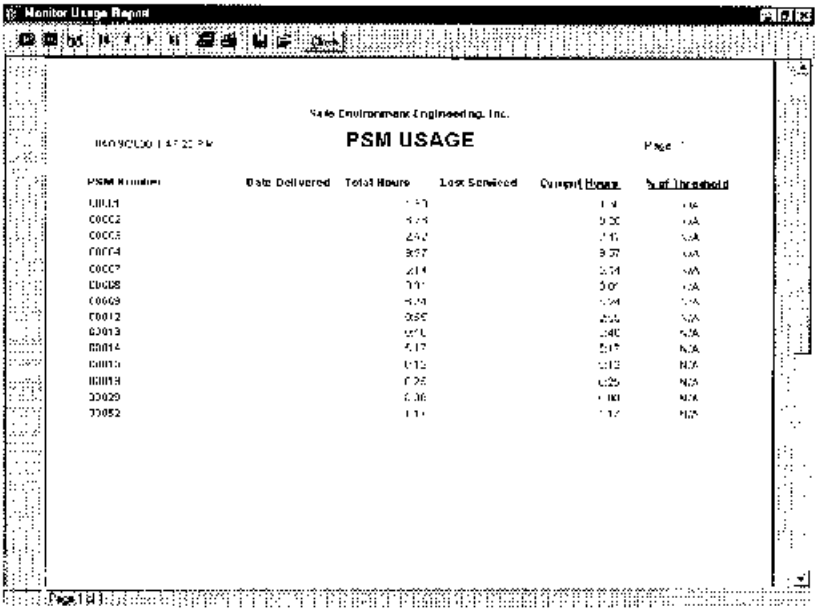


Equipment Usage – Report Selection

Field	Description
Consoles	Signifies that the report is to detail usage information on all monitoring consoles.

FIELD	DESCRIPTION
PSMs	Signifies that the report is to detail usage information on all PSMs.
Sensors	Signifies that the report is to detail usage information on all sensors.

The generated report is presented in order of equipment ID number



Equipment Usage Report (Monitor selected)

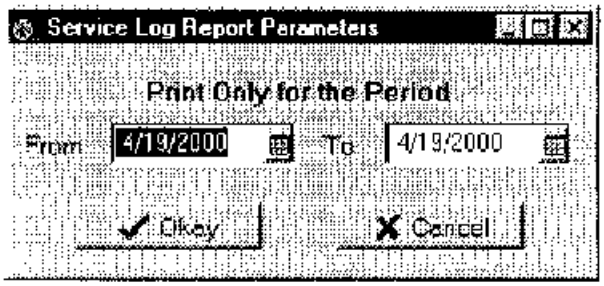
FIELD	DESCRIPTION
Console ID	The ID code for the monitoring console. NOTE: This column only appears if the Console option was selected.
PSM Number	The ID code of the PSM. NOTE: This column only appears if the PSM option was selected.
Sensor Number	The ID code of the sensor. NOTE: This column only appears if the Sensor option was selected.
Date Delivered	The original date the console, monitor or sensor first arrived for installation and/or use.

FIELD	DESCRIPTION
Total Hours	The number of hours and minutes the console, monitor or sensor has been used since the Date Delivered.
Last Serviced	The most recent date the console, monitor or sensor was taken off-line for repairs and/or scheduled maintenance or upgrades.
Current Hours	The number of hours and minutes the console, monitor or sensor has been used since Last Serviced.
% of Threshold	The percentage used of the maximum number of hours the console, PSM or sensor is allotted before requiring service.

Reports>Service Logs

The Equipment Service Log report displays information on maintenance pending or performed on Life•line equipment within a specified date range.

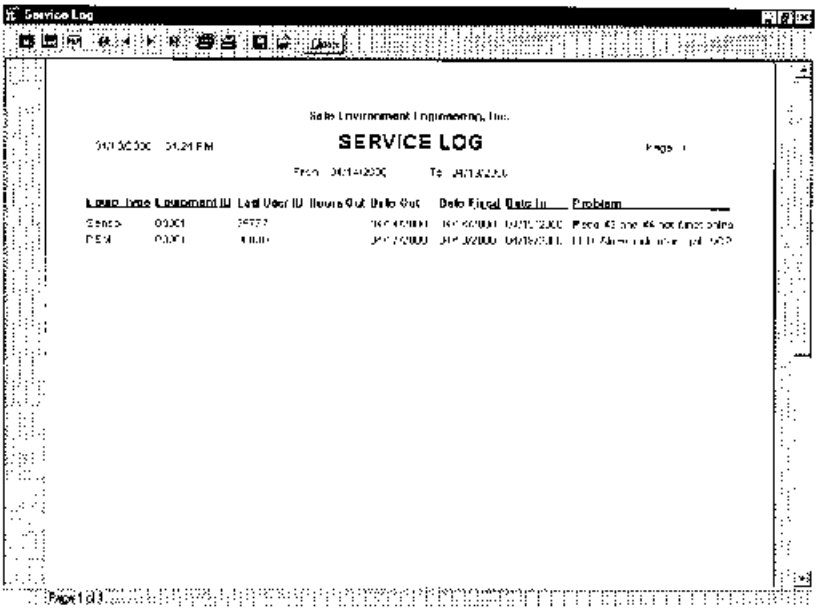
The Equipment Service Log Parameters screen determines what data will be displayed in the report.



Service Log Report Parameters screen

FIELD	DESCRIPTION
From	The earliest date for which service information is to be reported.
To	The latest date for which service information is to be reported.

The generated report is presented in ascending order, beginning with the earliest Date Out entry.



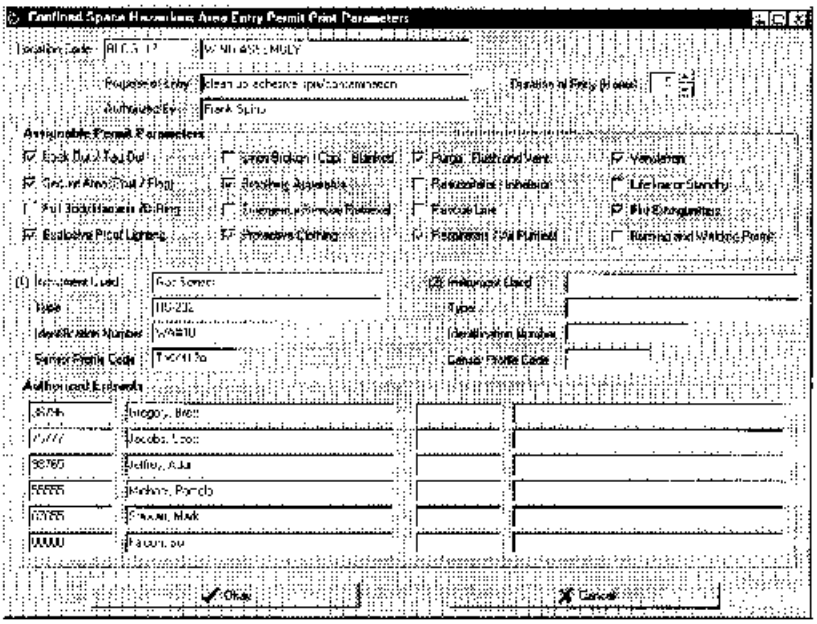
Service Log report

FIELD	DESCRIPTION
Equip Type	The general category of equipment serviced (i.e., console, PSM or sensor).
Equipment ID	The ID code of the equipment serviced.
Last User ID	The badge number of the user operating the equipment immediately prior to service being performed. For Consoles, this refers to the attendant. For Sensors or Monitors, this refers to the operator.
Hours Out	The total number of hours of usage the equipment has accumulated prior to the service being performed.
Date Out	The date the equipment was taken off-line for maintenance.
Date Fixed	The date Safe Environment Engineering-approved personnel completed repairs, maintenance or upgrade of the equipment.
Date In	The date the equipment was returned for use.
Problem	Comments describing the reasons the equipment needed service.

Reports>Permit

This menu option brings forth the Confined Space Hazardous Area Entry Permit. This is an OSHA-compliant permit requiring specific and general information to be supplied before authorizing the entry of operators into confined hazardous locations.

The Confined Space Hazardous Area Entry Permit Parameters screen determines what data will be displayed in the permit.

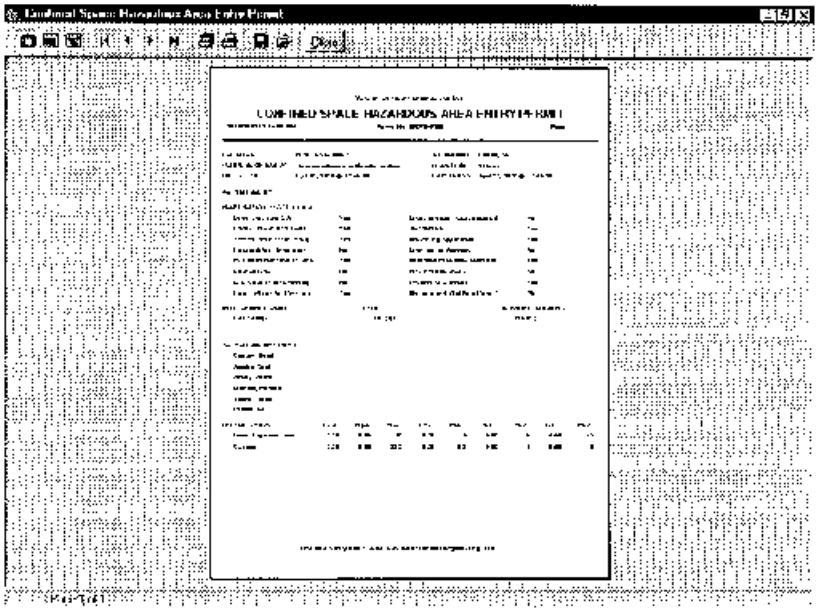


Confined Space Hazardous Area Entry Permit Print Parameters setup screen

FIELD	DESCRIPTION
Location Code and Description	The confined, hazardous location for which an entry permit is to be generated.
Purpose of Entry	The reason operators are entering the location.
Duration of Entry (Hours)	The maximum number of hours the operators are permitted to remain within the location.
Authorized By	A free-form entry identifying the qualified individual authorizing issuance of the permit. NOTE: The permit does not print this entry; the individual must actually sign the printed permit.
Assignable Permit Parameters	This panel contains sixteen (16) individual categories describing the nature of the location's hazard, the safety equipment to be used by entrants, or other safety-related

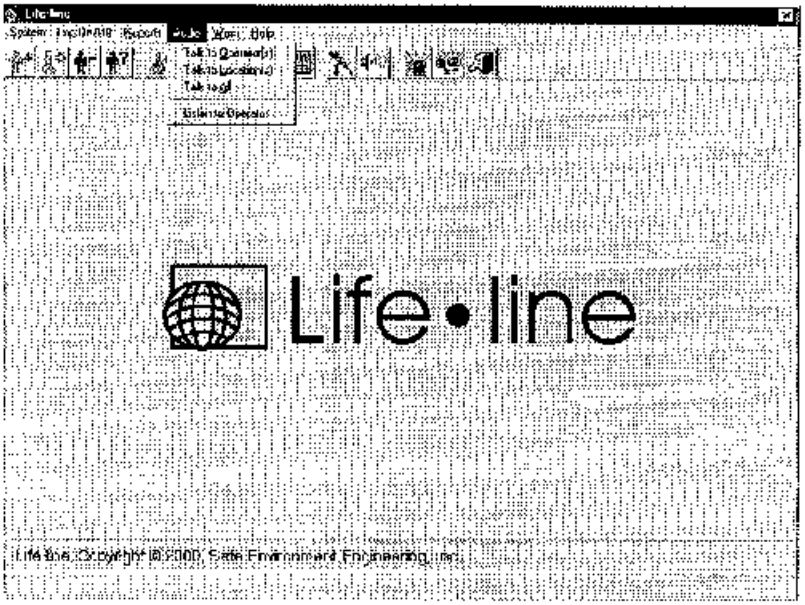
FIELD	DESCRIPTION
	measures being taken. All parameters will be shown on the permit with a YES next to those selected and NO adjacent to those not selected.
Instrument Used (two fields)	The instruments the entrants will use in the location.
Type (two fields)	The basic category of the instruments used.
Identification Number (two fields)	The ID number of the instruments used.
Profile Code (two fields)	The sensor profiles of the instruments used, enabling the permit to extract and show associated sensor readings most recently collected for the specified location.
Authorized Entrants	Up to twelve (12) badge numbers and names of Life•line users that will be authorized by the permit to enter the location.

The permit generated displays all of the data described above, formatted to a single page. The permit must be printed and signed by the person authorizing it.



Confined Space Hazardous Area Entry Permit

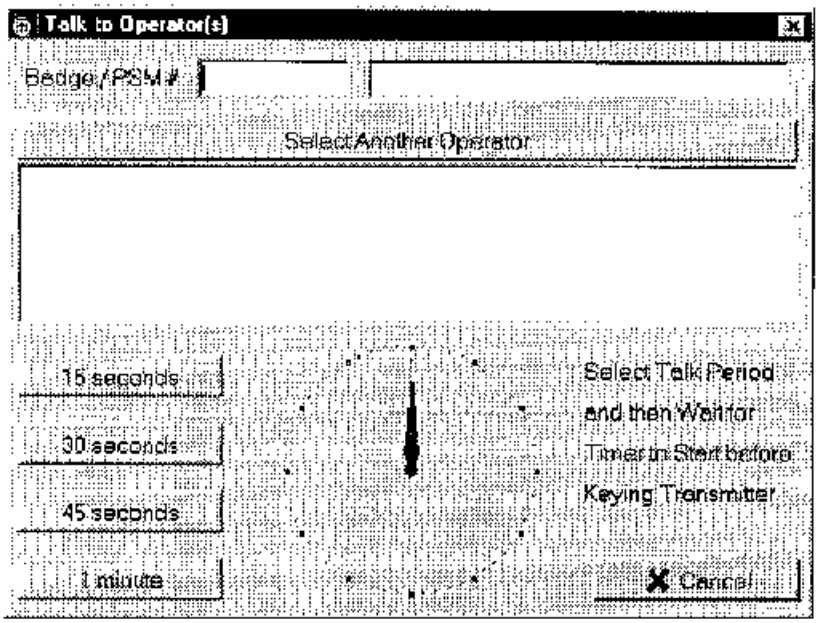
Establishing Two Way Audio Connections



Navigating to the Audio pull-down menu

Audio>Talk to Operator(s)

The Talk to Operator(s) screen provides the capability to establish audio contact with and broadcast to one or more PSM operators.



Talk to Operator(s) screen

FIELD	DESCRIPTION
Badge/PSM#/Name	The PSM operator to contact.

BUTTON	DESCRIPTION
Select Another Operator	Enables multiple operators to be specified. The currently identified operator is added to a list and the Badge/PSM# field is cleared to make room for another entry.
Selected Operator List	Displays all operators with which broadcast audio contact is to be established.
15 seconds	Initiates the process of establishing broadcast audio contact with the selected operator(s), switching PSMs into audio mode for a maximum of 15 seconds.
30 seconds	Initiates the process of establishing broadcast audio contact with the selected operator(s), switching PSMs into audio mode for a maximum of 30 seconds.
45 seconds	Initiates the process of establishing broadcast audio contact with the selected operator(s), switching PSMs into audio mode for a maximum of 45 seconds.

BUTTON	DESCRIPTION
1 minute	Initiates the process of establishing broadcast audio contact with the selected operator(s), switching PSMs into audio mode for a maximum of 60 seconds.

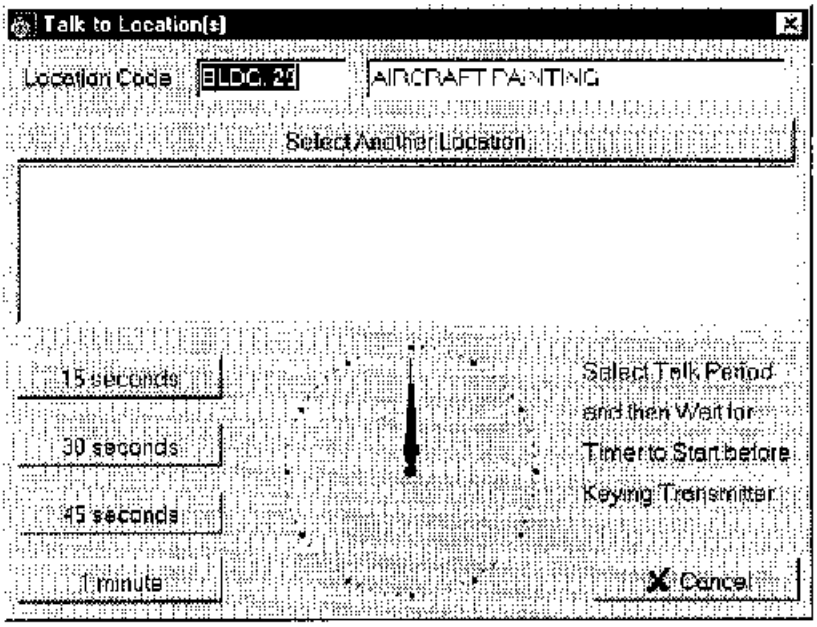
Once initiated, the system will wait while contact is established with the selected operator(s).

The Audio Clock will set itself to the selected period and begin counting down when all possible audio links have been established.

- Begin voice transmission immediately upon clock movement
- Terminate voice transmission immediately upon time expiration

Audio>Talk to Location(s)

The Talk to Location(s) screen provides the capability to establish audio contact with and broadcast to PSM operators in one or more locations.



Talk to Location(s) screen

FIELD	DESCRIPTION
Location Code/ Description	The location at which all PSM operators are to be contacted.

BUTTON	DESCRIPTION

BUTTON	DESCRIPTION
Select Another Location	Enables multiple locations to be specified. The currently identified locations is added to a list and the Location Code field is cleared to make room for another entry.
15 seconds	Initiates the process of establishing broadcast audio contact with the selected location(s), switching PSMs into audio mode for a maximum of 15 seconds.
30 seconds	Initiates the process of establishing broadcast audio contact with the selected location(s), switching PSMs into audio mode for a maximum of 30 seconds.
45 seconds	Initiates the process of establishing broadcast audio contact with the selected location(s), switching PSMs into audio mode for a maximum of 45 seconds.
1 minute	Initiates the process of establishing broadcast audio contact with the selected location(s), switching PSMs into audio mode for a maximum of 60 seconds.

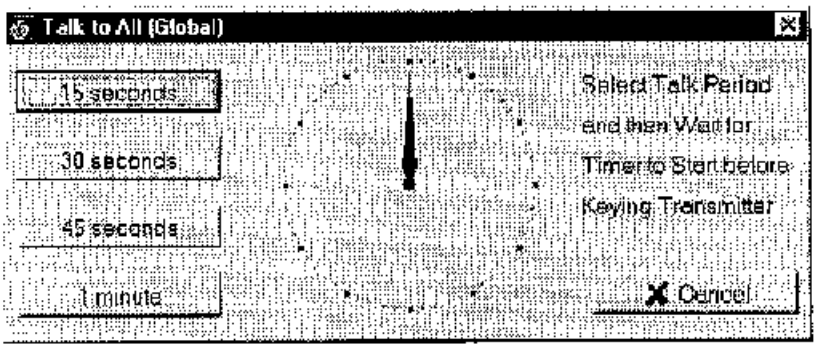
Once initiated, the system will wait while contact is established with all operators in the selected location(s).

The Audio Clock will set itself to the selected period and begin counting down when all possible audio links have been established.

- Begin voice transmission immediately upon clock movement.
- Terminate voice transmission immediately upon expiration.

Audio>Talk to All

The Talk To All (Global) screen provides the capability to establish audio contact with and broadcast to all PSM operators in all locations for all active and connected consoles.



Talk to All (Global) screen

BUTTON	DESCRIPTION
15 seconds	Initiates the process of establishing broadcast audio contact, switching PSMs into audio mode for a maximum of 15 seconds.
30 seconds	Initiates the process of establishing broadcast audio contact, switching PSMs into audio mode for a maximum of 30 seconds.
45 seconds	Initiates the process of establishing broadcast audio contact, switching PSMs into audio mode for a maximum of 45 seconds.
1 minute	Initiates the process of establishing broadcast audio contact, switching PSMs into audio mode for a maximum of 60 seconds.

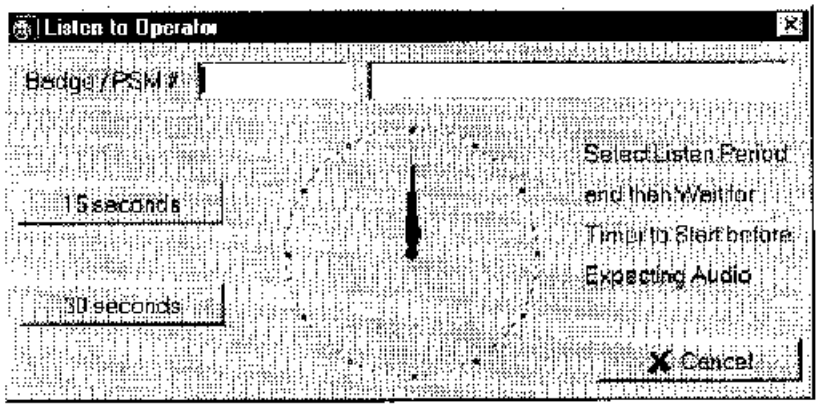
Once initiated, the system will wait while contact is established with all operators.

The Audio Clock will set itself to the selected period and begin counting down when all possible audio links have been established.

- Begin voice transmission immediately upon clock movement
- Terminate voice transmission immediately upon time expiration

Audio>Listen to Operator

The Listen to Operator screen provides the capability to establish audio contact with and monitor all sound in the vicinity of a single PSM operator.



Listen to Operator screen

FIELD	DESCRIPTION
Badge/PSM#	The PSM operator to contact.

BUTTON	DESCRIPTION
15 seconds	Initiates the process of establishing broadcast audio contact with the selected operator, switching the PSM into audio transmission mode for a maximum of 15 seconds.
30 seconds	Initiates the process of establishing broadcast audio contact with the selected operator, switching the PSM into audio transmission mode for a maximum of 30 seconds.

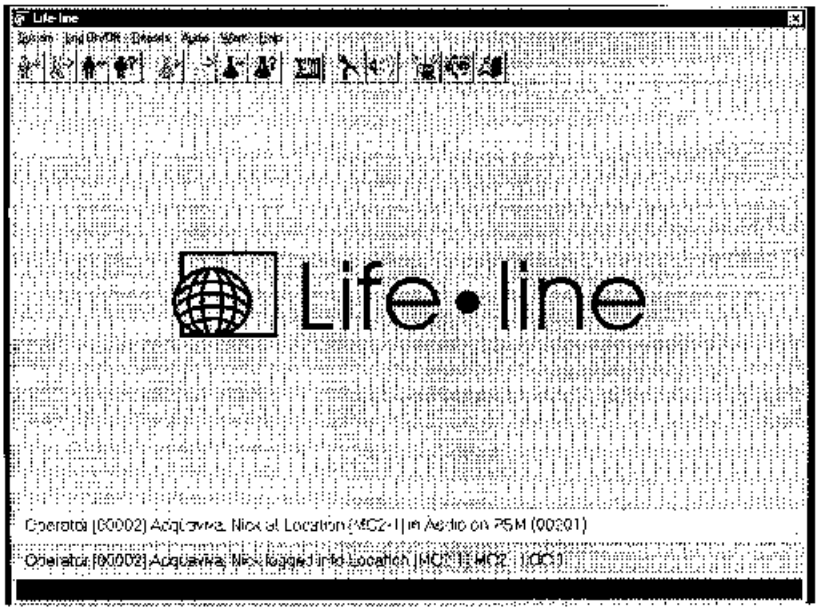
Once initiated, the system will wait while contact is established with the selected operator.

The Audio Clock will set itself to the selected period and begin counting down when the audio link has been established.

- The sound monitor will begin immediately upon clock movement
- The sound monitor will terminate immediately upon expiration

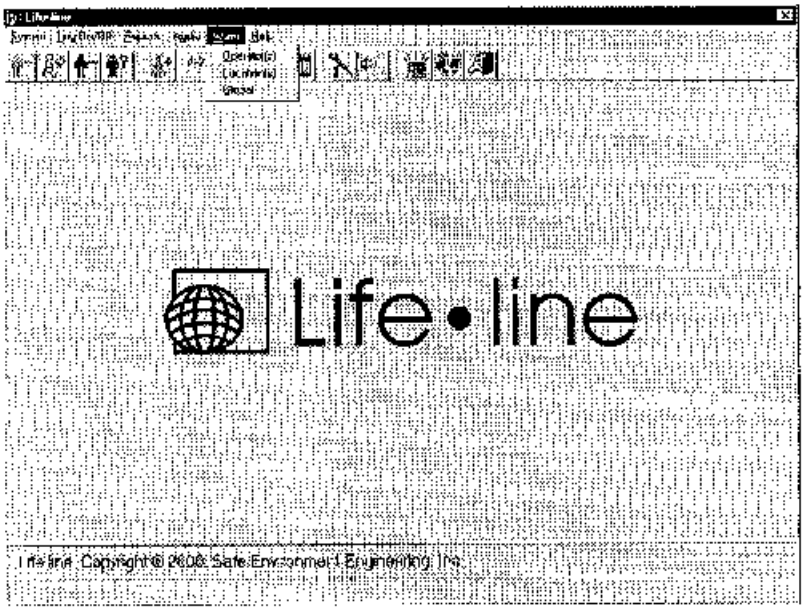
Caller ID

Should an operator initiate audio communication with an attendant, a screen will appear on the monitoring console allowing instant identification of the PSM transmitting the voice data, the name and badge number of the employee, the employee's location.



Main Screen showing caller ID (yellow status bar)

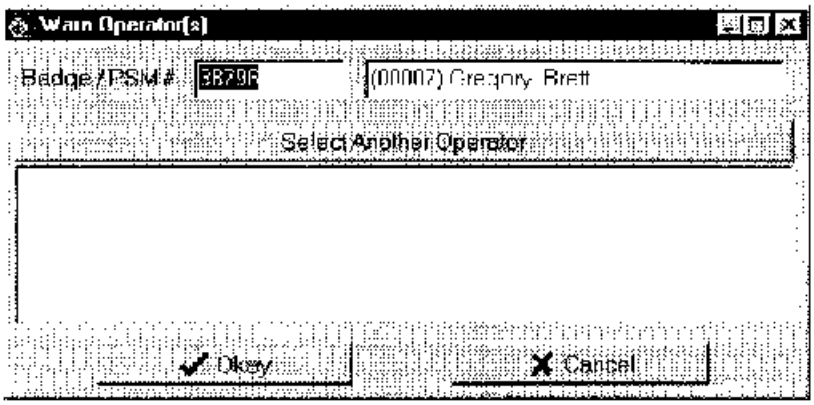
Issuing Warnings



Navigating to the Warn menu

Warn>Operator(s)

The Warn Operator(s) screen provides the capability to trigger warning signals (alarms) on the PSMs of one or more operators.

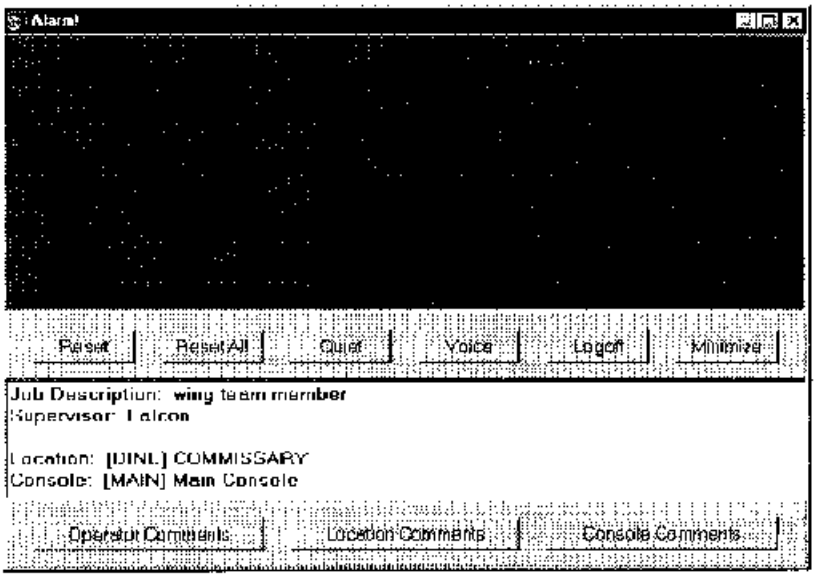


Warn Operator(s) screen

FIELD	DESCRIPTION
Badge/PSM#/Name	The PSM operator who is to be warned.

BUTTON	DESCRIPTION
Select Another Operator	Enables multiple operators to be specified. The currently identified operator is added to a list and the Badge/PSM# field is cleared to make room for another entry.

The alarm will immediately activate, displaying the issued warning.



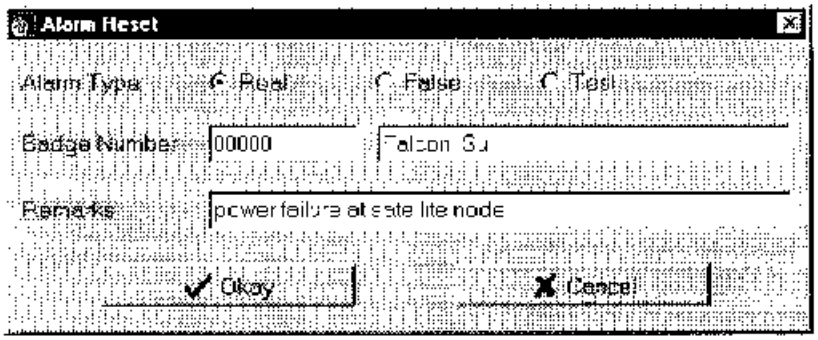
Alarm screen resulting from Warn Operator menu command

Several buttons are found on the Alarm screens. Only attendants or supervisors may utilize these features by entering their badge number when prompted.

BUTTON	DESCRIPTION
Reset	Reset a specific alarm by selecting it on the Alarm screen.
Reset All	Reset all alarms currently activated.
Quiet	Turn off the alarm siren and strobe light at the console.
Voice	Talk to a selected PSM operator.
Log off	Reset an alarm by logging off a PSM operator.
Minimize	Minimize the alarm screen. Doing so makes the screen available again by clicking on the Alarm pull down menu. (See Checking Alarm Status, page 4-103)
Operator Comments	Free-form comments previously entered in the Emergency Instructions tab page of the User File.
Locations Comments	Free-form comments previously entered in the Emergency Instructions tab page of the Locations File.
Console Comments	Free-form comments previously entered in the Emergency Instructions tab page of the Console File.

Warn-Operator(s)>Alarm! Screen>Alarm Reset screen

The Reset, Reset All, and Logoff buttons all bring forth the Alarm Reset Screen.

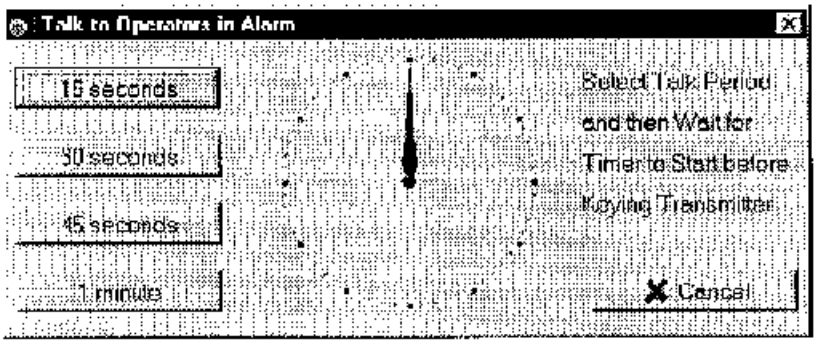


Alarm Reset screen

FIELD	DESCRIPTION
Alarm Type: Real, False, or Test	The attendant or supervisor can indicate with a radio button the type of alarm in effect. The alarm status will be reflected in the Alarm Log report.
Badge Number/Name	A unique identifier associated with the user, explicitly referring to the ID number printed on the employee's badge. Any unique code can be assigned to users should actual badge numbers not be in use.
Remarks	Brief, free-form comments regarding the nature or circumstances of the alarm. Remarks will be reflected in the Alarm Log report.

Warn-Operator(s)>Alarm! Screen>Talk to Operators in Alarm screen

The Voice button brings forth the Talk to Operators in Alarm screen.



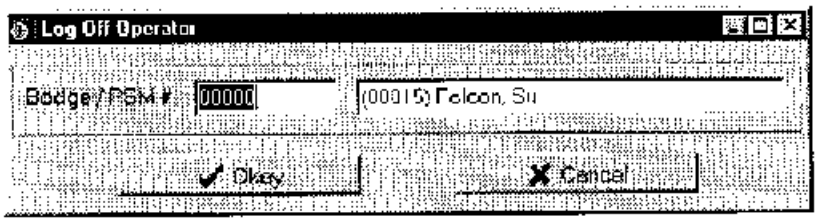
Talk to Operators in Alarm Screen

15 seconds	Initiates the process of establishing broadcast audio contact with the selected operator(s), switching PSMs into audio mode for a maximum of 15 seconds.
30 seconds	Initiates the process of establishing broadcast audio contact with the selected operator(s), switching PSMs into audio mode for a maximum of 30 seconds.
45 seconds	Initiates the process of establishing broadcast audio contact with the selected operator(s), switching PSMs into audio mode for a maximum of 45 seconds.
1 minute	Initiates the process of establishing broadcast audio contact with the selected operator(s), switching PSMs into audio mode for a maximum of 60 seconds.

Warn-Operator(s)>Alarm! Screen>Log Off Operator screen

The Log Off button brings forth the Log Off Operator screen, which allows an attendant to terminate polling of an operator's PSM (e.g., at the end of the user's work shift when safety monitoring is no longer necessary).

The PSM and sensor (if attached) should be returned to the monitoring console to which they belong for battery recharging.



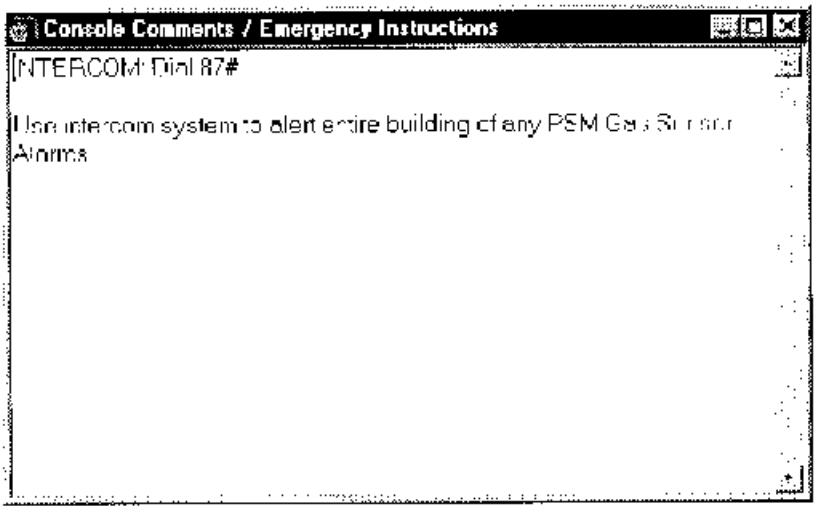
Log Off Operator screen

The Operator Comments, Location Comments, and Console Comments buttons all bring forth Emergency Information, taken directly from their File maintenance screens.

(See System>Users>Users on File grid>Users File screen>Emergency Instructions, page 4-29)

(See Locations>Locations on File grid>Locations File screen>Emergency Instructions, page 4-24)

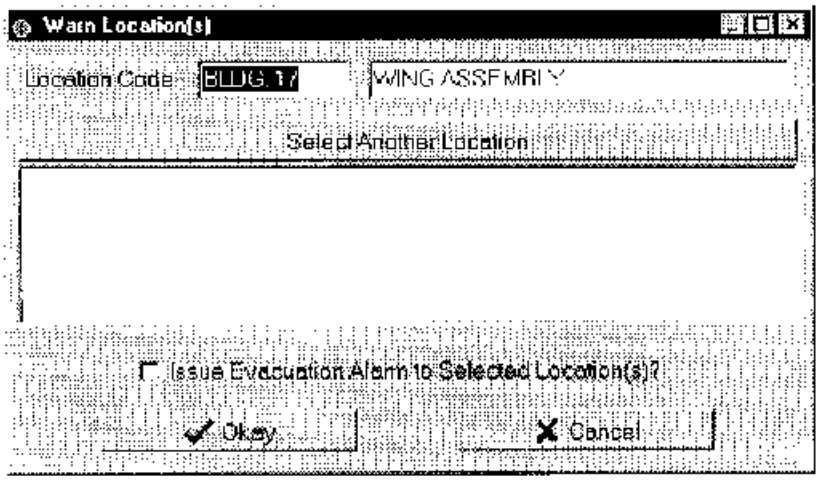
(See System>Consoles>Consoles on File grid>Consoles File screen>Emergency Instructions, page 4-15)



Example of a Comments / Emergency Instructions screen accessible during an alarm

Warn>Warn Location(s)

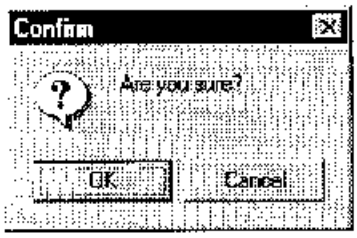
The Warn Location(s) screen provides the capability to trigger warning signals (alarms) on the PSMs of all PSM operators in one or more locations.



Warn Location(s) screen

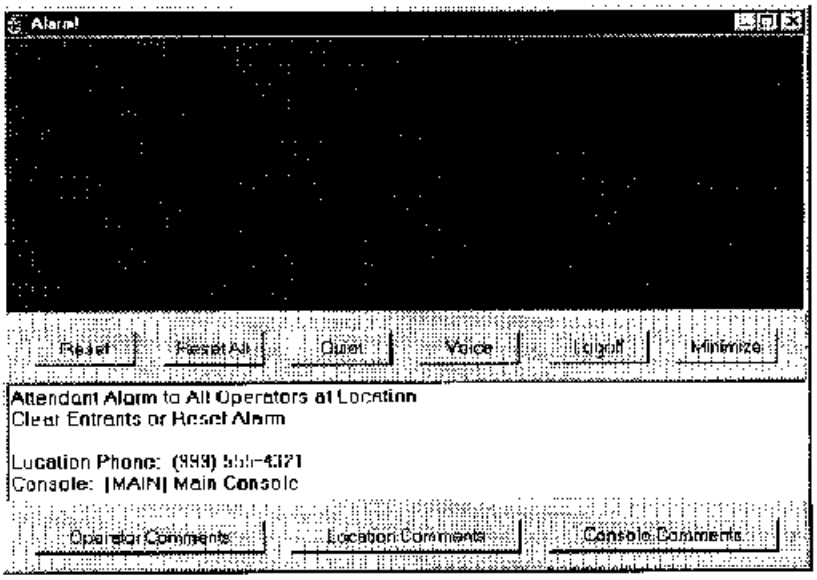
FIELD	DESCRIPTION
Location Code/ Description	The location at which all PSM operators are to be warned.
Selected Location List	Displays all locations to which warning signals are to be transmitted.

BUTTON/BOX	DESCRIPTION
Select Another Location	Enables multiple locations to be specified. The currently identified location is added to a list and the Location ID field is cleared to make room for another entry.
Issue Evacuation Alarm to Selected Locations?	Checking this box sends the evacuation signal to all PSM operators at the location. The Evacuation Alarm has a distinctly different Morse code signal than other alarms. A prompt will appear upon checking this box, confirming that you wish to evacuate the area.



Warn Location Evacuation confirmation screen

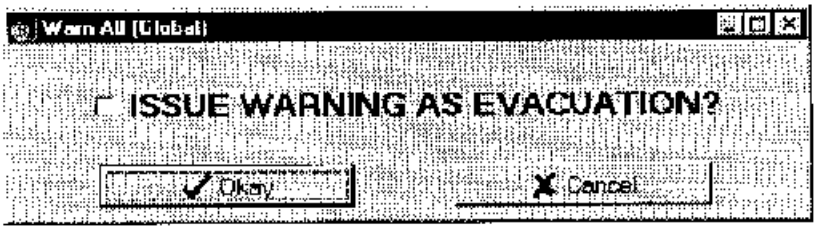
The alarms will immediately activate, displaying the issued warning.



Alarm screen resulting from Warn Location menu command

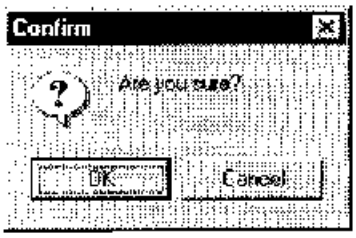
Warn>Global

The Warn Global screen provides the capability to trigger warning signals (alarms) on the PSMs of all PSM operators in all locations monitored by one or more monitoring consoles.

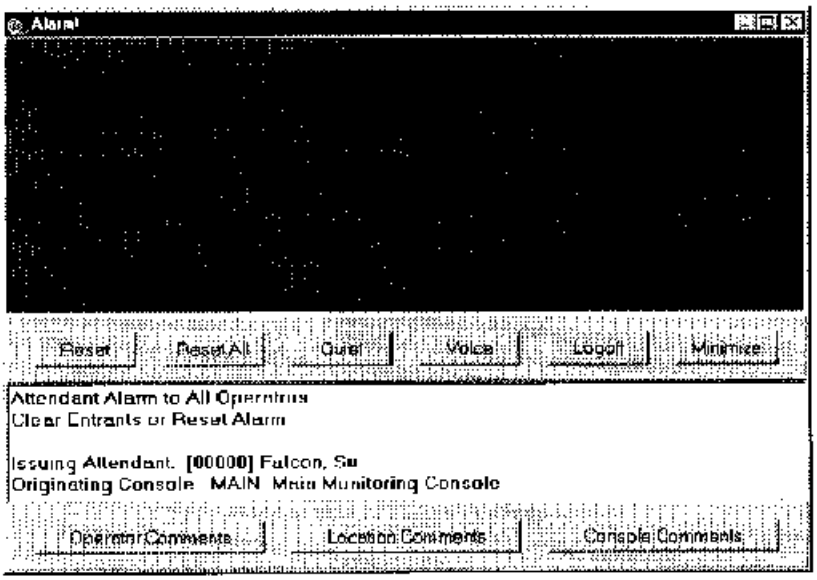


Global (Warn All) screen

Checking the Issue Warning as Evacuation box brings forth a prompt, requesting confirmation that you wish to evacuate the area.

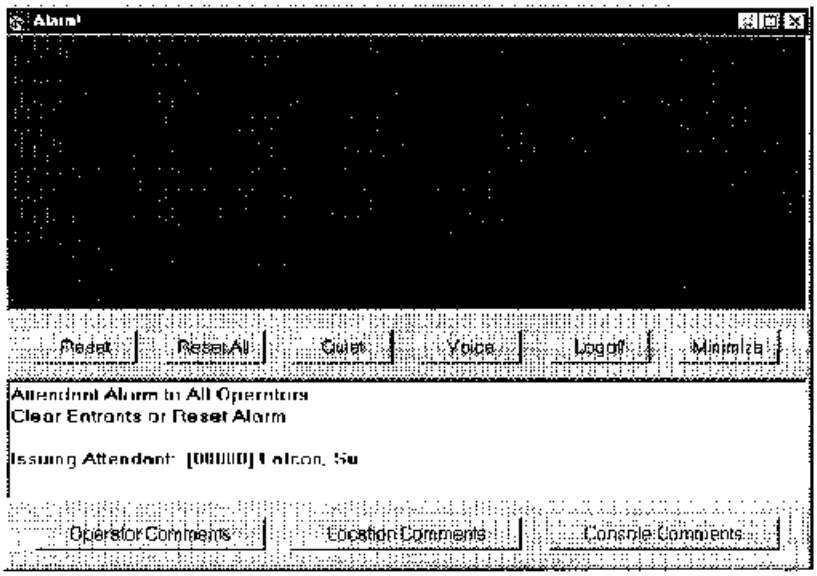


Warn Location Evacuation confirmation box



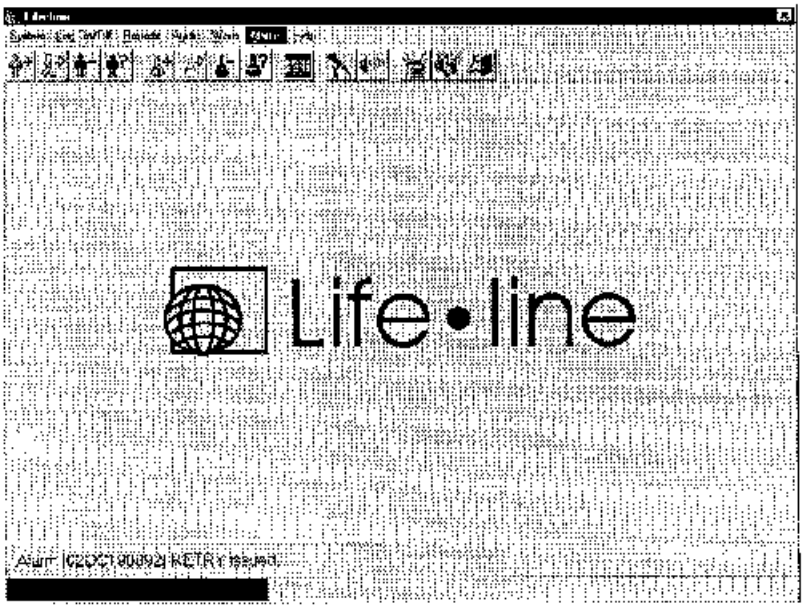
Resulting Evacuate All (Global) Alarm screen

Not checking the Issue Warning as Evacuation box and clicking okay brings forth a Warning All (Global) Alarm screen.



Alarm screen resulting from Global (Warn All) menu command

Checking Alarm Status

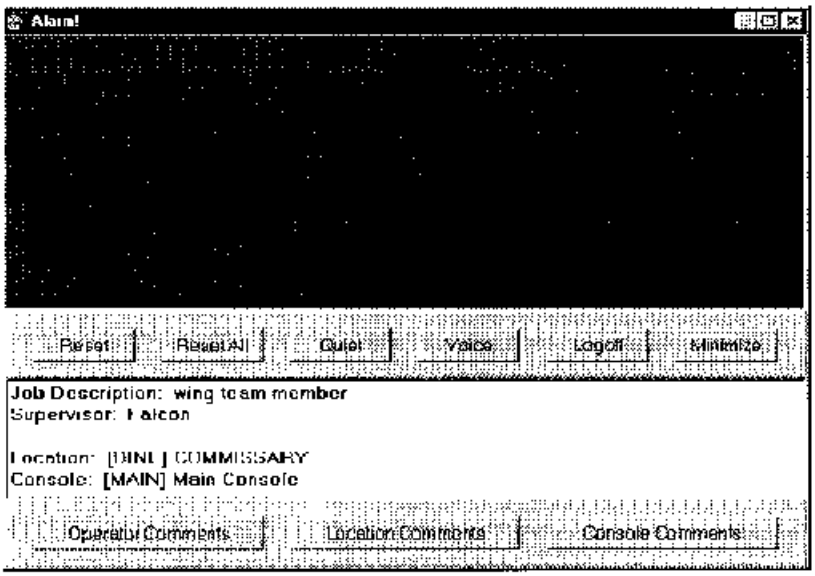


Navigating to the Alarms menu

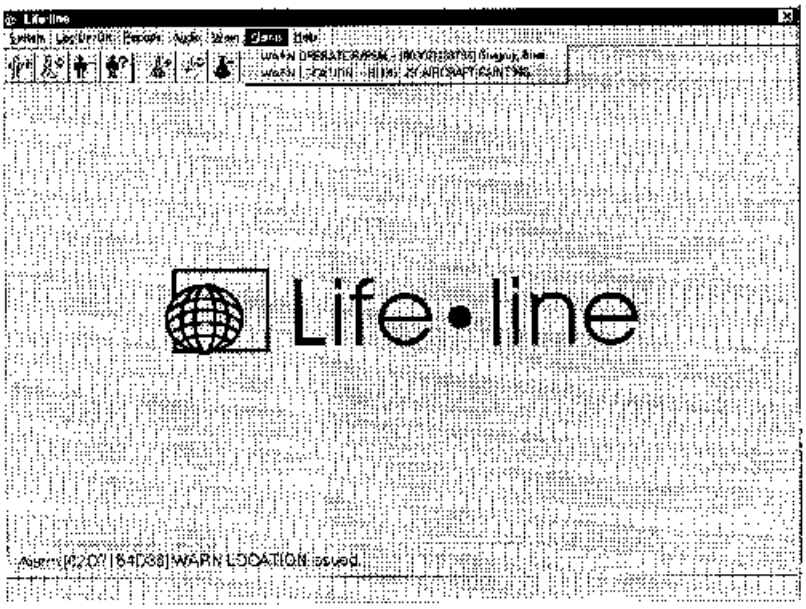
Alarms>(various)

When the Life•line system is in an alarm mode, an Alarm menu is added to the menu bar.

Once an alarm has been issued and the alarm display screen has been minimized, the attendant can pull down the alarm menu to see what alarms are currently in effect, or to maximize the alarm screen, where further action may be taken.

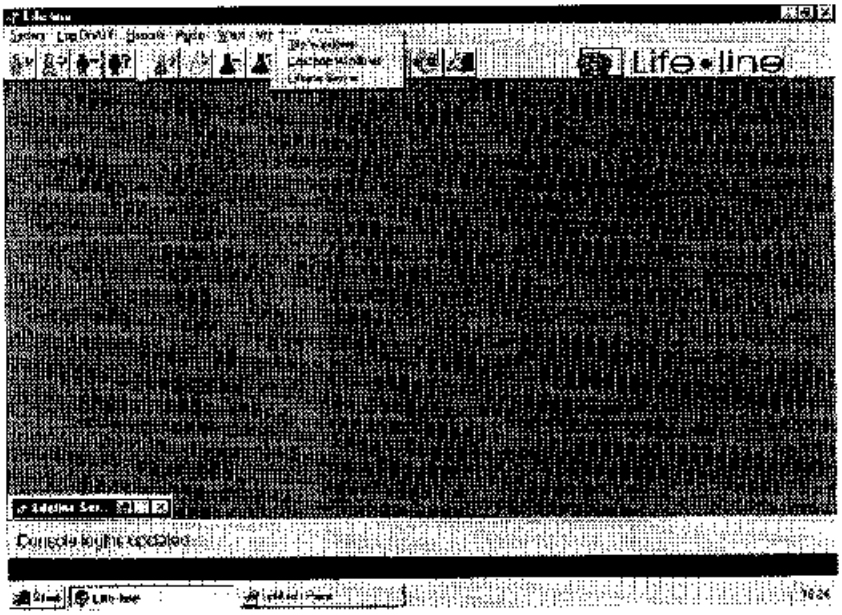


Alarm screen before being minimized



Life•line Main screen showing Alarm menu, reflecting alarms currently in effect

Window



Navigating to the Window menu (Networked system)

Window>Tile Windows

To display open windows in Tile Window view, select Tile Windows on pull down menu. All open windows will display in Tile Horizontal fashion with the active window on top.

Note: All minimized windows will not be displayed.

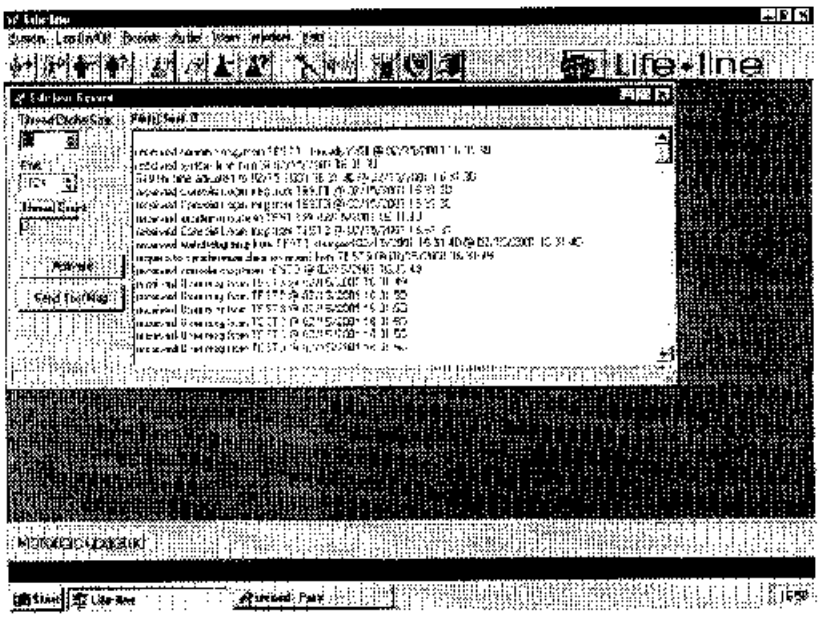
Window>Cascade Windows

To display open windows in Cascade Window view, select Cascade Windows on pull down menu. All open windows will display in Cascade fashion with the active window on top.

Note: All minimized windows will not be displayed.

Window>Lifeline Server

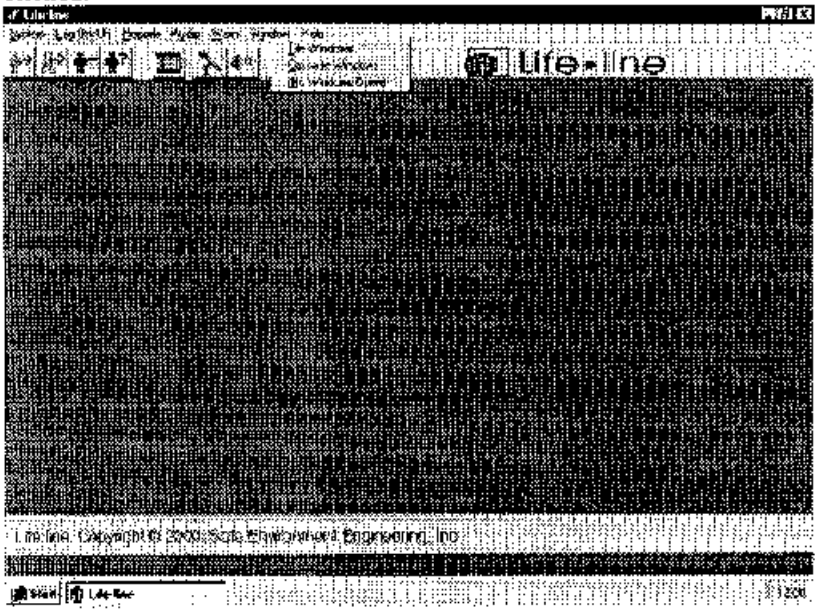
If system is Networked this window will display communications between server master (console) and other consoles from the server master. From the other consoles it will only show communications between that console and the server master.



Window displaying communications between console and server master

Window>(No Window Open)

If system is a stand alone (not networked) the (No Window Open) will display. This is not an active window. No action will follow if this is clicked.

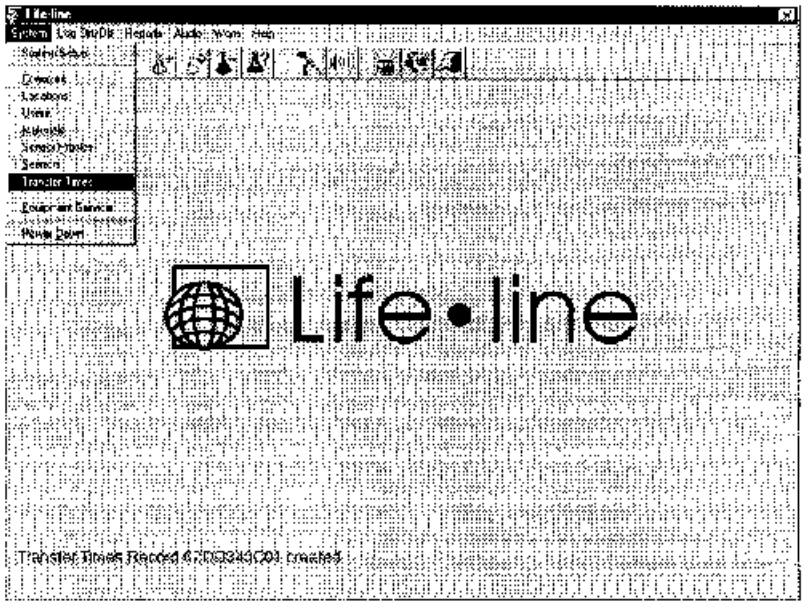


Navigating to the Window menu (Stand alone system)

Section Five: Networked System Features

If the Life•line system is networked (i.e. at least one server and one or more polling consoles), there will be additional menu items, speed buttons, and reports are available in the Attendant software system.

Establishing Transfer Times



Navigating to the Transfer Times menu

The Transfer Times menu selection allows the Attendant to review, maintain, and, if authorized, enter and edit information concerning transfer times between consoles and locations provided coverage by the Life•line system.

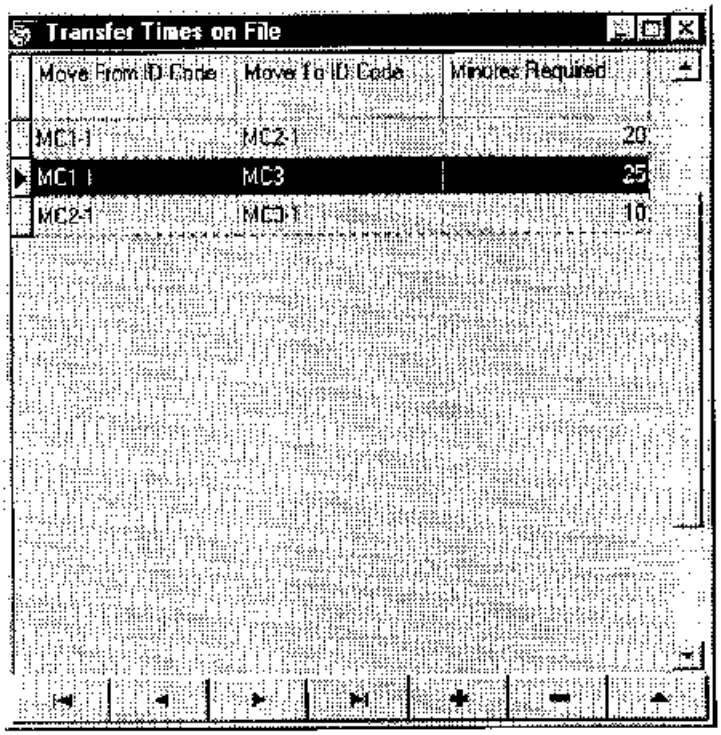
Two screen levels compose the data entry/edit facility:

- Transfer Times on File grid
- Transfer Times File screen

System>Transfer Times>Transfer Times on File grid

The Transfer Times on File grid is presented upon menu pull-down. Much of the information presented here is summarized data that has been entered via the Transfer Times File (see below).

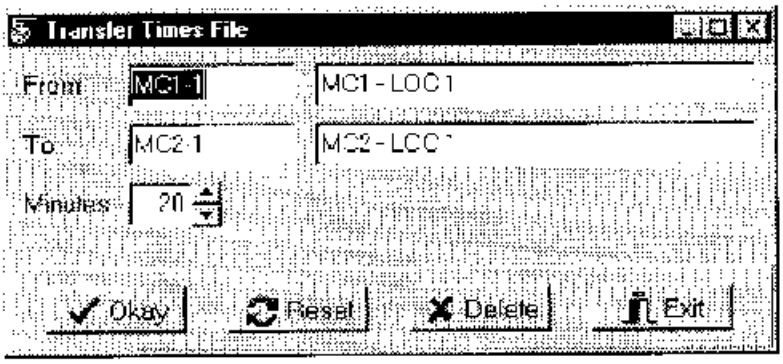
The Transfer Times are displayed in alphabetical order, based on the ID Code of the "Move From" location involved in the transfer. The grid must be scrolled left or right to present all available data.



Transfer Times on File grid

System>Transfer Times>Transfer Times on File grid>Transfer Times File screen

The Transfer Times File provides for the entry, maintenance, and review of information regarding the Transfer Time(s) between consoles and locations provided coverage by the Life•line system.



Transfer Times File screen

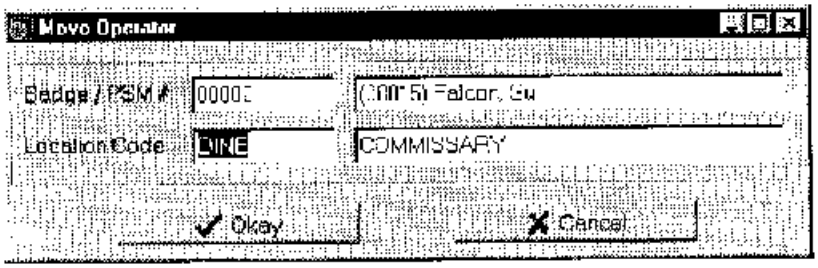
This screen contains fields that identify the location from which the transfer begins, the location at which the transfer ends, and the time it takes to move between the locations (the user determines this time period).

FIELD	DESCRIPTION
From	The monitoring console or location from which the transfer will begin.
To	The monitoring console or location at which the transfer will end.
Minutes	The number of minutes allotted for the transfer to take place.

Moving Operators (Roaming)

A networked system allows operators to move to a console using a different frequency than the console where he logged in. This is called *roaming*.

The Move Operator screen allows PSM operators to be relocated from the control of one console to any other console tied into the network.



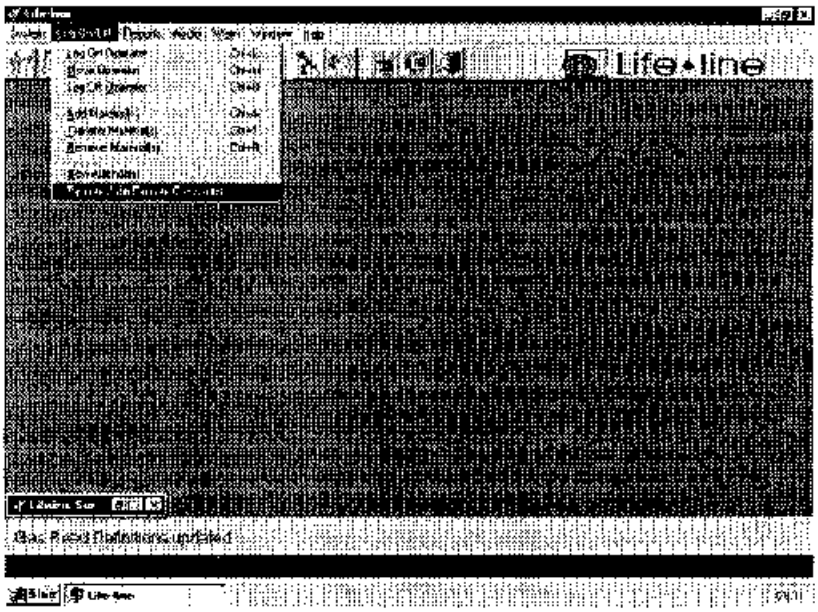
Move Operator screen

FIELD	DESCRIPTION
Badge/PSM#/Name	The PSM operator logged on to the Life•line system who is to be relocated.
Location/Description	The location to which the operator is relocating.

Once the Move Operator function is initiated, the operator's PSM will be switched to the radio frequency used by the next console. The PSM will temporarily be put into Lunch mode, to cover the travel time between consoles. (See System>System Setup>Configuration, page 4-2, and Establishing Transfer Times, page 5-1)

At the end of the pre-determined Lunch period, the PSM will once again enter the poll cycle, and will automatically be polled by the new console.

Remoting and Un-remoting the Consoles



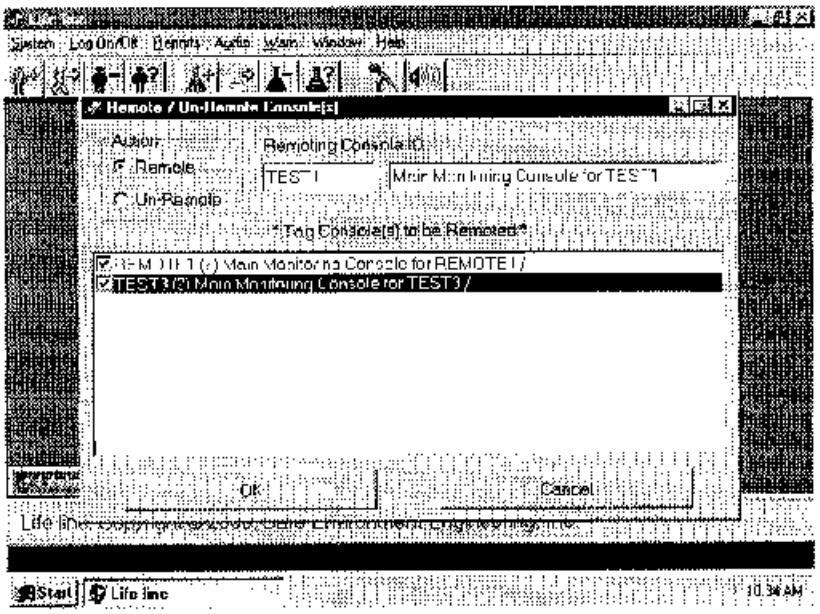
Navigating to the Remoting Consoles and Un-Remoting Consoles menu

The Remote Console(s) and Un-Remote Console(s) menu selections allow for the polling, materials and operators tracking, and log-on / log-off responsibilities of a console to be transferred to another console.

Log On/Log Off>Remote Console(s)

The Remote Consoles screen allows a console to be "tagged" for remoting by checking the box to the left of the description. Once tagged, a console will relinquish its responsibilities to the console that has established the Remote relationship.

NOTE: A console will always be displayed as being remoted to itself unless or until it is remoted to another console.

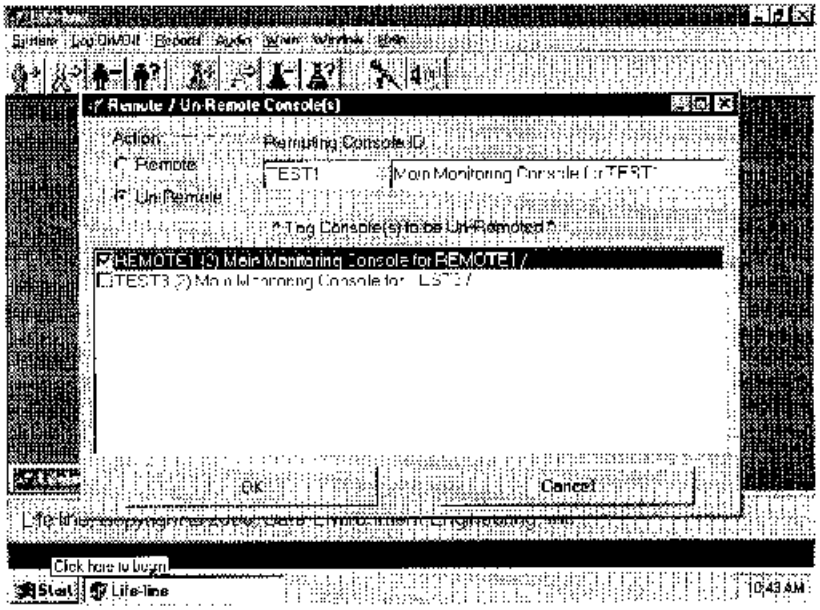


Remote Console(s) check box

FIELD	DESCRIPTION
Remoting Console ID	The console that will be taking responsibilities for any consoles tagged for remoting. NOTE: The consoles presented for remoting are only those consoles not already remoted.

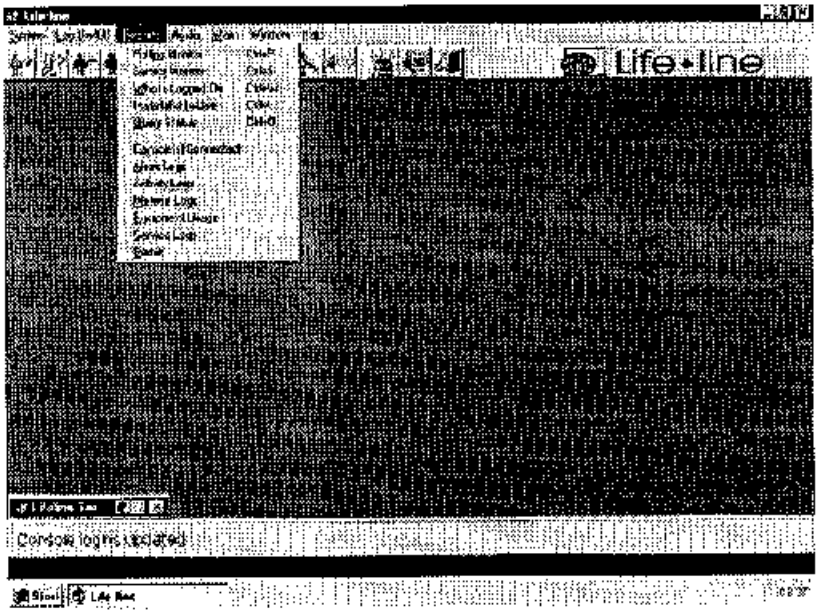
Log On / Log Off>Un-Remote Console(s)

The Un-remote Console(s) screen allows a console to be "tagged" for unremoting by checking the box to the left of the description. Once tagged, a console will reclaim its responsibilities.



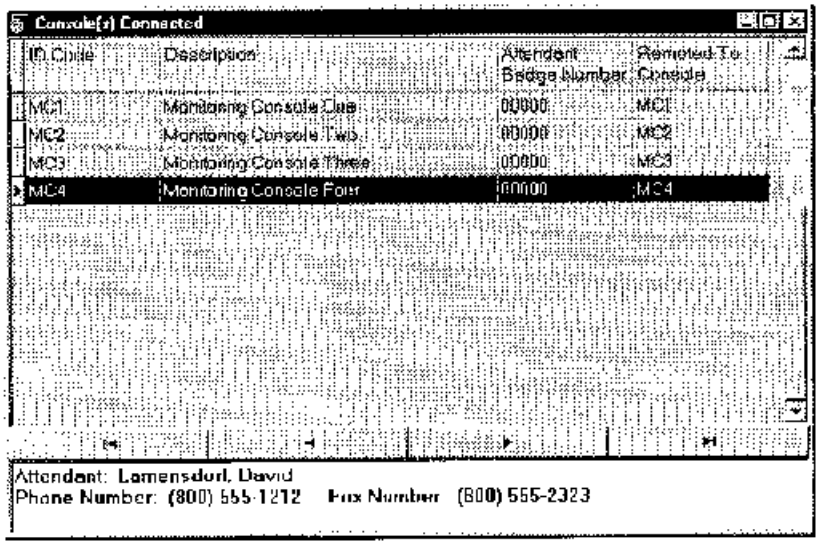
Un-Remote Console(s) screen

Generating Console Reports



Navigating to the Reports menu

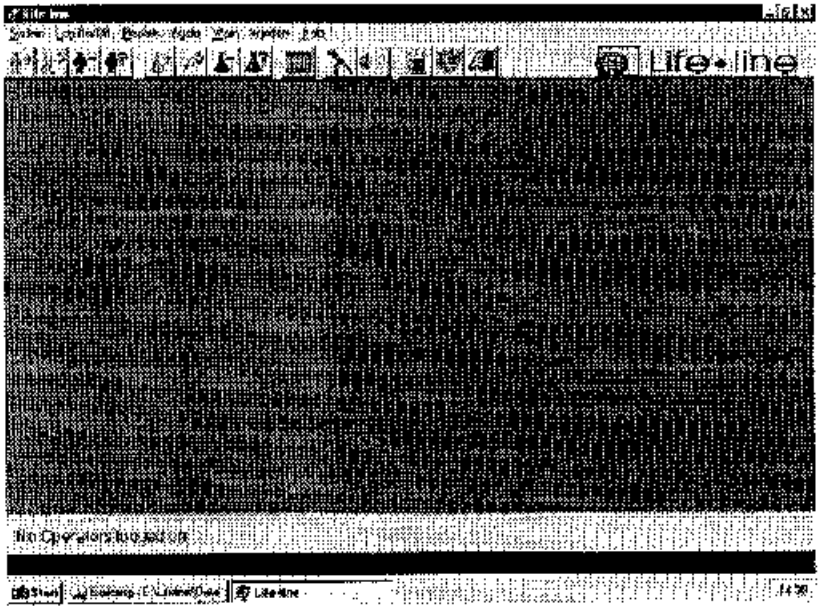
Life•line can display a report detailing which consoles are connected to the server, and which attendants are on duty. Much of the information appearing in and below the report grid is taken from the Consoles File.



Console(s) Connected report grid

FIELD	DESCRIPTION
ID Code	The unique identifier associated with a monitoring console.
Description	The free-form description associated with a monitoring console.
Attendant Badge Number	The unique identifier associated with the attendant in charge of a monitoring console.
Remoted to Console	The console to which responsibilities have been delegated. NOTE: A console will always be displayed as remoted to itself unless and until it is remoted to another console.

Establishing Two Way Audio Connections with Consoles

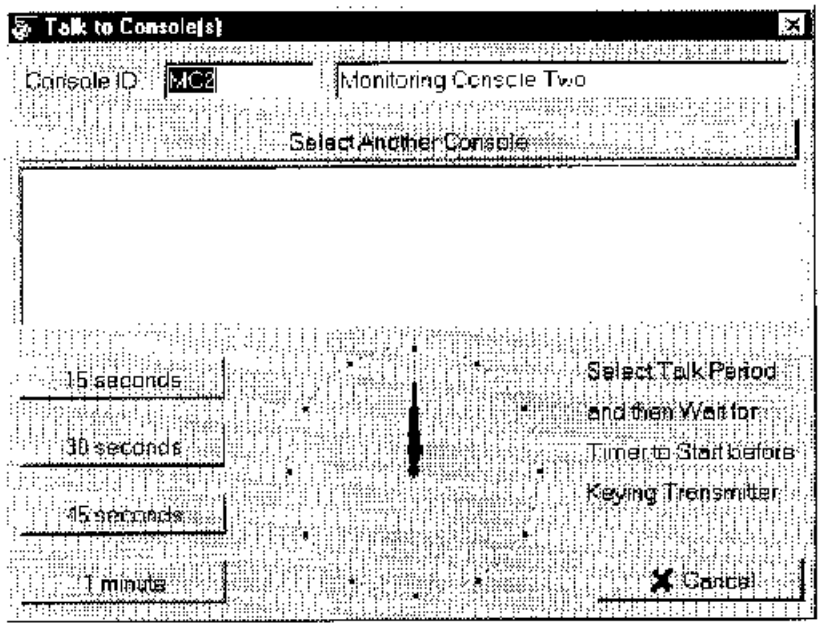


Navigating to the Audio menu

If the Life•line system is configured as a network, it is possible to establish two-way audio connections with individual or groups of consoles.

Audio>Talk to Consoles(s)

The Talk to Consoles(s) screen provides the capability to establish audio contact with and broadcast to one or more consoles.



Talk to Console(s) screen

FIELD	DESCRIPTION
Console ID/Description	The console to contact.

BUTTON	DESCRIPTION
Select Another Console	Enables multiple consoles to be specified. The currently identified console is added to a list and the Console ID field is cleared to make room for another entry.
Selected Console List	Displays all consoles with which broadcast audio contact is to be established.
15 seconds	Initiates the process of establishing broadcast audio contact with the selected consoles, switching them into audio mode for a maximum of 15 seconds.
30 seconds	Initiates the process of establishing broadcast audio contact with the selected consoles, switching them into audio mode for a maximum of 30 seconds.
45 seconds	Initiates the process of establishing broadcast audio contact with the selected consoles, switching them into audio mode for a maximum of 45 seconds.

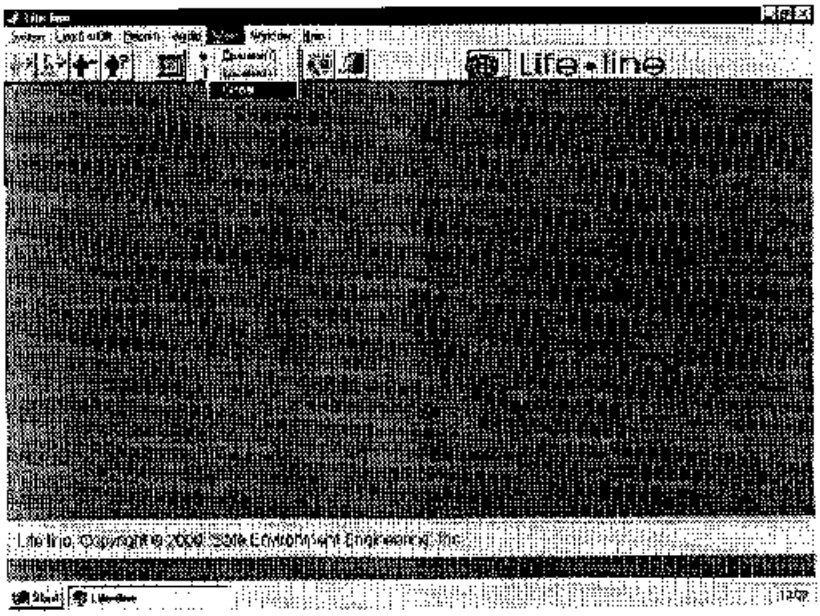
BUTTON	DESCRIPTION
1 minute	Initiates the process of establishing broadcast audio contact with the selected consoles, switching them into audio mode for a maximum of 60 seconds.

Once initiated, the system will wait while contact is established with the selected consoles(s).

The Audio Clock will set itself to the selected period and begin counting down when all possible audio links have been established.

- Begin voice transmission immediately upon clock movement
- Terminate voice transmission immediately upon time expiration

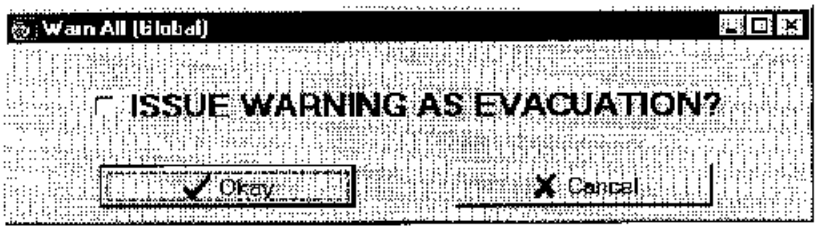
Issuing Warning Global



Navigating to the Warn menu

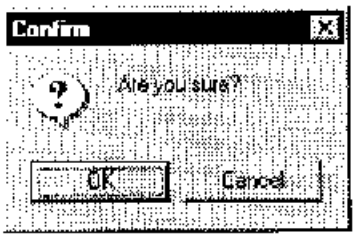
Warn>Global

The Warn Global screen provides the capability to trigger warning signals (alarms) on the PSMs of all PSM operators in all locations monitored by one or more monitoring consoles.

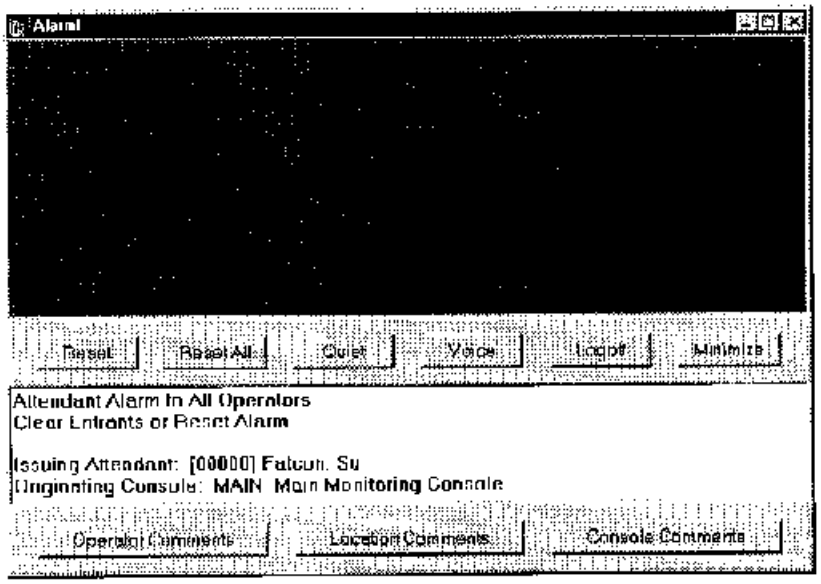


Global (Warn All) screen

Checking the Issue Warning as Evacuation box brings forth a prompt, requesting confirmation that you wish to evacuate the area.



Warn Location Evacuation confirmation box



Resulting Evacuate All (Global) Alarm screen

Not checking the Issue Warning as Evacuation box and clicking okay brings forth a Warning All (Global) Alarm screen.

The alarm will immediately activate, displaying the issued warning.

For more information related to alarm screens and evacuation alarms, see Checking Alarm Status, page 4-103.