

3M™ Know Your Air Software for the Multi-Gas Detector 950 Series - Data logging: View/Edit Lists

When a 950 Series Detector data logging session is started, the operator will be asked to select a USER, AREA and LOCATION from three subsequent LCD screens. The choices made for these variables will be stored with the record of the data logging session (the header to the data file) and may be accessed during report preparation. They are useful in identifying who was operating the detector and where the data was being obtained.

The initial default values stored with the 950 Series Detector are

USER1
AREA1
LOC1.

A “NEW” option on each 950 Series Detector LCD screen allows the operator to enter new descriptions for each of the three variables as part of a data logging session.

The new definitions are registered by a series of button pushes that scroll through the alphanumeric character set. These newly created identifiers are then stored for future reference.

The preferred method for establishing lists for *User*, *Area* and *Location* is to:

- a) define these variables within the 3M Know Your Air software
- b) download these to your detector.

The View/Edit Data Log Lists icon within the 3M Know Your Air's *Data Logging* screen allows for the variables USER, AREA and LOCATION to be pre-set by the operator or supervisor and then transferred to the detector.

USER

A particular operator, or USER will already have his name entered into the 950 Series Detector's memory.

Area

The AREA may be predefined as, for example, the “Tank Farm.”

Location

The LOCATION may be identified for each specific “Tank” that is being studied.

Press, or click on, any area of the View/Edit Data Log Lists icon to access this sub-routine.

As this screen operates independently of the remainder of the 3M Know Your Air program be sure to select the appropriate *IR Port* that is being used to communicate with 950 Series Detector. Once the Port has been identified this feature may no longer appear when this screen is activated.

The maximum number of alphanumeric characters that can be used for each of the variables may be selected, from a minimum of 2 characters to a maximum of 16.

- a) With a smaller allowed number of characters, fewer button presses will be needed on the 950 Series Detector when a NEW entry is being made, however the word length will become restricted.

Each one of the entries in the *Groups Definition* and *Group Members Definition* sections are variables that may be called by any name that is appropriate to your application. When a data logging session is started, the actual user of 950 Series Detector would be able to select his/her name from the list.

In the same way, the *Area Groups*, *Areas*, *Loc. Groups*, and *Locations* may be defined as any collection of useful identifiers that will allow the data log to identify where the samples have been taken.

In order to add, edit or delete a Group or Member:

- a) highlight the selection to be changed
- b) Changes may then be made in the *Buffer* area.
- c) To add a new *Group* or *Member*, press the red + bar next to the appropriate section.

The lower area of the screen allows for transfer of Group Member lists between the PC and 950 Series Detector. Pressing the *Export to* button will result in a change in configuration of the 950 Series Detector.

Note: when the *Export to* button is pressed, all variables within the *Group Members Definition* section will be downloaded to the 950 Series Detector. The *Selected* and *All New* buttons are not active during the exporting operation.

You may import the current lists of USER, AREA and LOCATIONS stored within the 950 Series Detector to the "950 SERIES DETECTOR" sub-routine within 3M Know Your Air software.

Pressing the **All New button** and then the **Import ALL To New Groups button** will import the list that exists in the 950 Series Detector and establish new

Users ID Groups
Area Groups
Loc. Groups

using default names for the imported groups.

At the conclusion of changes to the “950 SERIES DETECTOR” sub-routine press the *Exit* button to return to the *Configuration – Data Logging* page.