



Halma Water Management

PATROLLER

Patroller II Administrator Manual

Patroller II Administrator Manual

MAN-096-0006

Issue B

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IMPORTANT INFORMATION**IMPORTANT INFORMATION**

For standard operation of the Patroller II PDA software, and for technical information of equipments, please refer to the Patroller II User manual MAN-096-0001-I or later issue.

This manual is intended for Administrator usage and it is assumed that the Administrator is familiar with Patroller II PDA software or has read the User's manual (MAN-096-0001).

There is no longer any password access for a normal user. What a normal user could access is now determined entirely by the Administrator. It is important that the Administrator determines what is necessary for the end user to access, and provide access to those features.

Every time the software is upgraded, it is important that "PDA Setup" is enabled by the Administrator to link the Patroller II Interface unit to the correct PDA. A normal user need not ever access this screen. However for convenience, it might be useful to allow a normal user to use the "PDA Setup" icon.

See *Important Procedure to follow for New Installation or Update of CAB file* for more information.

Note: HWM-Water Ltd. SHALL not be liable for any consequential damages, losses, costs or expenses arising from the misuse of this equipment however caused.

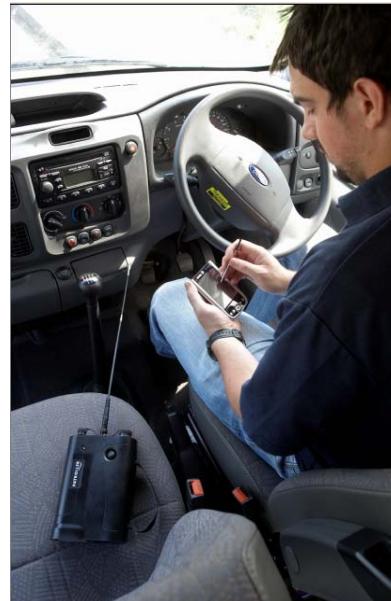
MISC Note: Where Pass-code and Password are mentioned in the document, PASS-CODE equals PASSWORD.

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Important Procedure to Follow for New Installation or Update of CAB file

Important Procedure to follow for New Installation or Update of CAB file

Important: On every installation or update of Patroler II PDA Software, it is important to re-establish the Bluetooth link between the PDA and the Interface unit it is supposed to be connected to. Please refer to the Patroler II User Manual (MAN-096-0001).

Default Main Icons Screen on First Installation

Default Main Icons Screen on First Installation

Figure 1 shows the default user access screen after the first installing 4.4.0.5/4.4.0.6 version of Patroler II PDA Software.



Notice that only the "About..." icon is available here.

For version after V4.4.0X, the application will automatically restore the screen settings permitted by the Administrator and Distributor.

It is up to the Administrator to decide what the user should be able to access via the Administrator Pass-code access only screen.

Figure 1 shows that the only "Menu" option available is that of "Option (Pass-code Access Only)".

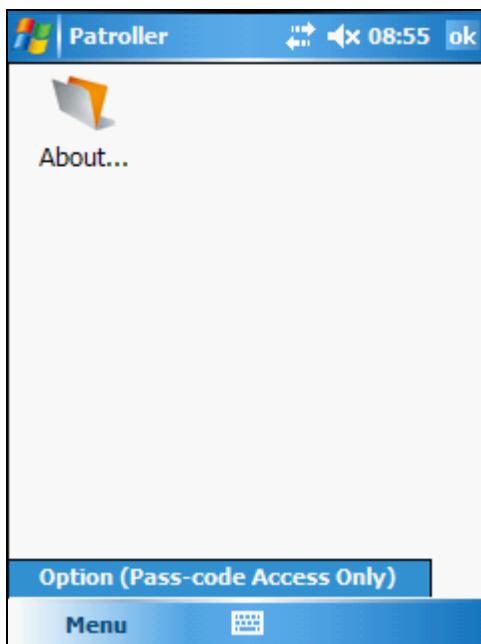


Figure 1: Default User Access Screen on First Installation



Option (Pass-code Access Only)

Option (Pass-code Access Only)

Figure 1 shows the Main Icons screen with one Menu Option “Option (Pass-code Access Only)”.

The default Administrator pass-code is “admin”. It is very important for the Administrator to change the pass-code as soon as the software installation has completed to prevent unauthorized access to the software and its database.

Pass-code Screen

On clicking the menu option shown in Figure 1, the Pass-code access screen will come into focus as shown in Figure 2.

Enter the Administrator pass-code. The default Administrator’s pass-code is “**admin**”. However if you have already changed the pass-code, please use your own pass-code.

It is important to note that pass-codes are case sensitive.

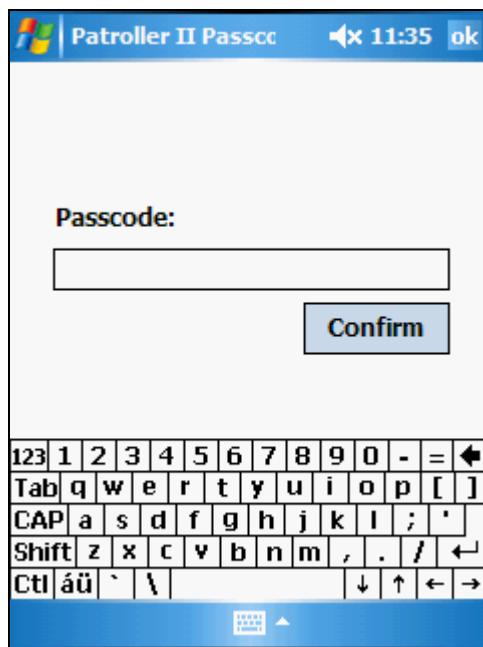


Figure 2: Pass-code Screen

Administrator Pass-code Access Only Screens

Administrator Pass-code Access Only Screens

On successfully entering the correct Administrator's pass-code, the PDA screen will be taken to the Administrator Pass-code Access Only Screens.

In this screen, there are by default only two tab pages:

- Features
- Password

Additional tab pages will appear if an item checked in the "Features" Tab page contains additional tab pages.

Password Tab Page

The password tab page shown in Figure 3, allows the Administrator to change the login password/password of the Administrator.

It is important that the Administrator:

1. Knows the original Administrator's password.
2. Remembers the new password

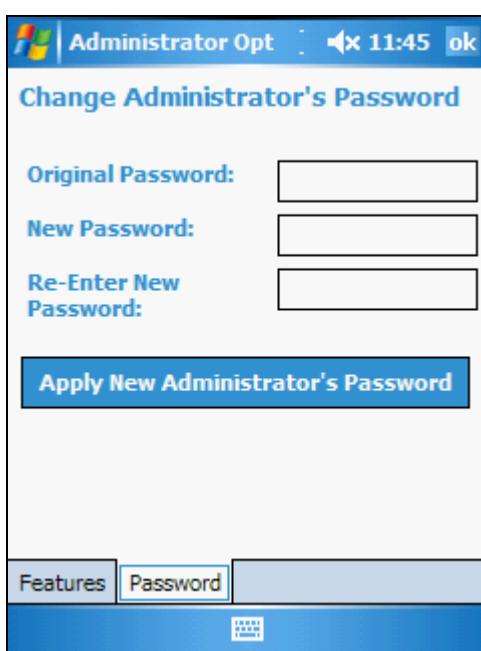


Figure 3: Change Administrator's Password

Default Administrator Password

The default Administrator password is “**admin**”

(Note that password is case sensitive and NULL entry is not permitted.)

Forgotten Administrator Password

Two options available:

1. Please contact the Distributor/s in your country of origin to reset the Administrator password.
2. Alternatively please contact HWM-Water Ltd (Palmer Environmental) to reset your Administrator's password.

Features Tab Page

Features Tab Page

The Features tab page shown in *Figure 4*, allows the Administrator to determine what a normal user is allowed to access.

Example: If the normal user's task for the day is just to Patrol, it is unnecessary for him to have access to the remaining features in the PDA.

Restriction is in place to prevent unauthorized changes to the database by an untrained user. Also there is no need for the normal user to learn the entire application if all they could access are the same few icons that they use on a daily basis.

For details for what individual features when enabled perform in the Main Icons Screen, please refer to MAN-096-0001.

Table 1 shows the icons that could be shown on the Main Icons Screen for each check box checked in the Administrator's Features Tab page.

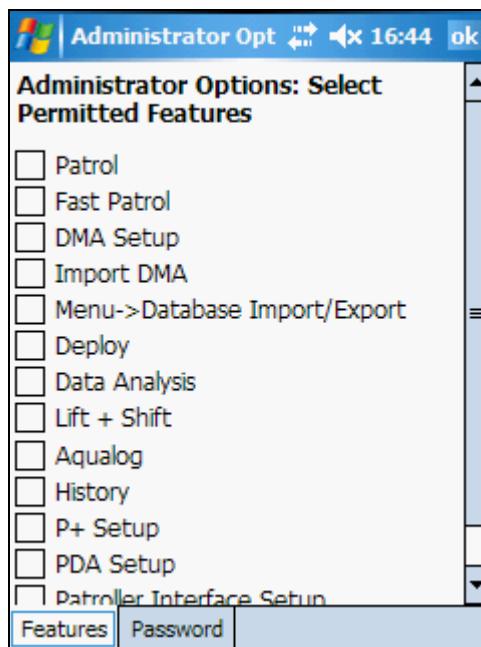


Figure 4: Administrator's Features Options

Features Tab Page

Table 1: Patroler Icons

- | | |
|---|--|
|  | Patrol - Main screen for carrying out patrol |
|  | Deploy - Deploy single and multiple Permalog's. |
|  | DMA Setup- Add, edit and delete DMA information. |
|  | Data Analysis - View logger information and status. |
|  | PDA Setup - Select Patroller unit being used. |
|  | Patroller Setup - Configures the Interface unit. |
|  | Lift + Shift - Configures Lift + Shift Mode. |
|  | P+ Setup - Configures Permalog Plus options. |
|  | Import DMA - Imports previously saved DMA information. |
|  | History - Download Level and Spread/Histograms. |
|  | Aqualog - configures Aqualog Mode. |
|  | About - Displays current software version. |
|  | Fast Patrol - Select database and Patrol. |
|  | Permalog (COWL) |

Features Tab Page: Administrator Features with no Additional Options Tab

Administrator Features with no Additional Options Tab

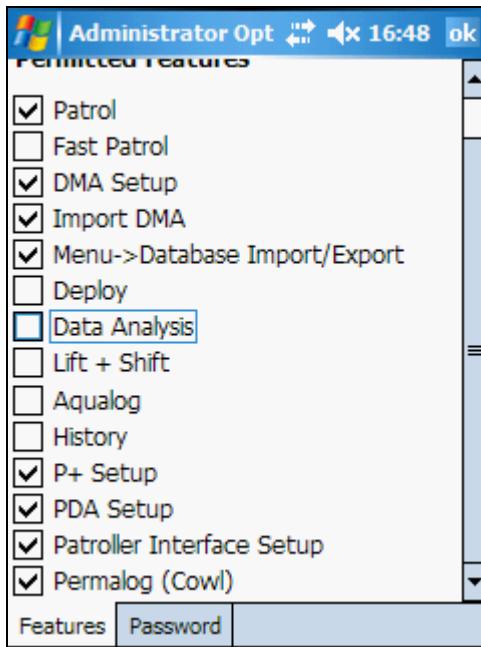


Figure 5: Administrator Features with no Additional Options Tab

Figure 5 shows the Administrator features with no additional options tab.

Administrator permitted features with no additional tab includes:

1. Patrol
2. DMA Setup
3. Import DMA
4. Menu->Database Import/Export
5. P+ Setup
6. PDA Setup
7. Patroller Interface Setup
8. Permalog Cowl

See *Table 1* to find out which icons will appear on the Main Icons screen for the above Administrator permitted features.

Note: Menu->Database Import/Export has no icon to represent it.



Features Tab Page: Administrator Features with Additional Options Tab

Administrator Features with Additional Options Tab

See *Figure 5*, unchecked features boxes contain additional Options Tabs.

Administrator permitted features with additional tabs includes:

1. Fast Patrol
2. Deploy
3. Data Analysis
4. Lift + Shift
5. Aqualog
6. History

See *Table 1* to find out which icons will appear on the Main Icons screen for the above Administrator permitted features.

The remainder of the Administrator's manual will focus on:

1. Administrator Permitted Features with Additional Options Tabs.
2. Default settings for each Additional options tab.
3. And how the settings affect the end-user in the main application.

Administrator Option: Menu->Database Import/Export

Administrator Option: Menu->Database Import/Export

This option allows the user to use the menu option to import Permalog CSV file into the database. This option also allows the end user to export a particular DMA into Permalog CSV file format.

When [Menu->Database Import/Export](#) is unchecked, the Main icons screen will look like *Figure 6*.

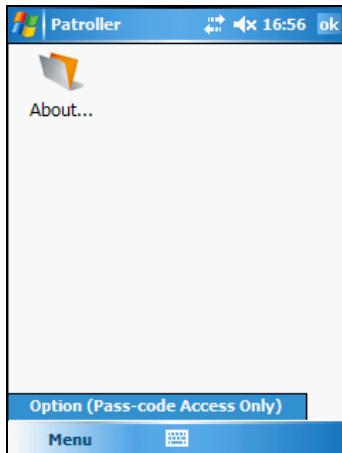


Figure 6: Administrator Menu->Database Import/Export Unchecked

When [Menu->Database Import/Export](#) is checked, the Main icons screen will look like *Figure 7*.

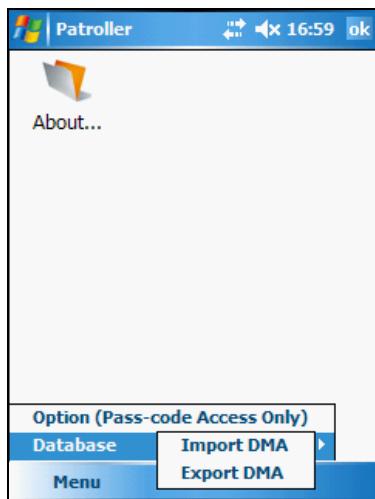


Figure 7: Administrator Menu->Database Import/Export Checked


Administrator Features Default Settings: Fast Patrol Additional Options Tab


Administrator Fast Patrol Options Tab

Default options as shown in *Figure 8*. *Figure 9* shows what the end-user will see on the Fast Patrol Screen with the Administrator's default option applied.

Table 2: Administrator Fast Patrol -> Check boxes default configuration

Fast Patrol Additional Options	Check Box Default Status
Export Data -> All	Unchecked
Export Data -> Today	Checked

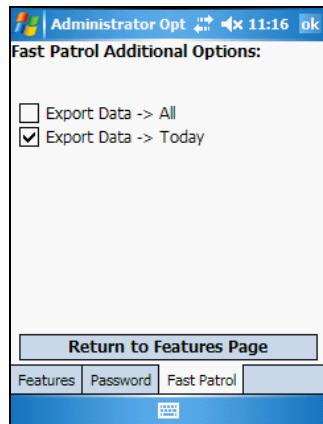


Figure 8: Administrator Fast Patrol Additional Options

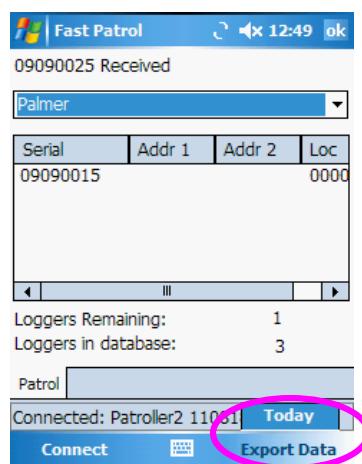


Figure 9: Fast Patrol screen with default Administrator's options

 Administrator Features Default Settings: Deploy Additional Options Tab **Administrator Deploy Options Tab**

Default options as shown in *Figure 10*. *Figure 11* shows what the end-user will see on the Deploy Screen with the Administrator's default option applied.

Table 3: Administrator Deploy -> Check boxes default configuration

Deploy Additional Options	Check Box Default Status
Allow Logger Deletion	Unchecked
Set P+ Clock on Deploy	Unchecked

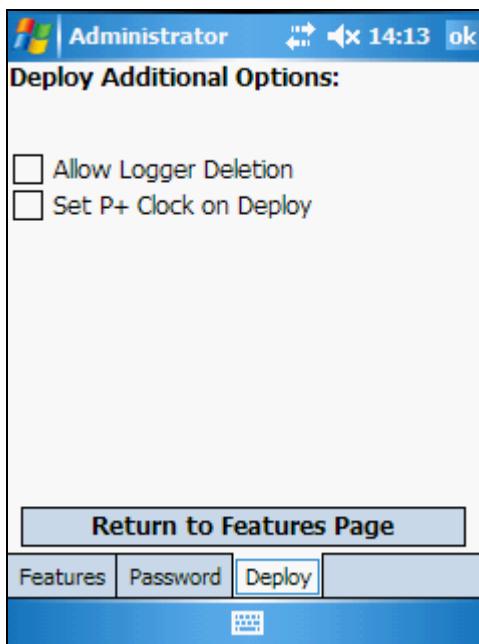


Figure 10: Administrator Deploy Additional Options

See *Figure 11* to know where in the Deploy screen Administrator permitted features affect.

Set P+ Clock on Deploy

If the Administrator this option, on deploying the P+ logger, the Interface unit will automatically send a radio message out to the P+ being deployed to set the logger Real-time clock. And in the Deploy screen, the user will be permitted to manually establish connection between the Patroller II Interface unit and the PDA, if the connection is not already established.

Should the Bluetooth connection between the PDA and Patroller Interface unit be established, but the Administrator has not this option, the P+ Clock will not be set on Deploy.

Administrator Features Default Settings: Deploy Additional Options Tab

Allow Logger Deletion

If the Administrator this option, on deploying the P+ logger, the “Delete” menu option in the “Permalog Details” screen will be enabled.

The Permalog Details Screen is a sub screen of the Deploy screen. See Figure 11.

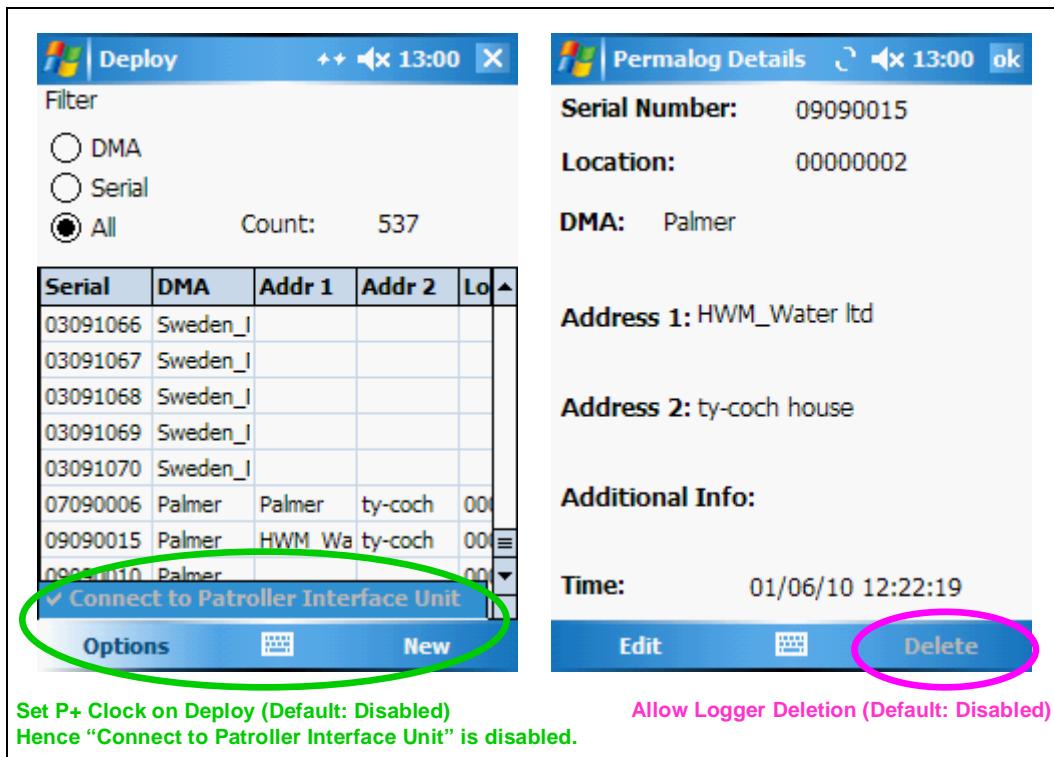


Figure 11: Deploy screens with default Administrator's options

 **Administrator Features Default Settings: Data Analysis Additional Options Tab**

 **Administrator Data Analysis Options Tab**

Default options as shown in *Figure 12*. *Figure 13* shows what the end-user will see on the Data Analysis Screen with the Administrator's default option applied. In the default case, the Menu option "Database Maintenance" is disabled.

Table 4: Administrator Data Analysis -> Check boxes default configuration

Data Analysis Additional Options	Sub-menu items	Check Box Default Status
Menu -> Database Maintenance	Delete Logs	Unchecked
Menu -> Database Maintenance	Delete Logs by Serial	Unchecked
Right-click & hold Context Menu Options	Show Logger Information	Checked (Checkbox disabled. Not configurable at present.)

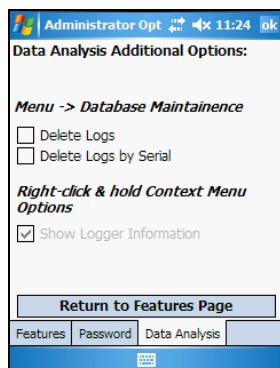


Figure 12: Administrator Data Analysis Additional Options

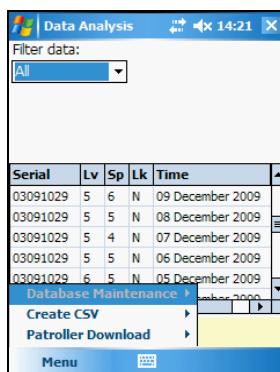


Figure 13: Data Analysis screen with default Administrator's options

Administrator Lift + Shift Options Tab

Default options as shown in *Figure 14* for both *Table 5* & *Table 6*. *Figure 15* shows what the end-user will see on the Lift + Shift Screen with the Administrator's default option applied. In the default case only the menu option for "Export Data -> Today" is enabled.

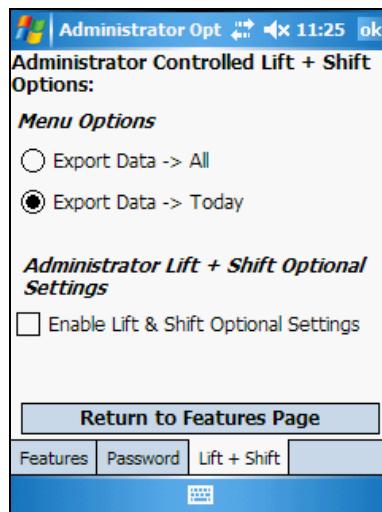


Figure 14: Administrator Lift + Shift Additional Options

Table 5: Administrator Lift + Shift -> Radio Buttons default configuration

Lift + Shift Additional Options	Sub-menu items	Radio Button Default Status
Menu Options	Export Data -> All	Unchecked
Menu Options	Export Data -> Today	Checked

Table 6: Administrator Lift + Shift -> Check boxes default configuration

Lift + Shift Additional Options	Check Box Default Status	Additional information
Enable Lift & Shift Optional Settings	Unchecked	If checked, L+S Optional Tab will become available as shown in Figure 16.

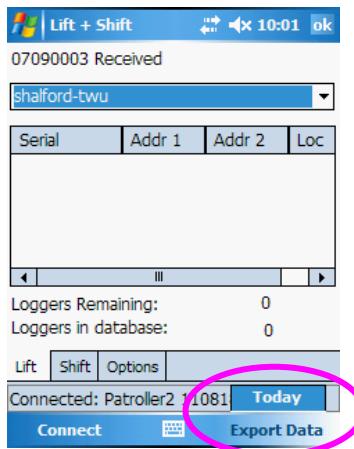


Figure 15: Lift + Shift screen with default Administrator's option (Only Export Data->Today is enabled)

Administrator Lift + Shift Optional tab page (Visible when “Enable Lift & Shift Optional Settings” is checked in “Lift + Shift” tab page)

Default options as shown in *Figure 16* for *Table 7*. With the exception of the option “Change Logger Setup After Lift”, none of the options on this screen affect how the Lift + Shift screen is displayed to the end user.

Check the checkbox option for “Change Logger Setup After Lift” and return to the user accessible Lift + Shift Screen (See *Figure 17*). Notice that unlike *Figure 15*, which had three tab pages, there are now two additional tab pages for “Patrol Window” and “Logging Days”.

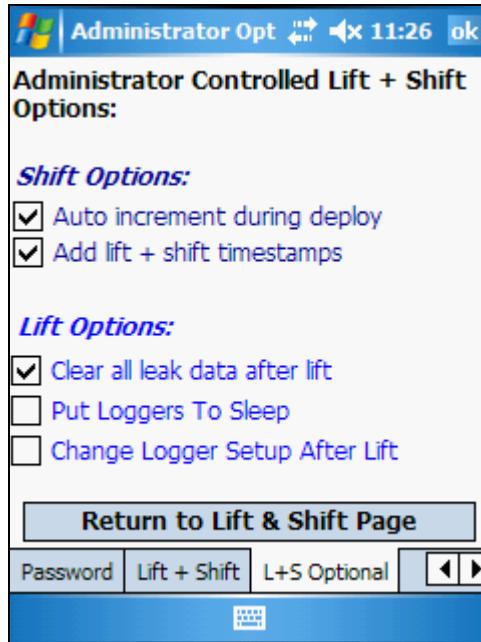
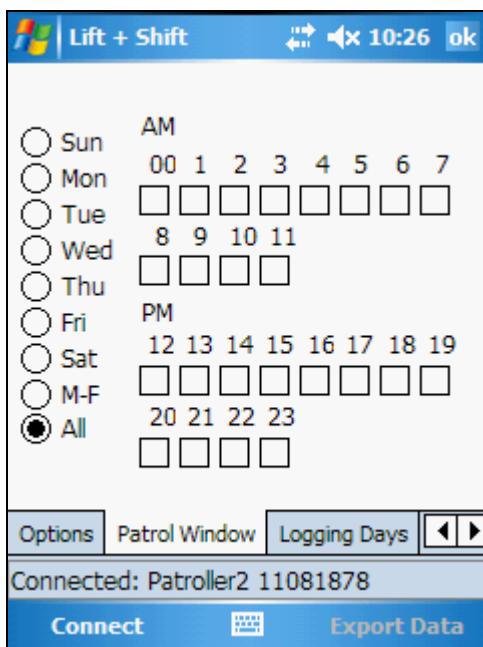


Figure 16: Administrator Lift + Shift Optional Tab

**Table 7: Administrator Lift + Shift Optional Tab -> Check boxes default configuration**

Lift + Shift Optional Tab	Checkbox option	Check Box Default Status
Shift Options	Auto increment during deploy	Checked
Shift Options	Add lift + shift timestamps	Checked
Lift Options	Clear all leak data after lift	Checked
Lift Options	Put Loggers To Sleep	Unchecked
Lift Options	Change Logger Setup After Lift	Unchecked

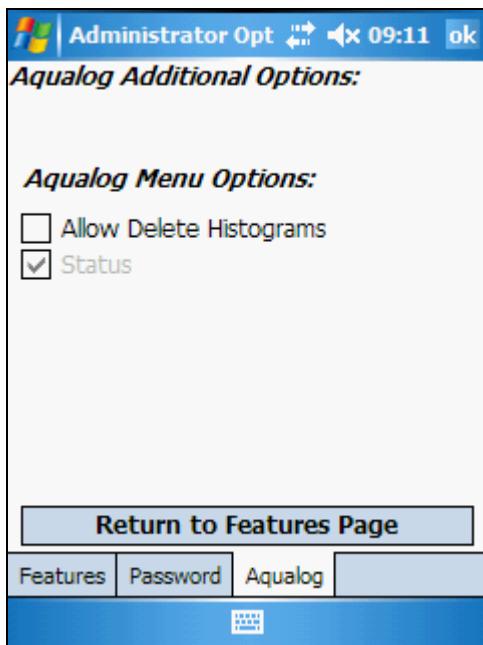
**Figure 17: Lift + Shift Screen after "Change Logger Setup After Lift" has been enabled by the Administrator**

Administrator Aqualog Options Tab

Default options as shown in *Figure 18*. Refer to *Figure 19* to know how the Aqualog screen will look to the end user with Administrator's default option applied and with all of the Administrator's options checked.

Table 8: Administrator Aqualog -> Check boxes default configuration

Aqualog Additional Options	Check Box Default Status
Aqualog Menu Options: Allow Delete Histograms	Unchecked
Aqualog Menu Options: Status	Checked (Checkbox disabled. Not configurable at present.)

**Figure 18: Administrator Aqualog Additional Options**

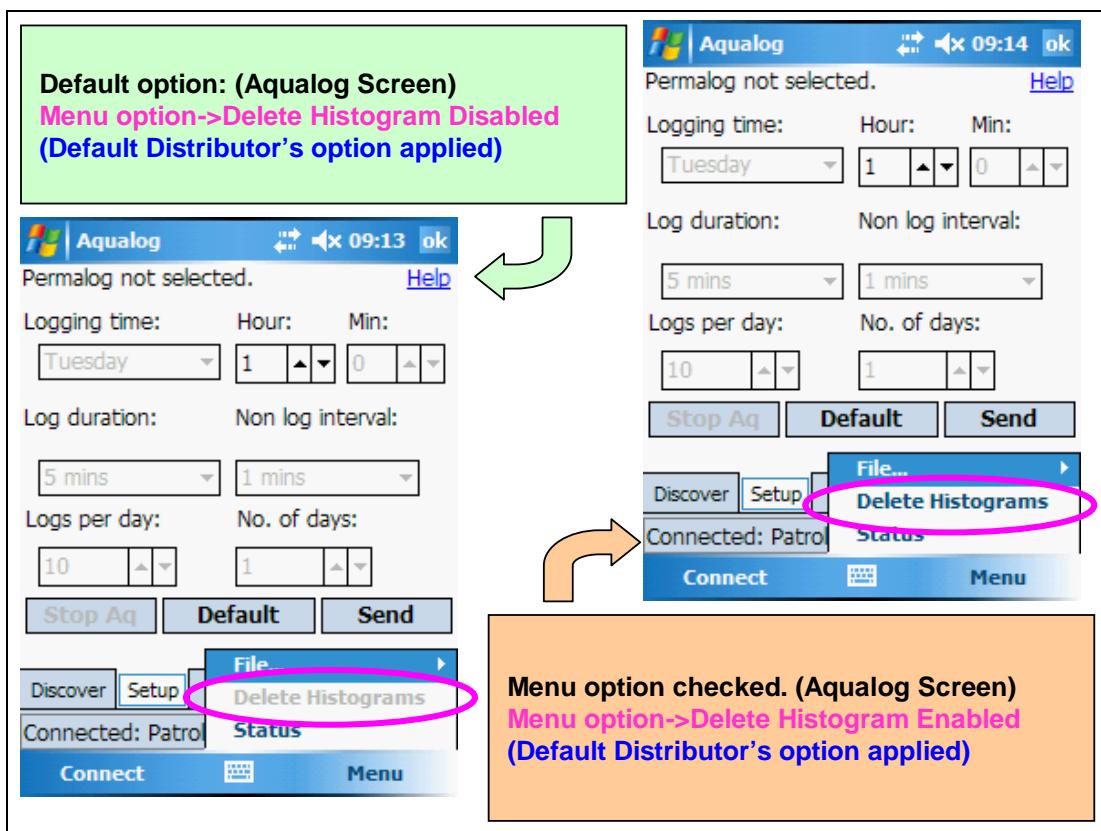


Figure 19: Aqualog screen with default Administrator's options & Administrator's options all checked

**Administrator Features Default Settings: History Additional Options Tab****Administrator History Options Tab**

Default options as shown in *Figure 20*.

Table 9: Administrator History -> Check boxes default configuration

History Additional Options	Check Box Default Status
Allow Delete Leak History After Download	Unchecked
Add 29 Days Level & Spread to Database	Unchecked

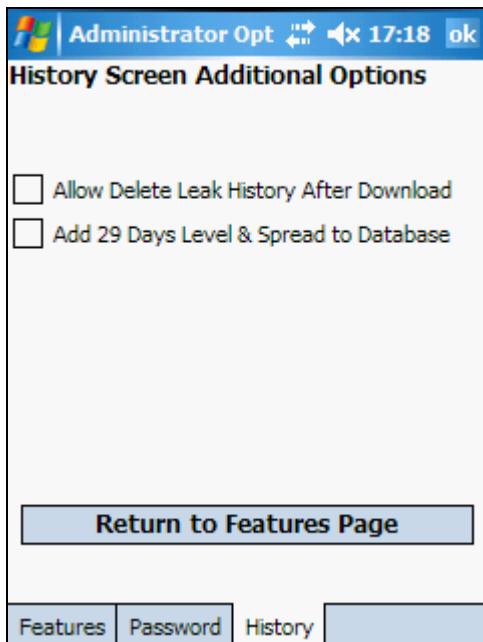


Figure 20: Administrator History Additional Options

If Add 29 Days Level & Spread to Database is checked, when the logger latest and 28 day level and spread History read being read from the logger, the level and spread history read will also be automatically written into the database.

If Allow Delete Leak History After Download is checked, when the logger latest and 28 day level and spread history is being read, it will automatically delete the logger 28 day history after download.

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Note

HWM-Water Ltd (Palmer Environmental) reserves the right to change products, services or specifications without notice.

Patents

The Permalog® system is patented in the United Kingdom:

GB2335041, GB2361062, GB2361319, GB2361540 & GB2361541

Patents pending in Europe, United States and Japan

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