



Halma Water Management

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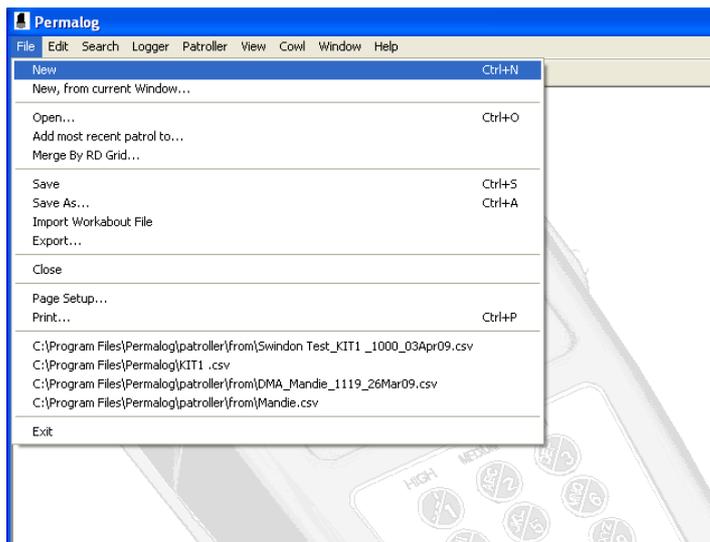


## Permalog +<sup>®</sup> GPS Lift N Shift User Guide

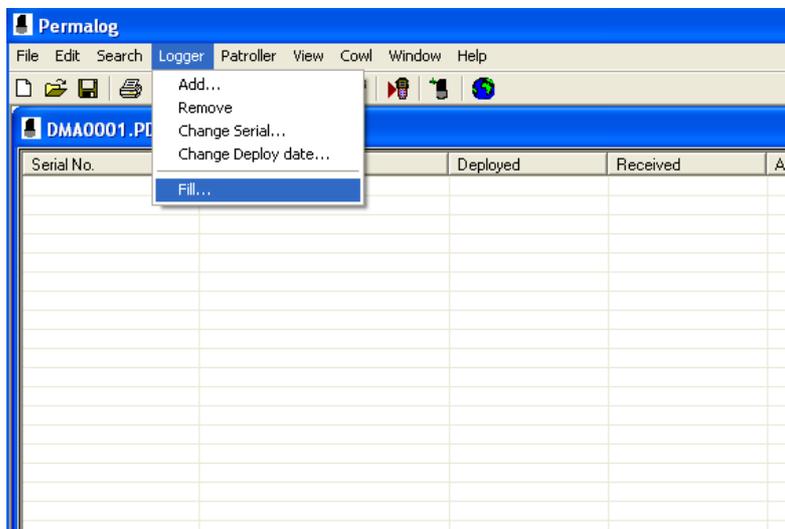
### Part 1: Set-Up

Before any deployment can be carried out you will need to create a 'Master' database for each 'Kit' you are using in the PC Patroller Software.

Follow the instructions below to carry out this procedure:



- Open PC Patroller Software
- Select File/New



- Select, Logger & Fill



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The screenshot shows the Permalog software interface with a 'Fill' dialog box open. The dialog box contains the following fields and options:

- Starting serial number: 04090001
- Number of Loggers: 75
- Increment: 1
- Loc Num. Start at: 00000001
- Fill grid ref. as well

The background shows a data grid with columns: Serial No., Loc Num., Deployed, Received, Address1, Address2, and Date.

- Input first Serial No
- Input No of loggers
- Input Start at (for Loc NO)
- 'Tick' Fill Grid ref as well

The screenshot shows the Permalog software interface with a completed data grid. The grid contains 75 rows of data, each representing a logger. The columns are: Serial No., Loc Num., Deployed, Received, Address1, Address2, Date, Status, Level, Spread, and Additional Information. The 'Status' column is filled with 'New Permalog'.

You will now see your completed MASTER DMA



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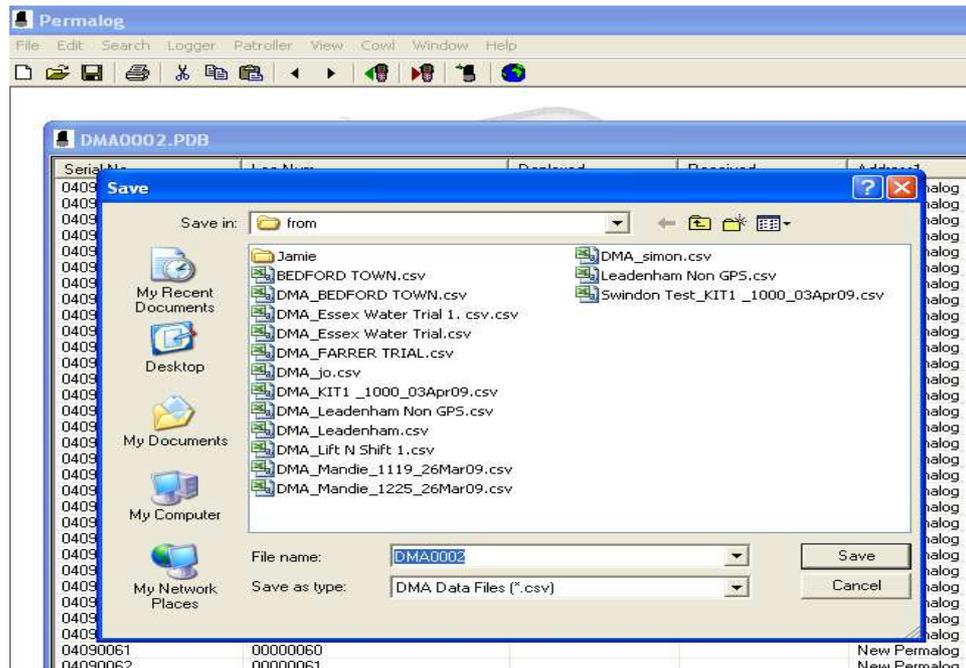
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Now save your new file:



- Select the Save Icon
- Choose the folder to save your file in
- Name your file
- Click Save

Now that you have a Master DMA you will need to transfer this to the PDA before you can start deployment. This process only needs to be completed once UNLESS you change any part of the database (ie swap serial No's etc)

Switch on your PDA & connect the PDA to the PC using the USB lead and ActiveSync should start up to enable transfer of data.

Open Patroller PC software & follow the screen shots below to transfer your database from the PC to the PDA.



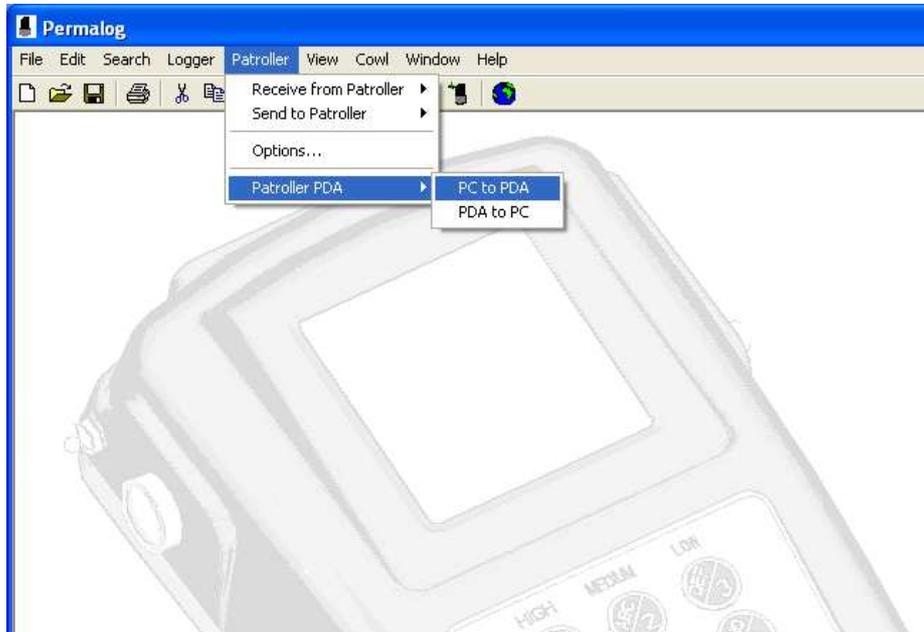
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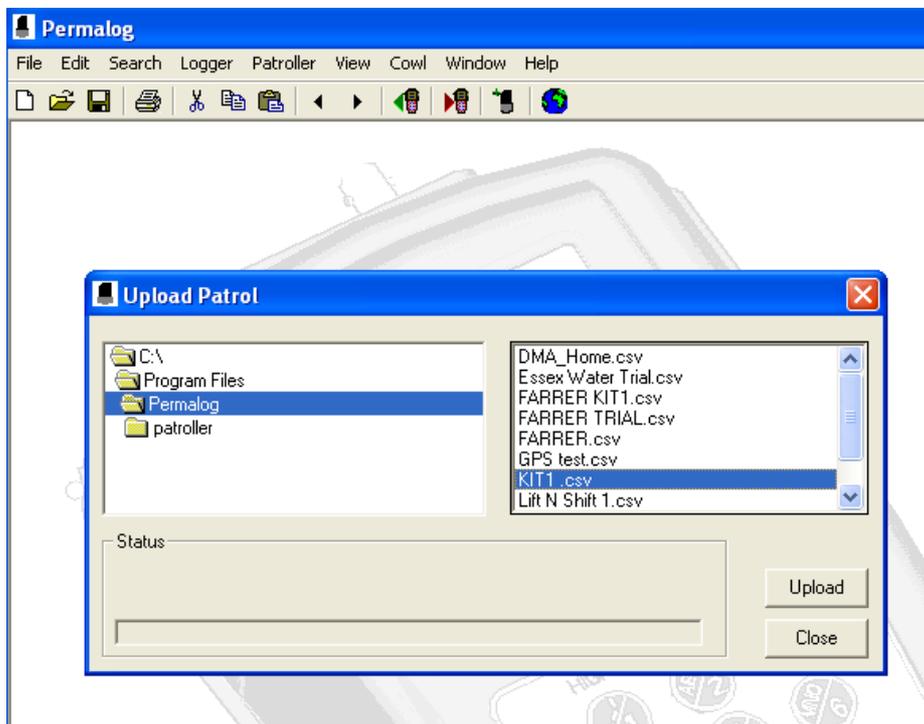
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- Select: Patroller/Patroller PDA/PC to PDA



- Select file that you wish to upload
- Click Upload



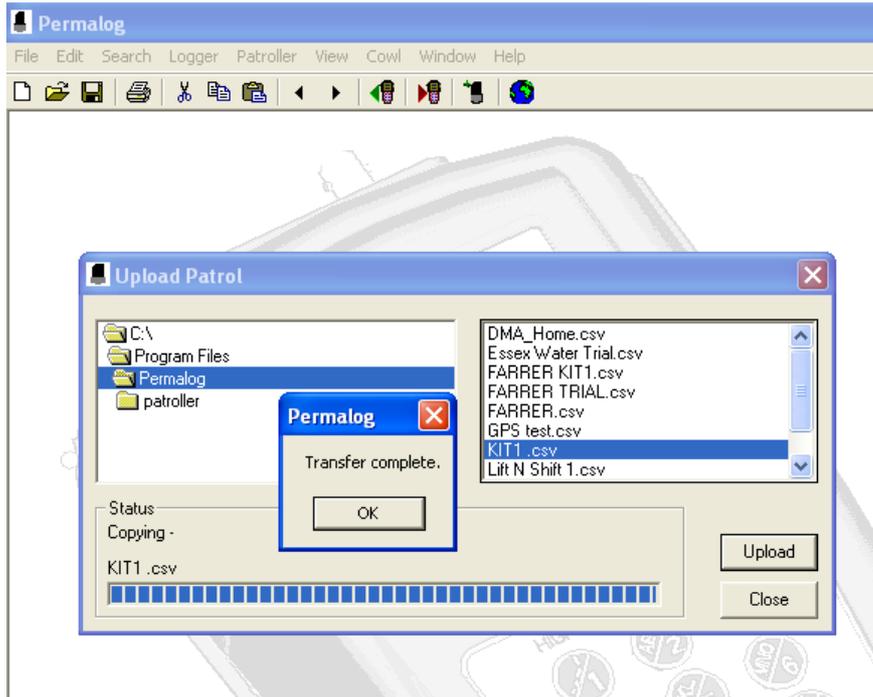
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- Confirmation will be received that the data transfer was completed

You will now need to Import this file into your Patroller PDA software before you can start deployment. Ensure your PDA is on and open the Patroller Software on your PDA then follow the screen shot, as below, on your PDA:



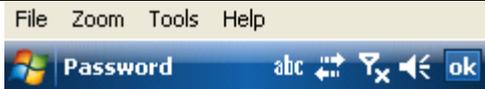
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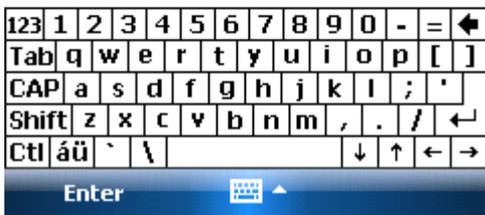
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Fast Patrol

Enter password:

- Insert Password 'admin' and select enter



- Select 'Import' Icon from main menu



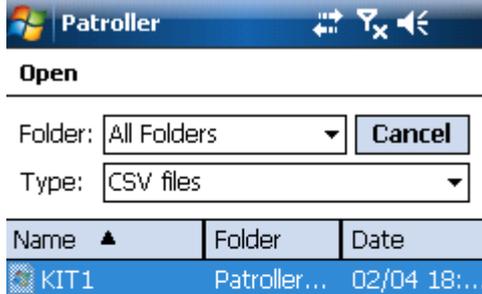
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- Click on the Database you wish to Import



- Then Select OK once Import has been completed



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- Select if you wish to remove File from Import folder?



- In Main menu, if you wish to click on DMA to check that the Import was successful?



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- If the Import was successful you will see the DMA you have just imported in this screen.

Now you need to enable the GPS feature on the PDA, see below:



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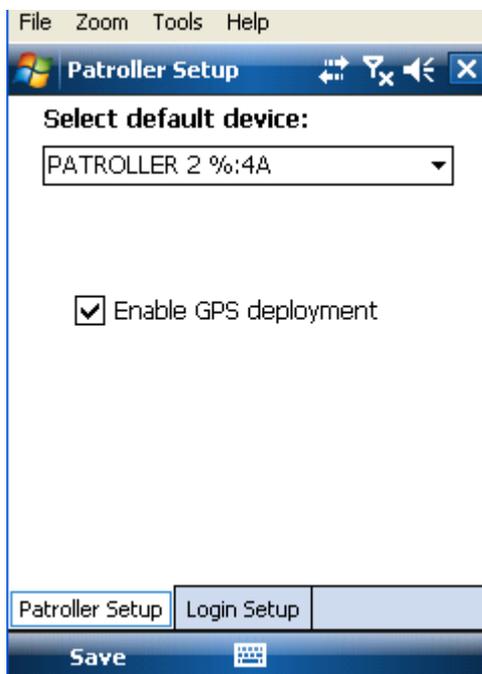
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- Select PDA Setup from Main menu on your PDA



- Ensure that the 'Enable GPS deployment' is ticked
- Click on Save

Close this screen and then in main menu select Lift N Shift Icon again, then copy the screen below:



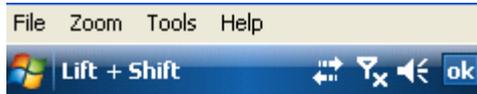
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- Display Loggers By Serial
- Display Loggers By Location

Shift Options:

- Auto increment during deploy
- Add lift + shift timestamps

Lift Options:

- Clear all leak data after lift
- Put Loggers To Sleep
- Setup Loggers



- Click on the Options tab
- Ensure that both Shift Options are ticked
- In Lift Options ensure that the Clear all leak data after lift is ticked but the other options in are unticked

Exit the Patroller application and turn off the PDA

**You can now pass this back to the Operator for deployment**