

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

## Part 2: Operator User Guide

Before deployment can start check that have the correct equipment and that all electrical equipment is fully charged.

Equipment Checks:

A Lift N Shift set consists of:

75 x No of Permalog + (P+) in 4 crates with foam inserts 1 x PatrollerII (complete with PDA, chargers etc)

Checks to carry out:

On receipt of your goods check that you have: An aerial (or cap) for each P+ supplied A lifting hook for each logger A deployment tool (for deep chambers) A PatrollerII complete with PDA, In-car & mains chargers, aerials.

BEFORE YOU CARRY OUT ANY DATA COLLECTION ENSURE THE INTERFACE UNIT, (see diagram below), AND PDA ARE FULLY CHARGED.

Patroller ]	Features	$\approx$
1) Charging Connection		Palmer
2) Aerial Connection 3) Cowl Connection/RS232 port	PATROLLER	
4) LED Displaying Battery and Communications		
Status 5) ean A Off But for the future -	today!	



## Day 1: Shift (Deployment)

Once you are in your DMA where you will be working turn on the PDA and select Start and then Patroller as the screen shot below:



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Enter

- Type In 'install' as • Password
- Select Enter







Click on Lift N Shift
 Icon

- If the Patroller is switched off you will see this message
- Click OK to this and continue to next screen



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- Check that you are in the 'SHIFT' screen
- Your database should be automatically uploaded, if not select it from the drop down menu
- You will note that your first logger will be ready for installation now (check the serial No of the logger you are about to install)
- When first opened there may not be a GPS signal this is confirmed by the 'Unknown' comment in the GPS section. You will also note that there are no Co-ordinates yet
- Do not deploy any loggers until a GPS is obtained (see next screen shot)
- Once a GPS Signal is obtained you will note that next to GPS you will see \*\*\*'s that are constantly moving. You will also see co-ordinates that change if you move position.
- You will note that your first logger will be ready for installation now (check the serial No of the logger you are about to install)
- If OK, install the logger and whilst at the chamber click Update
- If Not OK (ie the logger is missing or doesn't work) click on Skip



Repeat this exercise until all loggers are deployed

After you have installed the last logger for that day exit the Patroller software application on your PDA & turn off the PDA.

## Day 2: Lift (Retrieval)

Once you are in your DMA where you will be working turn on the PDA & PatrollerII and connect the small aerial to the PatrollerII.

Follow the instructions as above to:

- 1. Open the Patroller software on the PDA
- 2. Type in your 'install' password to gain access to the software
- 3. Select Lift N Shift Icon

Once in Lift N Shift select the 'Lift' tab at the LHS bottom of your screen you will now see the following screen:

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	Tel: +44 (0) 1633 489 479 Fax: +44 (0) 1633 877 857 Email: sales@hwm-water.com Web: www.hwm-water.com
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- Click on Select database
- Select the database you deployed last.

- Note: total in database is all Loggers (deployed or not)
- You will only have loggers listed that were actually deployed
- Loggers will be removed from the screen when they are swiped until there are no loggers left
- Note that the logger being received is shown at the top of your screen

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• You will see this message when all of your loggers have been received by the Patroller, click OK

- You will now see the following screen confirming that the data has been exported
- You can now exit the Patroller software & switch off your Patroller & PDA

When you have completed all of a DMA see your area office to download the data and receive your next lot of work.