

## 2014/15 Instructions for Paua Data Loggers

There have been three changes to the Paua data logging system this year:

- 1) A radio data link installed in Turtle and Boat loggers to simplify data offload
- 2) A new version of the PC software that offloads both Turtles and Boat Loggers
- 3) An option on the Boat Logger to record the individual catch bag weight landed

### 1. Turtle to Boat Logger Radio data link

A radio data link device has been fitted to nearly all Turtle and Boat loggers that were returned for servicing at the end of the 2013/14 season. This allows a data **summary** to be easily transferred wirelessly from the Turtle to the Boat Logger with the push of a button. The reason for developing this feature was to simplify the process of getting all the Turtle data uploaded regularly onto the Dragonfly data base.

How: When you are finishing a dive event and going through the Boat Logger shut down procedure, Option 3 on the last screen says "Download Turtle units". Select this option and the Boat Logger will automatically find up to 4 Turtle units within a 5 metre radius and download any **NEW** data from them, via a radio transfer.

This radio download should be done at the end of each dive day. Then the Boat Logger should be downloaded onto a PC and the data file uploaded as often as possible.

When a Turtle is downloaded using the radio link, the data on the Turtle is not deleted. The Turtle should be downloaded manually **once a month** to a PC, and then the file uploaded to the Dragonfly data base in the usual way.

### 2. Downloading software

Everyone should now be using Paua Logger v3.4. This software downloads **both Turtle and Boat Loggers**. This is freely available from the Zebra-Tech web site [www.zebra-tech.co.nz/downloads](http://www.zebra-tech.co.nz/downloads).

Once installed, it has the Paua shell Icon:



Only this software should be used from now on. Old versions of TurtleCom  and BoatLog  software should be uninstalled from your PC.

### 3. New button presses when a diver catch bag has been landed

Previously one of the coloured buttons on the Boat Logger was pressed when a diver landed a catch bag and then the same coloured button was pressed a second time to confirm the OK message. But that has now changed and you have two options:

- a) When a catch bag is landed you press the corresponding coloured button for the diver ID and then you press the **OK button** to confirm this (so you don't push the coloured button twice anymore).
- b) The second option is to push the coloured button for the diver ID and then push it again and again to register 10 kilo increments of the predicted catch bag weight. So for example if a red tagged catch bag is landed that weighs approximately 20 Kg, press the red button twice, so that 20kg is displayed, and then press the **OK button**, so that the weight is logged.

We don't envisage this method being used very often but in some QMAs where only partly filled catch bags are the norm, this method will result in more accurate data.

Any problems please give Tom McCowan (027 2840809) or Jeremy Cooper (0274 323041) a ring.