Preliminary Log Book on Infrared/Wireless Picaxe System

## Tuesday 12th of March:

Today I checked all the components were there, identified the individual components required and soldered them into place.

## Thursday 14th of March:

Stripped the necessary amount of large wires and connected them to the outputs as well as connected the remaining wires required to the positive and negative terminals.

## Monday 25th of March:

Today I connected a switch with two resistors and two wires from it to each of the outputs; 0,1,2. The two resistors used were of values 330ohms and 10,000 ohms. The 330 ohm resistor was placed by itself and the 10,000ohm resistor to the output side.

## Tuesday 26th of March:

Today I connected the distribution board and LDR (Light Dependent Resistor). I then began connecting the output board but misread the wires that needed to be connected and so had to reheat and remove them.

## Tuesday 23rd of April:

Today I converted a circuit diagram to a practical circuit for the infrared receiver. I also finished connecting the L.E.D.s (Light Emitting Diode) to the output board.

## Tuesday 21st of May:

Today I connected the resistors to the output board and also connected the output board to the distribution board. Although I accidently connected the negative of the speaker to the wrong port and had to remove it and re-solder it correctly.

## Thursday 23rd of May:

Today we programmed the circuit and confirmed it works and also programmed the remote and it too was confirmed to be working.

## Monday 3rd of June:

Today I attached the board to the tank and completed the production of the infrared unit.