

Based on the conclusions of the 1952 report, it was felt that certain of the phenomenae would probably be accompanied by physical effects which could be measured, and since measurements are always more satisfactory than qualitative observations, it was decided to try and get some measured data.

Whether the phenomenae be due to natural electromagnetic causes, or alien vehicles, there would probably be associated with a sighting some magnetic or radio noise disturbance. Also, there is a possibility of gamma radiation being associated with such phenomenae.

It has been suggested by some mathematicians that gravity waves may exist in reality, as well as a convenience to make an equation balance. While we know practically nothing of such waves in nature, nevertheless, if the possibility exists, flying saucer phenomenae, being largely an unknown field, might be a good place to look for such gravity waves.

Therefore, a group of instruments was set up in a hut at Shirley Bay for the purpose of trying to get measurements which could be tied to one or more actual sightings. The instruments are; a compass type magnetometer, a gamma ray counter, a radio set and gravimeter. The outputs of these four instruments are arranged to draw proportional traces on a 4 pen recorder.