



D. INSTRUMENT AND NOISE TESTS :

Instrument tests were carried out prior to each day's operations and the results were examined in an analogue form in the field. These tests consisted of Dynamic Range Determination, Amplifier Noise Test and Automatic Gain Control (AGC) Test. Frequent checks on tape speed and skew were made.

A set of monthly tests were carried out prior to commencement of operations. These tests included Harmonic Distortion, Gain Linearity, Periodic Calibration checks, skew checks and the above-mentioned tests. A similar set of tests were conducted after the survey was completed.

The tests were analysed in the Sydney, Australia, Processing Centre using TIAC routines.

A streamer noise analysis was made at the beginning of each line shot. Some of these tests were recorded on tape.