

The contract to record this survey was offered to every recording company operating in Australian waters and was made subject to two conditions; that of availability and cost. Halliburton Geophysical Services proved to be most economical for reasons of mobilisation costs.

IIc Navigation Quality Control

Halliburton Geophysical Services have provided a complete report on all navigational aspects of the survey in Appendix II.

IIId Line Intersection Listing

Table 1 provides a line intersection listing by shotpoint.:

III DATA PROCESSING

IIIa Contractor Selection

The data processing contract for this survey was let on the basis of a sealed bid system. Digital Exploration Ltd (Digicon) was awarded the contract on the basis of cost and turn around time of a finished product. A complete report on the data processing phase is provided by Digicon in Appendix III.

IIIb Parameter Selection and Testing

Exhaustive testing procedures were conducted throughout the data processing phase in order to ensure as high a quality product as the time constraints would allow. A standard processing flow is included as Fig 2.

Because of the non-standard cable configurations utilised during this survey one line (BB90-194) was processed as follows:

- Apply adjacent trace summation to the 6.25 m groups to obtain a standard 12.5 m group interval across the cable (this method is S.O.P.)(Encl 3).
- Process as a 480 trace cable with 200 alternate dead traces to simulate a 480 channel cable with no adjacent trace summation (Encl 4).

Comparison of the final migrated stacks of each version indicates that minimal data corruption visibly occurred as a result of this processing 'short-cut'.

IV INTERPRETATION

IVa Base Maps

Two base maps are provided in this report:
T/15P Shotpoint Base Map (southern area)
T/15P Shotpoint Base Map (all data)