



APPENDIX A  
 SURVEY REPORT - GIPPSLAND BASIN FOR  
 ESSO EXPLORATION AUSTRALIA

Land Survey

The Decca Hi-fix system was operated in the hyperbolic mode and the station sites selected were :

Slave I	(Cape Everard)	715566.2 E	332828.7 N
Master	(Lakes Entrance)	592114.7 E	326630.6 N
Slave II	(Woodside)	493117.1 E	247403.1 N

Co-ordinates on A. T. M. Projection Zone 7.

The station sites were surveyed by tellurometer traverses run from existing geodetic control. The surveys were carried out by Amalgamated Decca Surveys under contract to G. S. I.

Calibration

The Hi-fix chain was calibrated at positions close to each of the three stations. Theodolite intersections, from surveyed points were made of the fishing boat "Capella" which carried Hi-fix receivers. The results obtained were considered quite satisfactory and well within specifications.

Detailed reports by A. D. S. on the station surveys and the calibration are submitted separate to this report.

Mapping

Shotpoint location maps at a scale of 1:50,000 were drafted by G. S. I. Sydney office. Unfortunately, the failure by Amalgamated Decca Surveys to develop a computer program for shotpoint co-ordinates until January 1968 caused serious delays in this work.