

ACQUISITION OF BB-85 SEISMIC DATAIII.1 INTRODUCTION

Bass Bridge 85 Seismic Survey commenced on April 6, 1985 and ended on April 17, 1985, after completing 32 lines. The total seismic data acquired amounted to 570.3 km (figure 4.1).

The contractor used for the survey was Western Geophysical Company of America and the vessel used was the M.V. Western Odyssey (figure 4.2).

There was no experimental work carried out during the survey, and, therefore, parameters were kept basically the same as in previous February 82 Survey, except as shown below (the changes are due to the improvement in acquisition technology).

<u>Recording Data</u>	<u>1982</u>	<u>1985</u>
1. Array volume	760 cu in	1530 cu in
2. System	DFS <u>V</u>	LRS-16 telemetry
3. Number of guns in array	10	19
4. Fold	4800%	6000%
5. Cable length	2375 m	3200 m
6. Number of traces	96	120
7. Low cut filter	out	12 Hz

Summary of lines recorded, shot point range for each line, length, etc are shown in table 3.