



SECTION V

OPERATING TECHNIQUES

A. SURVEYING

DECCA was subcontracted to G.S.I. to provide positioning throughout the project. Hifix was the system used, and all equipment was operated by DECCA personnel.

The initial calibration, (see Appendix A), was carried out by crossing the base-line extensions at the master station and also at the two slave extensions. This was done by a fishing boat, "CAPELLA", which carried the calibration to the "CARIBBEAN SEAL". The "CARIBBEAN SEAL" then carried the calibration to strategically located buoys and islands which were then used for future calibrations.

The shooting boat "IMLAY" carried DECCA recording equipment and recordings of its position were made during the shooting of velocity profiles and resumed during production shooting after November 4.

The setback distance from antenna to shotpoint varied as did the shotpoint location, and these variations were noted with the post plot coordinates.