



2. XR-Shoran

Control for the reflection survey was by Offshore Navigation Inc. using an XR-Shoran network. Shotpoint interval was 50 meters and pre-plots for the traverses were prepared for G.S.I. by Engineering Computer Services Limited of St. Leonards, Sydney. Position of the vessel was read every fourth shot and post-plots represent the depth point recorded; i.e. mid-way between the airguns and near trace # 48. The following information was provided by Offshore Navigation Inc..

The equipment supplied by Offshore Navigation Inc. for Project 528 was a three base XR-Shoran system. The three shore stations consisted of CPN/2A base stations with AVQ/5 backup equipment and were established at the following locations. (See Figure G, G1, H, H1, J, J1.)

Universal Transverse Mercator Projection
Australian National Spheroid
Zone 55
Central Meridian 147° East

Station Blackwarri

Latitude	38° 24' 15".07 S	N 5,749,264 meters
Longitude	146° 38' 49".26 E	E 469,180 meters
Elevation	640 meters	