

4. SURVEY METHODS AND PROCEDURES (Cont'd)

4.1 ARGO Positioning System and Calibration (Cont'd)

4.1.2 Calibration

The ARGO system which was installed on the survey vessel 'R/V Sprightly', was calibrated against a previously established Syledis chain in the area.

With a velocity of propagation of 299670 km/sec, and an operating frequency of 1.702 MHz, a lane width of 88.0347 metres was calculated and the following partial lane counts were observed.

Point Sorell	0.75 lane
North Point	0.69 lane
Naracoopa	0.41 lane
Cape Liptrap	0.49 lane

The calibration of the ARGO was checked on the 12th November 1985 by checking the position of the rig 'Diamond M. Epoch'.