

4. SURVEY METHODS AND PROCEDURES (Cont'd)

4.5 Analogue Systems (Cont'd)

4.5.1 Echo Sounding (Cont'd)

The predicted tide curve for Stanley has been shown on Figure 5. Also plotted is the tidal variation at the location as derived by the crossing analysis. This curve is obtained from the small (positive and negative) corrections to each survey line plotted about a zero of 2.18 m. above chart datum at Stanley (this is the mean sea level at Stanley). It will be seen that there is no significant difference in tidal range or phase between the Stanley and PELICAN-5 location tides.

The bathymetric record for the line running SW-NE through the location has been reproduced as Figure 6. The sounding plan is presented as Map 3, and the results are discussed in Section 5.2.