

#### IV. MAXIRAN CALIBRATION

The Maxiran system was calibrated between 1800 and 1930 hours 7 January 1986, prior to the commencement of the Well Location CHAT #1 survey. For this calibration, the Maxiran mobile equipment was installed at Station Low Head, and the base station equipment was installed at Station Doctors Rocks. The computed slope range of 84.676 kilometers between the two markers was used to calibrate the system.

Maxiran baselines were crossed between 0737 and 1625 hours 9 January 1986. Results of the crossings are as follows:

0737 - 0750 hours:

Stations Low Head/Doctors Rocks Baseline:  
(Heading 180°)

Observed Range 84,671 meters  
Antenna Separation = 3 meters  
Computed Range 84,676 meters  
Reads 5 meters short

0800 - 0814 hours:

Stations Low Head/Doctors Rocks Baseline:  
(Heading 000°)

Observed Range 84,671 meters  
Antenna Separation = 3 meters  
Computed Range 84,676 meters  
Reads 5 meters short