

**Daily Positioning Equipment Status. MV Orient Explorer. 26 October 2005. Report 06.
22.00hrs**

1. **SIPS 1. Acoustics**
1. **Comments : Satisfactory**

2. 5000 Series Streamer Compass Birds

Strm1	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
Faulty																		
Strm2	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
Faulty																		
Strm3	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
Faulty									F									
Strm4	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
Faulty																		

2. **Comments : Satisfactory**

3. rGPS Units Source.

rGPS Tailbuoy units

	G2R5	G2R3	G2R1	G1R5	G1R3	G1R1	TB 1	TB 2	TB 3	TB 4
Faulty										

3. **Comments : Satisfactory**

4. dGPS

Reference Stations .

Unit	SkyFix	StarFix	Melbourne	Bathurst	Cobar	Ceduna	Brisbane
Faulty							

4. **Comments: Satisfactory**

5. Other Positioning Aids

Unit	Sprint	Spectra	Robtrack	E/S	Sp Log	Seapath	C-Plath
Faulty							

5. **Comments: All satisfactory.**

P1 comparisons to Seq. 21 inclusive. Results satisfactory

Source separation from avg. 47m to 55 for Seq 23.

I now have little doubt that the quality of the acoustic & compass data will be affected by the type of sea conditions we have experienced during the majority of the project. My thoughts were confirmed when the data for Seq 18 & 19 was reviewed, and sea conditions for the two lines were ideal.