

**Daily Positioning Equipment Status. MV Orient Explorer. 27 October 2005. Report 07.
22.10hrs**

1. SIPS 1. Acoustics

1. Comments : All data surveyed in the period affected detrimentally by unfavourable sea state

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 : All data surveyed in the period very noisy d/t unfavourable sea state.

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: E/S record noisy Seq 23, 25, otherwise all satisfactory. .

P1 comparisons to Seq. 23 inclusive.

Taking a second look at seq 23, last quarter with Sprint processor tomorrow am.

Very poor acoustic tail end data.

Front end streamer separation 82, & 85 meters respectively Strm 2 to 3, Seq 23, 25

The last two lines, poor insea data sets d/t the sea state.

This with the streamer at 10m for Seq 25.