

Daily Positioning Equipment Status. MV Orient Explorer.
Report 19.
22.45hrs

8th. November 2005

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																		
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 : Seq 074 G2R1 & G2R5 intermittent. On other sequences data noisy d/t the nature of the sea.

4. *dGPS*

Reference Stations .

Unit	SkyFix	StarFix	Melbourne	Bathurst	Cobar	Ceduna	Brisbane
Faulty							

4. Comments: Seq. 77 APSAT- maintenance on primary uplink. Only 3 ref. stations available. XP latency increase 2 sec from norm experienced. No problems.

5. *Other Positioning Aids*

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

5. Comments: Satisfactory.

P1 comparisons to Seq. 076 Inclusive. Satisfactory Tie.
FGPS net adj. To Seq 77 Inclusive

Wind increasing at this time, expect 2D to commence 6-8am local tomorrow.

Ray Doughty