

Daily Positioning Equipment Status. MV Orient Explorer. 1st November 2005
Report 12.
22.15hrs

1. *SIPS 1. Acoustics*

1. Comments : Satisfactory, but continue to lose ranges front end between Strm 2&3

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 : Intermittent data occasionally G2R1 & G2R5.

4. *dGPS*

Reference Stations .

Unit	SkyFix	StarFix	Melbourne	Bathurst	Cobar	Ceduna	Brisbane
Faulty							

4. Comments: Very short periods of instability SkyFix XP.

Seq 47 only 4 SVs for very short part of line.

XP did not converge when +5 SV again in sight, MRdGPS used to process the final part of line.

I have experienced this problem with XP NW Africa where the SV coverage was less good.

5. *Other Positioning Aids*

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

5. Comments: Satisfactory

P1 comparisons to Seq. 48 inclusive. Good tie.

The Navigators are a conscientious, hard working team.

Hopefully the intermittent fault with the some of the source rGPS units will be soon resolved, before it becomes a problem.