

Daily Positioning Equipment Status. MV Orient Explorer. 2nd November 2005  
Report 13.  
22.00hrs

1. *SIPS 1. Acoustics*

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

2. *5000 Series Streamer Compass Birds*

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

2. Comments : Satisfactory.

3. *rGPS Units Source.*

*rGPS Tailbuoy units*

	G2R5	G2R3	G2R1	G1R5	G1R3	G1R1	TB 1	TB 2	TB 3	TB 4
<b>Faulty</b>										

3. Comments : Intermittent data occasionally G2R1 & G2R5 until Seq 54.

4. *dGPS*

*Reference Stations .*

<b>Unit</b>	SkyFix	StarFix	Melbourne	Bathurst	Cobar	Ceduna	Brisbane
<b>Faulty</b>							

4. Comments: Satisfactory

5. *Other Positioning Aids*

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

5. Comments: Satisfactory

P1 comparisons to Seq. 53 Inclusive. Good tie.

The problems with the source rGPS units have been identified, and action taken.  
Hopefully the problems will not raise their head again.

Sea conditions have been favourable over the last few days. This has resulted in a generally good positioning data set.

Looking to the future - I would guess at some point the acoustic pod batteries will require replacement.

*Ray Doughty*