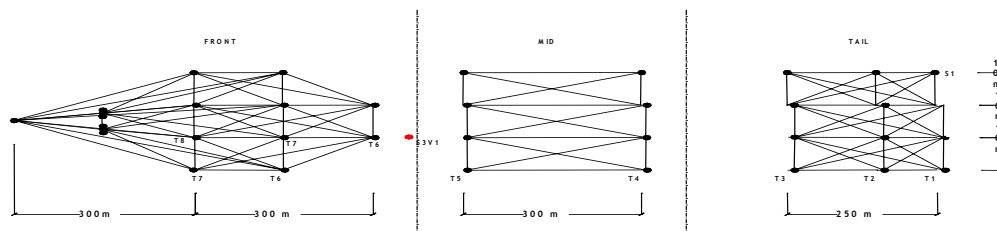


**Daily Positioning Equipment Status. MV Orient Explorer. 22 October 2005. Report 02
22.25 local**

1. SIPS 1. Acoustics



1. Comments : Noisy data, array & front end between Strm 2 & 3. Probable cause – Sea state. Low feathers 0 - 3 deg, with short offset, feeling affects of prop wash & guns T/S dip. Mean velocity at 8m 1504.5m-s. Mean Inline offset (array to CNG) increased by 7m from Seq 02 (now 92m). The cause - gear let out to widen the front spread.

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 : Satisfactory

4. dGPS

Reference Stations .

Unit	SkyFix	StarFix	Melbourne	Bathurst	Cobar	Ceduna	Brisbane
Faulty							

4. Comments: Close tie between 2 systems – sub 0.5m

5. Other Positioning Aids

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

5. Comments: Comparisons completed Seq 01 to 03. FGPS net adj Seq 01 to 06. Results satisfactory. RobTrack cyclic first 15% Seq 04. reset okay. FGPS used from 0927hrs local (GMT +11) 21.10.05. The FSP of the survey.