

DAILY OPERATIONS REPORT # 14

ANTARES 3D MARINE SEISMIC SURVEY

Contractor:	PGS	Vessel:	Orient Explorer
Woodside Reps:	Ken Haig, Stephen Burt	Party Chief:	Stephen Beer
WEL project Manager:	Ralph Weiss	Date:	Thursday 30 th Oct 2003

1. PRODUCTION SUMMARY

No Production

2. STATISTICAL ANALYSIS (DECIMAL HOURS)

	Period	<u>Line Type Analysis</u>	
		(%)	Survey (%)
Prime	0.00000	0	385.91250 100
Total :	0.00000	100	385.91250 100

<u>Sailed Kms</u>	Period	<u>Line Charge Analysis</u>	
		(%)	Survey (%)
Prime	0.00000	0	389.26875 100
Total :	0.00000	100	389.26875 100

<u>Charged Sailed Kms</u>	Period	Survey (%)	
		(%)	
Prime	0.00000	0	385.91250 100
Total :	0.00000	100	385.91250 100

<u>CMP Kms</u>	Period	Survey (%)	
		(%)	
Prime	0.00000	0	3,087.30000 100
Total :	0.00000	100	3,087.30000 100

<u>Square Kms</u>	Period	Survey (%)	
		(%)	
Prime	0.00000	0	77.18250 100
Total :	0.00000	100	77.18250 100

<u>Fullfold Sailed Kms</u>	Period	Survey (%)	
		(%)	
Prime	0.00000	0	363.63750 100
Total :	0.00000	100	363.63750 100

<u>Fullfold CMP Kms</u>	Period	Survey (%)	
		(%)	
Prime	0.00000	0	2,909.10000 100
Total :	0.00000	100	2,909.10000 100

<u>Fullfold Square Kms</u>	Period	Survey (%)	
		(%)	
Prime	0.00000	0	72.72750 100
Total :	0.00000	100	72.72750 100

Time Activity Analysis				
	Period	(%)	Survey	(%)
Recording	0.000	0	50.617	16
Line Change	0.000	0	24.050	7
Extended L/C	0.000	0	1.500	0
Weather	0.000	0	46.000	14
Instrument	0.000	0	0.217	0
Source	0.000	0	5.200	2
Ship	0.000	0	0.500	0
Travel t/f Port	0.000	0	4.250	1
Port Call	24.000	100	53.667	17
Contractor	0.000	0	3.000	1
Mobilisation	0.000	0	136.000	42
Total :	24.000	100	325.000	100

Time Cause/Reason Analysis				
	Period	(%)	Survey	(%)
Production	0.000	0	74.667	23
Weather	0.000	0	46.000	14
Equip.Fail	0.000	0	5.917	2
MOB/DeMOB	0.000	0	140.250	43
Obstruction	0.000	0	0.183	0
Crew Change	24.000	100	53.667	17
PGS	0.000	0	3.000	1
Survey Shape	0.000	0	1.317	0
Total :	24.000	100	325.000	100

Time Charge Analysis				
	Period	(%)	Survey	(%)
Prime	0.000	0	50.617	16
Operations	0.000	0	24.050	7
Standby	12.000	50	74.333	23
Contractor	12.000	50	35.750	11
Mob/Demob	0.000	0	140.250	43
Total :	24.000	100	325.000	100

3. TIME SUMMARY

October 30th, 2003

Start	End	Hours	Description / Comments	Charge
00:00	12:00	12.000	Crew Change (Port Call) Deploying streamers after port call and crew change - Woodside 50/50 share of time.	Standby
12:00	24:00	12.000	Crew Change (Port Call) Continue with streamer deployment after port call and crew change in Portland - PGS 50/50 share of time.	Contractor
	Total :	24.000		

Chase/Supply Vessel Status:

Southern Salvor on site with Orient Explorer.
Perfect Lady in Port Fairy waiting on weather.

Crew Change Time Breakdown

00:00 – 12:00 deploying after crew change Woodside time
12:00 to 24:00 deploying after crew change PGS time

Non-work related illness

The patient has returned to the Perfect Lady – he did receive medical clearance prior to rejoining. John McK will keep a close eye on him for a few days. No medical condition as to why he fainted last week.

Comments/Problems:

Continue and complete deployment of streamer 1 into the wide tow location – replaced 2 sections. Conditions marginal -swell 2+ m.
Continue with deployment of streamer 4 – replaced compass/depth controller 4 – made front end ballast adjustments.
Deployed streamer 2 – no problems.

General Weather Comments:

Winds down to 5 knots in the morning with a 1.3 metres swell, but picked up slightly as the day progressed with swell approaching 2 metres and winds of 10-15 knots at midnight local time. Weather forecasts appear confused for the next 36 hours.

Close of the day.

Streamers 1,2 and 4 deployed – making final ballast adjustments to the front of streamer 4 and preparing streamer 3 for deployment.

Winds: SSW 10 knots

Swell: SW 1.5 to 2m

SEQ	COMMENTS
013 Dir 125°	<p>W03ANT1012 P1 SP 1001 – 2836 Incomplete</p> <p>Data Tape Nos: 35651 - 35653 Missed SP 2102-2153 due to an on-line hangup with the Spectra. Rebooted the system and continued recording the line to completion. The portion missed will have to be reshot on PGS account at a convenient time later in the survey. Acceptable swell noise, balance and control on line. Some random bursts of swell noise observed. Weather: Winds E 8 knots, Sea and Swell: ESE up to 3.0 metres at times near the end of the line Noise at SOL: 7-8µB, EOL: 7-8µB (6Hz lo-cut filter applied) Water Depth: SOL: 32.1m, EOL: 53.6m Feather at SOL: -1.6°, EOL : 1.0°, Max: 1.0° Streamer Depth: 7.5 metres acceptable depth control. Bird 4 on streamer 4 lost communications for complete line. To be replaced at first opportunity. Noisy Traces: Nil logged – random swell bursts throughout the line. Gun Volume SOL: 2500, EOL: 2500. Good pressure and control. Gun edits logged : – 5 spread errors above 2ms SP 1224, 1957, 2484, 2834, 2840 Timing errors above 1.5ms: NIL Missed Shots: Data tape 35653 not to be processed. SP 2102-2153 not recorded due to Syntrak</p>

HSE Daily Statistics - 30/10/2003**Comments:**

No accidents or lost time incidents reported. No spillage of oil or loss of containment overboard. Whale watches have been maintained - no sightings. Absent crew person joins the Perfect Lady. The patient that was taken ashore last week returned with medical clearance to continue work offshore.

HSE Items:

13:00 - 13:25

Emergency Boat /Towing Drill [EBD]

Conduct Emergency Boat Drill - inspect life jackets and immersion suit donning demonstration.

Description	Day	Month	Survey
Incidents			
Near Miss Incident (NMI)	0	0	0
First Aid Case (FAC)	0	0	0
Medical Treatment Case (MTC)	0	0	0
Restricted Work Case (RWC)	0	0	0
Fatality (FT)	0	0	0
Lost time Injury (LTI)	0	0	0
Oil Spill (OS)	0	0	0
Illness/Ailment (IA)	0	0	0
Environmental Incident (EI)	0	0	0
Hazard Report (HR)	0	0	0
Positive Observation (PO)	0	2	2
Equipment Loss/Damage (ELD)	0	0	0
Non work related illness (NWR)	0	1	1
Events			
Stop Cards Issued ()	0	6	6
Small Boat Launches ()	0	2	2
Helicopter Landing/Takeoff (HL)	0	0	0
MOB Drill (MD)	0	0	0
Fire Drill (FD)	0	0	0
Emergency Boat /Towing Drill (EBD)	1	7	7
Safety Meeting (SM)	0	2	2
HSE Induction-Inspection (IT)	0	3	3
Safety Committee Meeting (SCM)	0	0	0
HSE Audits/Inspections/Safety Checks (HSE)	0	5	5
Toolbox Meeting/Debrief (TB)	0	11	11
Cetacean Sighting (CS)	0	0	0
Bunker and Resupply (BR)	0	0	0
Oil Spill Drill (OR)	0	0	0
Personnel transfer at sea (PT)	0	0	0
Totals			
No. Marine Crew	35	486	486
No. Seismic Crew	22	296	296
No. Contractors	3	42	42
No. Lost Time Injuries	0	0	0
Exposure Hours *	720	9888	9888
Small Boat Hours (Decimal hours)	0.00	4.48	4.48
Small Boat Exposure Hours (Dec. hours)	0.00	17.93	17.93
Fuel Usage (Cubic Metres)	11	127	127
* Exposure hours calculated at 12hrs per day per person.			

Navigation report submitted by Stephen Burt for Thursday 30th Oct

Navigation General:

General:

ERDH report that the P1 and P2 files have arrived at their office for SPRINT confirmation. Sequences 003 to 005 were passed on as Sequence 002 was processed independently by PGS and Sequence 001 was scratched.

Initial cross checks with the bathy E records from the p1-90 indicate a 0.5 – 1.5m difference in soundings between the site surveys using data from the scouting and Flaxman surveys.

Correction checks on the FGSP from the P1-90 and P2-94 files have been generally < 0.5m however 3 sequences have been up to a 1m different.

NTBP Sequences:

001

Regards,
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