

## DAILY OPERATIONS REPORT # 4

### ANTARES 3D MARINE SEISMIC SURVEY

<b>Contractor:</b>	<b>PGS</b>	<b>Vessel:</b>	<b>Orient Explorer</b>
<b>Woodside Reps:</b>	<b>Ken Haig, Stephen Burt</b>	<b>Party Chief:</b>	<b>Stephen Beer</b>
<b>WEL project Manager:</b>	<b>Ralph Weiss</b>	<b>Date:</b>	<b>Monday 20<sup>th</sup> October 2003</b>

#### 1. PRODUCTION SUMMARY

No Production

<b>Time Activity Analysis</b>				
	<b>Period</b>	<b>(%)</b>	<b>Survey</b>	<b>(%)</b>
Weather	6.000	25	6.000	7
Travel t/f Port	0.000	0	4.250	5
Mobilisation	18.000	75	74.750	88
Total :	24.000	100	85.000	100

<b>Time Charge Analysis</b>				
	<b>Period</b>	<b>(%)</b>	<b>Survey</b>	<b>(%)</b>
Standby	6.000	25	6.000	7
Contractor	0.000	0	4.250	5
Mob/Demob	18.000	75	74.750	88
Total :	24.000	100	85.000	100

#### 2. TIME SUMMARY

October 20th, 2003

<b>Start</b>	<b>End</b>	<b>Hours</b>	<b>Description / Comments</b>	<b>Charge</b>
00:00	11:00	11.000	MOB/DeMOB (Mobilisation) Continue with the deployment of streamer 4 - add four new sections to the head of the streamer.	Mob/Demob
11:00	16:00	5.000	MOB/DeMOB (Mobilisation) Swell too large to deploy wide tow door for streamer 4, plus depth control is becoming increasingly difficult. Commence recovery prior to deploying streamer 1 for ballast checks and testing.	Mob/Demob
16:00	18:00	2.000	MOB/DeMOB (Mobilisation) Prepare and commence deployment of streamer 1 in very marginal conditions.	Mob/Demob
18:00	24:00	6.000	Weather (Weather) Weather and swell conditions have deteriorated further and the forecast does not show any real improvement for the next 24 hours. Cable depth control is impossible to maintain and there is a good chance that streamers may surface and damage occur. After a discussion it was agreed to stop all deployment and recover streamer 1 again and travel to Portland bay for shelter.	Standby
Total :		24.000		

#### Chase/Supply Vessel Status:

Perfect Lady remains in Port Fairy during rough weather.  
Southern Salvor on site with the Orient Explorer for the full period.

#### Problems / Comments:

Continued with the deployment and testing of streamer 4. Once complete, an attempt to deploy the wide tow door was abandoned due to heavy rolling in rough seas. Depth control of the streamer became quite erratic. An attempt then to deploy streamer 1 was made but this was in turn abandoned due to an increase in the swell, reaching 5 metres at times.

Both streamers have since been recovered and the vessel is going to anchor in sheltered waters in Portland bay till conditions and the forecasts indicate an improvement.

We have received the audit report for the Orient Explorer and the findings will be discussed with all concerned – I shall update and report on progress as we continue.

#### **Audit Issues**

We do have trained Helicopter Landing Officers on the vessel – certificates have been forwarded separately.

#### **Production Forecast:**

Due to continuing weather acquisition is not expected to commence till at least 25th October

#### **General Weather Comments:**

Winds steady 25-30 knots with a swell up to 4-5 metres. The forecast indicates a brief easing late on Tuesday, but then increasing again.

#### **Close of the day.**

Winds 25-30 knots, sea and swell 4-5 metres. The crew are recovering streamers 1 and 4. It is planned to take shelter at anchor close inshore to Portland Bay. We should anchor at approximately 07:00 hours local Victorian time.

### HSE Daily Statistics - 20/10/2003

#### Comments:

No accidents or lost time incidents reported. No spillage of oil or loss of containment overboard. Whale watches have been maintained - no sightings. Stop streamer deployment due to rough weather and large swell.

#### HSE Items:

Received the Audit findings for the Orient Explorer. I shall discuss these with the Party Chief and the Master and will update as we progress. Helicopter Landing Officer's Training Documentation from the vessel has been forwarded separately earlier this morning.

Description	Day	Month	Survey
<b>Incidents</b>			
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
<b>Events</b>			
Stop Cards Issued ( )	0	0	0
Small Boat Launches ( )	0	0	0
Helicopter Landing/Takeoff (HL)	0	0	0
MOB Drill (MD)	0	0	0
Fire Drill (FD)	0	0	0
Emergency Boat Drill (EBD)	0	0	0
Safety Meeting (SM)	0	0	0
Inspection Tour (IT)	0	2	2
Safety Committee Meeting (SCM)	0	0	0
Inspection/Tour (HSE)	0	2	2
Toolbox Meeting (TB)	0	1	1
<b>Totals</b>			
No. Marine Crew	28	113	113
No. Seismic Crew	21	84	84
No. Contractors	3	12	12
No. Lost Time Injuries	0	0	0
Exposure Hours *	624	2508	2508
Small Boat Hours (Decimal hours)	0.00	0.00	0.00
Small Boat Exposure Hours (Dec. hours)	0.00	0.00	0.00
Fuel Usage (Cubic Metres)	5	15	15
* Exposure hours calculated at 12hrs per day per person.			

**Navigation report submitted by Stephen Burt for Monday 20<sup>th</sup> October 2003**

Deployed cable 4 and repaired and ballasted the cable and recovered it later in the day continuing with cable 1 sea conditions remain bad.

Confirmed a few issues during the day namely the Geodial height is to be set at -1.6m for height aiding and that the crew should give evidence of the mast been correctly survey in. The elevation mask for the DGPS is to be lowered from 10 degrees to 8 degrees due to the satellite Number problem. Requested the DWG files of the bathy data are orientated to the North to allow vessel soundings to be easily checked. A DXF file of the bathy contours was sent to the vessel today but unfortunately only 1 layer has been plotted however it is in the correct orientation.

Proof read the minutes of the initial meeting and requested that a brief guide to the towing arrangements be added and in addition have read the procedures in the PGS Manual to become fully familiar with the operation.

Regards, Ken and Stephen