



SUE 3D Survey GAP04B

Daily Production Report

Contractor : WesternGeco (A) Pty. Ltd.	Source Interval (m): 18.75 m.(Flip/Flop)	Sample Rate: 2 ms.
Vessel: Western Trident	Group Interval (m): 12.5 m.	Record length: 5.0 sec.
Prospect: Offshore Victoria, Australia	No. of Channels : 384 / Cable	Nominal Fold: 64

Lines Acquired(Prefix = GAP04B)

Line No.	Status	Type	Seq. No.	Dir	Cables	FGSP	LGSP	Sail CMP Km	Prime Sail Km	FF Sq.Km.	Infill Km
1664P1	Complete	Prime	018	225°	8	1048	963	25.8000	1.6125		
1680P1	DNP	Scratch	019	45°							
1680P1	DNP	Scratch	019	45°							
1680P1	Incomplete	Prime	019	45°	8	1866	3427	468.6000	29.2875	10.7550	
1952P1	Complete	Prime	020	225°	8	3514	1222	687.9000	42.9938	16.2375	
1696P1	Midnight SP	Prime	021	45°	8	1096	3408	693.9000	43.3688	16.6275	

Daily Totals:	1876.2000	117.2625	43.6200	
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HSE Statistics

Incidents	Daily	Monthly	Survey
Near Miss			
First Aid			
Medical			
Restricted			
Lost Time		1	1

Reports

Hazard/RIR	1	20	20
Small Boat	1	3	3
Env. Incident			

Drills

Fire Drill			
Boat Drill			
MOB Drill			

Observations

Marine Fauna			
Ship Contacts			
Fishing Gear			

Consumables

Fuel(Cu.m)	29	204	204
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Acquisition Statistics

	Sail CMP Km	Prime Sail Km	FF Sq.Km	% of Total	Infill Km	% Infill
Daily	1876.2000	117.2625	43.6200	4.1%		
Monthly	14315.7000	894.7313	339.2475	31.2%		
Survey	14315.7000	894.7313	339.2475	31.2%		
Pre-plot	45889.5000	2868.09375	1073.3175	100.0%	---	---
Remaining	31573.8000	1973.36250	734.0700	68.8%	---	---

Chargeable Time Breakdown (Hrs)

	Daily	Monthly	Survey	Survey %		(Days)
Operations	19.83	140.05	140.05	83.4%	---	5.84
Standby	2.47	25.20	25.20	15.0%	---	1.05
Down Time	1.70	2.75	2.75	1.6%	---	0.11
Mob/Demob					---	
Other					---	
Total(All)	24.00	168.00	168.00	100.0%	---	7.00

Costing US\$:	Production	Standby	Mob	Demob	Other	Total
Daily	138833	17267	---	---		156100
Monthly	980350		---	---		980350
Survey:	980350	176400	---	---		1156750

Personnel

	Seismic		Marine		Others		Total	
	Man-days	Hours(24)	Man-days	Hours(24)	Man-days	Hours	Man-days	Hours
Daily	19	456	19	456	12	288	50	1200
Monthly	130	3120	134	3216	84	2016	348	8352
Survey	130	3120	134	3216	84	2016	348	8352

Activity Breakdown

	Act. Code	Daily Hrs.	Survey Hrs	% Survey		Act. Code	Daily Hrs	Survey Hrs	% Survey
(D) Acoustics Downtime	AD				(X) Other	OT			
(S) Client Request	CL				(O) Prime Line Change	LC	5.75	37.12	22.09%
(D) Compressor Downtime	CO				(O) Prime Production	PR	14.08	102.93	61.27%
(S) Configuration	CF				(D) Recording Instr. D/t	RD	0.63	0.63	0.38%
(D) Contractor	CT				(M) Recovery	MR			
(D) Crew Change/Personne	CC				(S) Scouting	SC			
(M) Deployment	MD				(S) Seismic Interference	SI			
(S) External Interference	EI				(S) Shipping/Fishing	SH			
(D) In Port/Re-supply	IP				(D) Source Controller D/t	EC			
(O) Infill Line Change	IC				(D) Source D/t	ED	1.07	2.12	1.26%
(O) Infill Production	IN				(D) Streamer Downtime	SD			
(S) Local Travel	LT		5.55	3.30%	(D) Strmr. Compass D/t	CP			
(S) Marine Fauna	EN				(S) Testing-Client Request	XT			
(M) Mob/Demob	MO				(S) Tides/Currents	TC	0.17	1.83	1.09%
(D) Nav. Buoy Downtime	NB				(O) Towing Downtime	TD			
(D) Nav. Signals Downtime	NS				(M) Transit	TR			
(D) Navigation Instr. D/t	ND				(D) Vessel Downtime	BD			
(S) Obstructions/Fouling	FO	2.30	9.60	5.71%	(S) Weather Standby	WX		8.22	4.89%

[O] = Operations : [M] = Mob/Demob : [S] = Standby : [X] = Other Non-Chargeable Time : [D] = Downtime

Daily Activity (Timezone = GMT + 11.0Hrs.)
Daily Report 22-Jan-05

From Hr:m	To Hr:m	Activity Code	Seq	Remarks	Line	FGSP	LGSP	FF CMP Km
00:00	00:12	PR	018	Line completed over midnight	1664P1	1048	963	25.8000
00:12	01:52	LC		Change of racetrack -heading for adjacent line 1680P				
01:52	02:52	FO		Extended teardrop line change to acquire lines towards Barracouta				
02:52	03:24	FO		Soft start of source				
03:24	04:02	RD	019	Recording system hang up - Scratch	1680P1	1094	1399	
04:02	05:06	ED	019	Separation rope failed between sub-arrays 3 & 4	1680P1	1400	1865	
05:06	08:25	PR	019	Incomplete line d/t technical problems	1680P1	1866	3427	468.6000
08:25	10:15	LC		Heading for line 1952P				
10:15	10:28	FO		Long line change around Barracouta				
10:28	11:01	FO		Soft start of source				
11:01	16:04	PR	020	Line complete.	1952P1	3514	1222	687.9000
16:04	17:48	LC		Heading for line 1696P				
17:48	17:54	LC		Soft start of source				
17:54	18:19	LC		Longer line change d/t survey shape & maintaining line heading towards Barracouta				
18:19	18:29	TC		Delay due to opposing current				
18:29	24:00	PR	021	Continued over midnight	1696P1	1096	3408	693.9000

Remarks:

Long line change at start of day in order to teardrop back and maintain 45deg heading on lines closest to Barracouta. During the line change there were some problems with MSX which continued during the first part of seq. 19, however recording was subsequently halted when a separation rop parted on source 1. After whilst source repairs were under way a false high temperature reading caused the Port engine to shutdown which delayed redeployment of the source, the problem was traced to a faulty sensor. Recording was restarted with FGSP of 1866.

Due to the change in acquisition pattern the nominal line changes in the SW will be approx 2.25 hrs due to the survey shape in the SW. This maintains the central swath on a heading towards Barracouta.

Note that the Lady Roula picke up two passengers yesterday from Lakes Entrance after departing at 22:30

Change of acquisition pattern

HSE

Workboat used to transfer oncoming/offgoing personnel between Lady Roula, Trident & OMS Pioneer, mate offgoing, mate and seismic mechanic oncoming whilst deployed also carried out some streamer maintenance
Medic held training courses for first aid in small boats. Safety induction conducted for new mate.

Weather

Wind SE 15 kts, Sea 1.0-2.0 m.

Forecast: Southeast/southwest winds to 10knots. Afternoon inshore seabreezes to 20knots. Seas 1 to 2 metres. West to southwest and east to southeasterly swells around 1 metre.

Current Status:

Line 1696 was completed folowed by a long turn around Barracouta heading for line 1968P

Party Chief: Ian Halfpenny

Client Rep: Jon Evan-Cook