



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
1920P1	Complete	Prime	015	45°	8	2467	3617	345.3000	21.5813	7.6725	
1648P1	Complete	Prime	016	225°	8	3266	961	691.8000	43.2375	16.3350	
1936P1	Complete	Prime	017	45°	8	1329	3629	690.3000	43.1438	16.2975	
1664P1	Midnight SP	Prime	018	225°	8	3286	1049	671.4000	41.9625	16.7850	

Daily Totals:	2398.8000	149.9250	57.0900	
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HSE Statistics

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

Reports

Hazard/RIR	1	19	19
Small Boat		2	2
Env. Incident			

Drills

Fire Drill			
Boat Drill			
MOB Drill			

Observations

Marine Fauna			
Ship Contacts			
Fishing Gear			

Consumables

Fuel(Cu.m)	29	175	175
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Acquisition Statistics

	Sail CMP Km	Prime Sail Km	FF Sq.Km	% of Total	Infill Km	% Infill
Daily	2398.8000	149.9250	57.0900	5.2%		
Monthly	12439.5000	777.4688	295.6275	27.1%		
Survey	12439.5000	777.4688	295.6275	27.1%		
Pre-plot	45889.5000	2868.09375	1073.3175	100.0%	---	---
Remaining	33450.0000	2090.62500	777.6900	72.9%	---	---

Chargeable Time Breakdown (Hrs)

	Daily	Monthly	Survey	Survey %		(Days)
Operations	22.28	120.22	120.22	83.5%	---	5.01
Standby	1.72	22.73	22.73	15.8%	---	0.95
Down Time		1.05	1.05	0.7%	---	0.04
Mob/Demob					---	
Other					---	
Total(All)	24.00	144.00	144.00	100.0%	---	6.00

Costing US\$:	Production	Standby	Mob	Demob	Other	Total
Daily	155983	12017	---	---		168000
Monthly	841517		---	---		841517
Survey:	841517	159133	---	---		1000650

Personnel

	Seismic		Marine		Others		Total	
	Man-days	Hours(24)	Man-days	Hours(24)	Man-days	Hours	Man-days	Hours
Daily	18	432	19	456	12	288	49	1176
Monthly	111	2664	115	2760	72	1728	298	7152
Survey	111	2664	115	2760	72	1728	298	7152

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	5.50	31.37	21.78%
(D) Compressor Downtime	CO				(O) Prime Production	PR	16.78	88.85	61.70%
(S) Configuration	CF				(D) Recording Instr. D/t	RD			
(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		1.05	0.73%
(O) Infill Production	IN				(D) Streamer Downtime	SD			
(S) Local Travel	LT		5.55	3.85%	(D) Strmr. Compass D/t	CP			
(S) Marine Fauna	EN				(S) Testing-Client Request	XT			
(M) Mob/Demob	MO				(S) Tides/Currents	TC	0.28	1.67	1.16%
(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	1.43	7.30	5.07%	(S) Weather Standby	WX		8.22	5.71%

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

Daily Activity (Timezone = GMT + 11.0Hrs.)
Daily Report 21-Jan-05

From Hr:m	To Hr:m	Activity Code	Seq	Remarks	Line	FGSP	LGSP	FF CMP Km
00:00	02:17	PR	015	Completed line over midnight	1920P1	2467	3617	345.3000
02:17	04:07	LC		Heading for line 1648P				
04:07	04:28	FO		Extended line change around Barracouta				
04:28	05:05	FO		Soft start of source				
05:05	10:01	PR	016	Line complete - Dolphin close pass TB-1 CPA 381m	1648P1	3266	961	691.8000
10:01	11:31	LC		Heading for line 1936P				
11:31	11:51	LC		Soft start of source				
11:51	12:08	TC		Slow line change due to current from ahead.				
12:08	16:57	PR	017	Line complete	1936P1	1329	3629	690.3000
16:57	18:25	LC		Heading for line 1664P				
18:25	18:47	LC		Soft start of source				
18:47	19:15	FO		Extended line change around Barracouta				
19:15	24:00	PR	018	Line continued over midnight	1664P1	3286	1049	671.4000

Remarks:

Winds strengthened this morning bring more swell for a period but acquisition was not significantly affected. Analysis of the speeds so far show an average of 4.74kt which is somewhat short of Apache's requirement of 5.2kts. Turns are also slower than 5.2kts especially during the turn when such a speed would put excessive strain on the outer wings. Currents have varied from SW'ly to NE'ly a with speed of 0.5-1.5 kts as measured onboard. This looks about 0.5kts higher than the predictions we have been given. The speed reduction is exacerbated when winds and currents are both against the vessel's heading.

Crew are preparing a data shipment for the OMS Pioneer which will be going in on Sunday for supplies. The acquisition plan is to try and complete the Perch Dolphin close passes before Pioneer departs if possible.

Seq. 016 - Missed first 8 sps due to source controller hang-up, considered complete.

HSE

One close pass south of Dolphin with a CPA for TB1 of 381m. Captain, PC and Apache Representative were in attendance on the bridge. This was the last close pass on Dolphin.

Training classes in the use of the defibrillator have been held by the crew's medic.

Weather

Wind SW 30 kts, Sea 3.0 m. Conditions eased during the afternoon but not sufficiently to allow for planned supply boat operations. Forecast: W'ly winds 10-15 kts tending S-SW'ly 10-15 kts. Seas 1-1.5 m. W-SW swell ~1 metre. E'ly swell 1-1.5 m. abating.

Current Status:

Line 1664P completed shortly after midnight. Long teardrop turn to come back on adjacent line, changing race track and avoiding awkward turn around Barracouta. Acquisition to the SW will be on the long south eastern lines 1952-2064.

Party Chief: Ian Halfpenny
Client Rep: Jon Evan-Cook