



ACQUISITION REPORT Sequence-0108



Survey:

Client BHPBP
Area Vic/P45 Gippsland
Basin
Vessel GECO_BETA
JobNumber 9227
Survey Type 8 STREAMER DUAL
SOURCE

Sequence:

Linename GP021904P108
Preplot GP021904
Direction 18.0°
SOL Date 01:37:51utc 16-Sep-
2002
EOL Date 04:11:20utc 16-Sep-
2002

Attributes:

Wind Force	10.0	[knots]	Dir NE
Swell Height	3.0	[meters]	Dir NE
Propellor rpm	138	[avg]	
Propellor pitch	83	[avg]	

	SOL	EOL	
Waterdepth	68.0	76.0	[meters]
Bottomspeed	4.5	4.5	[knots]
Featherangle	sb +18.5	sb +2.9	[deg]
Cable noise	16.8	13.6	[µBar rms]
Lowcut filter	3	3	[hz]
Filter slope	18	18	[dB]
Filter Slope	18	18	
Port Volume	3542.0	3542.0	
Stbd Volume	3542.0	3542.0	

Source Configuration

Source Number	Position	Inline Offset [m]	Crossline Offset [m]	Nominal Depth [m]	Nom. Vol. [inch ³]	Subarray Count	Gun Count
1	STBD	-345.0	25.0	-7.0	3542.0	3	24
2	PORT	-345.0	-25.0	-7.0	3542.0	3	24

Streamer Configuration

Streamer Number	Position	Inline Offset [m]	Crossline Offset [m]	Nominal Depth [m]	Length [m]	Type	Group Interval [m]	Channel Count	Front-Tail
1	STBD	-520.0	350.0	-8.0	4600	Nessie-3	12.5	368	0001-0368
2	STBD	-520.0	250.0	-8.0	4600	Nessie-3	12.5	368	0369-0736
3	STBD	-520.0	150.0	-8.0	4600	Nessie-3	12.5	368	0737-1104
4	STBD	-520.0	50.0	-8.0	4600	Nessie-3	12.5	368	1105-1472
5	PORT	-520.0	-50.0	-8.0	4600	Nessie-3	12.5	368	1473-1840
6	PORT	-520.0	-150.0	-8.0	4600	Nessie-3	12.5	368	1841-2208
7	PORT	-520.0	-250.0	-8.0	4600	Nessie-3	12.5	368	2209-2576
8	PORT	-520.0	-350.0	-8.0	4600	Nessie-3	12.5	368	2577-2944

Recording Configuration

Channel Set	Descr. Format	Recording	Data Reduction	RecLen [ss ¹]	Sample Int. [ms]	Chan In	Chan # In	Chan Out	Chan # Out	Filter Delay [ms]
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1	NFH	SEGD 8015, Rev.2	NONE	6.0	0.25	0036	0001-0036	0036	0001 - 0036	0.00
2	SEIS	SEGD 8015, Rev.2	NONE	6.0	2.0	0368	0001-0368	0368	0001 - 0368	5.60
3	SEIS	SEGD 8015, Rev.2	NONE	6.0	2.0	0368	0369-0736	0368	0369 - 0736	5.60
4	SEIS	SEGD 8015, Rev.2	NONE	6.0	2.0	0368	0737-1104	0368	0737 - 1104	5.60
5	SEIS	SEGD 8015, Rev.2	NONE	6.0	2.0	0368	1105-1472	0368	1105 - 1472	5.60
6	SEIS	SEGD 8015, Rev.2	NONE	6.0	2.0	0368	1473-1840	0368	1473 - 1840	5.60
7	SEIS	SEGD 8015, Rev.2	NONE	6.0	2.0	0368	1841-2208	0368	1841 - 2208	5.60
8	SEIS	SEGD 8015, Rev.2	NONE	6.0	2.0	0368	2209-2576	0368	2209 - 2576	5.60
9	SEIS	SEGD 8015, Rev.2	NONE	6.0	2.0	0368	2577-2944	0368	2577 - 2944	5.60

Production

	Shotpoint	File	Time [utc]			
SOL Noise Record(s)		3291 - 3290				
SOL Dummy Record(s)	3289 - 3260	3289 - 3260	01:33:44 - 01:37:42			
FSP Start of Line	3259	3259	01:37:51			
MSP						
LSP End of Line	2074	2074	04:11:20			
EOL Dummy Record(s)						
EOL Noise Record(s)		2073 - 2072				
<u>Line-segments:</u>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
3259 - 2074	3259 - 2074	01:37:51-04:11:20	Prime	16	Valid	
<u>Remarks:</u>						
Navigation		Streamer depth 8mtrs				
Recording QC		Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1008mB.				

Tape-list

Stream 1			
Shot(s)	Files	Deck Reel	Remark
3291 - 2862	3291 - 2862	1 467	
2861 - 2432	2861 - 2432	2 468	
2431 - 2073	2431 - 2073	2 469	
Stream 2			
Shot(s)	Files	Deck Reel	Remark

Shot(s)	Files	Deck	Reel	Remark
3291 - 2862	3291 - 2862	4	467	
2861 - 2432	2861 - 2432	3	468	
2431 - 2073	2431 - 2073	4	469	

Seismic Data Annotations

NTBP

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	1492	Weak Trace(s)	Trace signal less than -6dB of nominal value
ALL	ALL	109, 243, 1553, 1657, 1991, 2178	Spiking Trace(s)	
ALL	ALL	304, 1273	Noisy Trace(s)	
ALL	ALL-	161, 1846, 1983	Killed traces	
3065-3046	3065-3046	2234-2257	Bird depth out of spec	Bird C7-3
3058-3053	3058-3053	2258-2281	Bird depth out of spec	Bird C7-4
2539-2537	2539-2537	ALL	Gun disabled	No Fire on all guns due to loss of aimpoint message
2324-2306	2324-2306	2606-2649	Bird depth out of spec	Bird C8-4
2321	2321	ALL	Gun timing error	Gun 2-1 error (ms) : -1.6
2317-2293	2317-2293	2674-2697	Bird depth out of spec	Bird C8-6

Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
3217-3206	3217-3206	2282-2305	Bird depth out of spec	Bird C7-5
3209-3194	3209-3194	2606-2649	Bird depth out of spec	Bird C8-4
3199-3185	3199-3185	2234-2257	Bird depth out of spec	Bird C7-3
3186-3166	3186-3166	2602-2625	Bird depth out of spec	Bird C8-3
3183-3170	3183-3170	2606-2649	Bird depth out of spec	Bird C8-4
3133-3114	3133-3114	2234-2257	Bird depth out of spec	Bird C7-3
3100-3090	3100-3090	2606-2649	Bird depth out of spec	Bird C8-4
3086	3086	ALL	External header lost	
3067-	3067-	2626-2649	Bird depth out of	Bird C8-4

3052	3052		spec	
3055-3046	3055-3046	2602-2625	Bird depth out of spec	Bird C8-3
3046-3037	3046-3037	2626-2649	Bird depth out of spec	Bird C8-4
2724	2724	ALL	Gun timing error	Gun 6-1 error (ms) : -1.6
2632-2626	2632-2626	2602-2625	Bird depth out of spec	Bird C8-3
2624-2607	2624-2607	2258-2281	Bird depth out of spec	Bird C7-4
2619-2609	2619-2609	2282-2305	Bird depth out of spec	Bird C7-5
2618-2603	2618-2603	2626-2649	Bird depth out of spec	Bird C8-4
2560-2546	2560-2546	2258-2281	Bird depth out of spec	Bird C7-4
2555-2544	2555-2544	2602-2625	Bird depth out of spec	Bird C8-3
2555-2536	2555-2536	2650-2673	Bird depth out of spec	Bird C8-5
2551-2540	2551-2540	2282-2305	Bird depth out of spec	Bird C7-5
2538-2527	2538-2527	2626-2649	Bird depth out of spec	Bird C8-4
2524	2524	ALL	Gun timing error	Gun 6-1 error (ms) : -1.6
2462	2462	ALL	Gun timing error	Gun 6-1 error (ms) : -1.6
2332-2325	2332-2325	2606-2649	Bird depth out of spec	Bird C8-4
2328-2315	2328-2315	2602-2625	Bird depth out of spec	Bird C8-3
2326-2304	2326-2304	2378-2401	Bird depth out of spec	Bird C7-9
2325-2315	2325-2315	2650-2673	Bird depth out of spec	Bird C8-5
2324-2318	2324-2318	2674-2697	Bird depth out of spec	Bird C8-6
2320-2272	2320-2272	2698-2721	Bird depth out of spec	Bird C8-7
2315-2220	2315-2220	1-170	Streamer noise	Low frequency noise dt currents approx 25uB
2315-2220	2315-2220	369-538	Streamer noise	Low frequency noise dt currents approx 25uB
2315-2220	2315-2220	737-906	Streamer noise	Low frequency noise dt currents approx 25uB
2315-2220	2315-2220	1105-1274	Streamer noise	Low frequency noise dt currents approx 25uB
2315-2220	2315-2220	1473-1642	Streamer noise	Low frequency noise dt currents approx 25uB
2315-	2315-	1841-2010	Streamer noise	Low frequency noise dt currents approx

2150	2150			25uB
2315-2150	2315-2150	2209-2378	Streamer noise	Low frequency noise dt currents approx 25uB
2315-2150	2315-2150	2577-2746	Streamer noise	Low frequency noise dt currents approx 25uB
2310-2277	2310-2277	2650-2673	Bird depth out of spec	Bird C8-5
2305-2254	2305-2254	2606-2649	Bird depth out of spec	Bird C8-4
2290-2269	2290-2269	2674-2697	Bird depth out of spec	Bird C8-6
2261-2227	2261-2227	2378-2401	Bird depth out of spec	Bird C7-9
2259-2255	2259-2255	2650-2673	Bird depth out of spec	Bird C8-5
2254	2254	2602-2625	Bird depth out of spec	Bird C8-3
2252-2249	2252-2249	2606-2649	Bird depth out of spec	Bird C8-4
2237-2228	2237-2228	2378-2401	Bird depth out of spec	Bird C7-9
2202-2188	2202-2188	394-417	Bird depth out of spec	Bird C2-3
2201-2200	2201-2200	50-73	Bird depth out of spec	Bird C1-4

Comment

Shot(s)	File(s)	Trace(s)	Type	Remark
3259-2600	3259-2600	ALL	Swell Noise	Affecting 30% of traces, ave RMS 16uB
2599-2500	2599-2500	ALL	Swell Noise	Affecting 25% of traces, ave RMS 12uB

List of used abbreviations:

SOL/EOL	Start/End of line.	Deg	Degrees: e[0,360]
FSP/LSP	First/Last shotpoint of the line.	rev	Revolutions
FCSP/LCSP	First/Last chargeable shotpoint	utc	Universal Time Coordinated
MSP	Midnight (last) shotpoint of the day	SPs	Shotpoints
FGSP/LGSP	First/Last Good Shotpoint	CMPs	Common midpoints
FOSP/LOSP	First/Last Overlap Shotpoint	NTBP	Not to be processed
FSP/LSP R/O	First/Last Shotpoint Runout	SI	Seismic interference