



ACQUISITION REPORT Sequence-0037



Survey:

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

Sequence:

Linename GP021696P037
Preplot GP021696
Direction 18.0°
SOL Date 01:20:17utc 21-Aug-2002
EOL Date 07:02:41utc 21-Aug-2002

Attributes:

Wind Force 12.0 [knots] Dir NW
Swell Height 1.0 [meters] Dir S
Propellor rpm 135 [avg]
Propellor 90 [avg]
pitch

SOL EOL
Waterdepth 68.4 77.0 [meters]
Bottomspeed 3.65 3.9 [knots]
Featherangle sb +18.5 sb +10.2 [deg]
Cable noise 8.6 7.4 [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)		3277 - 3276				
SOL Dummy Record(s)	3275 - 3266	3275 - 3266	01:18:39 - 01:20:07			
FSP Start of Line	3265	3265	01:20:17			
MSP						
LSP End of Line	878	878	07:02:41			
EOL Dummy Record(s)						
EOL Noise Record(s)		877 - 876				
<u>Line-segments:</u>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
3265 - 878	3265 - 878	01:20:17-07:02:41	Prime	16	Valid	
<u>Remarks:</u>						
Navigation	Streamer depth 8mtrs					
Recording QC	Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1025mB. High noise value, bend in cables @ SOL d/t short run-in.					

Tape-list

Stream 1				
Shot(s)	Files	Deck Reel		Remark
3277 - 2848	3277 - 2848	1	174	
2847 - 2418	2847 - 2418	2	175	
2417 - 1988	2417 - 1988	1	176	

2417 - 1988	2417 - 1988	1	176
1987 - 1558	1987 - 1558	2	177
1557 - 1128	1557 - 1128	1	178
1127 - 876	1127 - 876	2	179

Stream 2

Shot(s)	Files	Deck Reel	Remark
3277 - 2848	3277 - 2848	3	174
2847 - 2418	2847 - 2418	4	175
2417 - 1988	2417 - 1988	3	176
1987 - 1558	1987 - 1558	4	177
1557 - 1128	1557 - 1128	3	178
1127 - 876	1127 - 876	4	179

Seismic Data Annotations

NTBP

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	248, 304, 1303, 2345	Noisy Trace(s)	
ALL	ALL	1492, 1983	Weak Trace(s)	Trace signal less than -6dB of nominal value
ALL	ALL	1657, 1991, 243	Spiking Trace(s)	
ALL	ALL	161, 1846	Killed Traces	Multiples and late arrivals observed in the data.
3026-3019	3026-3019	2626-2649	Bird depth out of spec	Bird 8-4 max 10.4
2682	2682	ALL	External header lost	
2156-2126	2156-2126	2577, 2593, 2609, 2625, 2641, 2657, 2673, 2689, 2705, 2721, 2737, 2753, 2769, 2785, 2801, 2817, 2833, 2849, 2865, 2881, 2897, 2913, 2929	Parity errors	Parity errors on Str 8 line 1

Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
2941	2941	ALL	Gun timing error	Gun 2-3 error (ms) : -1.3
2929	2929	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2751	2751	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2701-	2701-	NONE	Bird depth out of	Bird C8-4

2691	2691		spec	
2681-2670	2681-2670	NONE	Bird depth out of spec	Bird C8-4
2627	2627	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2141	2141	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
1813	1813	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1654-1644	1654-1644	NONE	Bird depth out of spec	Bird C2-3
1621	1621	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1586-1576	1586-1576	NONE	Bird depth out of spec	Bird C2-3
1509	1509	ALL	Gun timing error	Gun 2-3 error (ms) : -1.4
1475	1475	ALL	Gun timing error	Gun 2-1 error (ms) : -1.6
1351	1351	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1219	1219	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1111	1111	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
997	997	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1

Comment

Shot(s)	File(s)	Trace(s)	Type	Remark
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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