



ACQUISITION REPORT Sequence-0008



Survey:

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

Sequence:

Linename GP021264P008
Preplot GP021264
Direction 198.0°
SOL Date 21:01:42utc 10-Aug-2002
EOL Date 00:58:20utc 11-Aug-2002

Attributes:

Wind Force 15.0 [knots] Dir N
Swell Height 1.0 [meters] Dir NE
Propellor rpm 135 [avg]
Propellor 80 [avg]
pitch

SOL EOL

Waterdepth 165.0 73.0 [meters]
Bottomspeed 4.7 4.6 [knots]
Featherangle port -9.8 sb +10.6 [deg]
Cable noise 10.7 3.2 [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)		1254 - 1255				
SOL Dummy Record(s)	1256 - 1265	1256 - 1265	21:00:23 - 21:01:34			
FSP Start of Line	1266	1266	21:01:42			
MSP	2645	2645	23:59:53			
LSP End of Line	3101	3101	00:58:20			
EOL Dummy Record(s)						
EOL Noise Record(s)		3102 - 3103				
<u>Line-segments:</u>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
1266 - 3101	1266 - 3101	21:01:42- 00:58:20	Prime	16	Valid	
<u>Remarks:</u>						
Navigation	Streamer depth 8.0 mtr					
Recording QC	Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1018mB. High noise value, bend in cables @ SOL d/t short run-in.					

Tape-list

Stream 1				
Shot(s)	Files	Deck Reel		Remark
1254 - 1683	1254 - 1683	1	36	
1684 - 2113	1684 - 2113	2	37	
2114 - 2543	2114 - 2543	1	38	

2114 - 2543	2114 - 2543	1	38
2544 - 2973	2544 - 2973	2	39
2974 - 3103	2974 - 3103	1	40
Stream 2			
Shot(s)	Files	Deck Reel	Remark
1254 - 1683	1254 - 1683	4	36
1684 - 2113	1684 - 2113	3	37
2114 - 2543	2114 - 2543	4	38
2544 - 2973	2544 - 2973	3	39
2974 - 3103	2974 - 3103	4	40

Seismic Data Annotations

NTBP

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL-	109	Killed traces	
ALL	ALL	161, 304, 2345	Noisy Trace(s)	
ALL	ALL	1657	Spiking Trace(s)	Occ spiking
ALL	ALL	2497, 1492	Weak Trace(s)	Trace signal less than -6dB of nominal value
1748-1758	1748-1758	2258-2281	Bird depth out of spec	Bird C7-4 max depth 10.2 mtrs
1864-1908	1864-1908	2222-2276	Monowing wash	Low frequency, high amplitude noise due to monowing wash
2008-2027	2008-2027	2234-2257	Bird depth out of spec	Bird C7-3 max depth 10.7
2008-2038	2008-2038	2258-2281	Bird depth out of spec	Bird C7-4 max depth 11.0
2039	2039	ALL	External header lost	
2047-2070	2047-2070	2626-2649	Bird depth out of spec	Bird C8-4 max depth 10.3
2787	2787	ALL	Gun timing error	Gun 1-4 error (ms) : 1.5
2787-2795	2787-2795	2234-2257	Bird depth out of spec	Bird C7-3 max 10.5 mtrs
2795-2832	2795-2832	2626-2649	Bird depth out of spec	Bird C8-4 max 11.0 mtrs
2799-2812	2799-2812	2602-2625	Bird depth out of spec	Bird C8-3 max 10.5 mtrs
2804-2837	2804-2837	2650-2673	Bird depth out of spec	Bird C8-5 max 11.7 mtrs
2812-2846	2812-2846	2674-2697	Bird depth out of spec	Bird C8-6 max 12.4 mtrs
2829-2848	2829-2848	2698-2721	Bird depth out of spec	Bird C8-7 max 10.6 mtrs

Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	1-17, 22, 369-381, 737-742, 744, 748, 752, 764, 1841-1851, 1857, 1862, 2209-2225, 2228, 2230-2231, 2577-2601, 2603	Slope alarm	> 5% of total line
1298	1298	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
1745-1753	1745-1753	NONE	Bird depth out of spec	Bird C7-3 max depth 9.7 mtrs
1799	1799	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2010-2046	2010-2046	ALL	Bird depth out of spec	Bird C7-5 max depth 10.2
2029-2076	2029-2076	ALL	Bird depth out of spec	Bird C8-5 max depth 9.7
2043-2082	2043-2082	ALL	Bird depth out of spec	Bird C8-6 max depth 9.9
2066-2079	2066-2079	ALL	Bird depth out of spec	Bird C8-7 max depth 9.5
2301	2301	ALL	Gun timing error	Gun 1-4 error (ms) : 1.5
2946-2951	2946-2951	NONE	Bird depth out of spec	Bird C8-4 max 10.1 mtrs
2959	2959	ALL	Gun timing error	Gun 1-4 error (ms) : 1.2
3089-3101	3089-3101	NONE	Bird depth out of spec	Bird C3-17 max 9.6m
3092-3094	3092-3094	NONE	Bird depth out of spec	Bird C7-9 max 9.8m

Comment

Shot(s)	File(s)	Trace(s)	Type	Remark
1620-3074	1620-3074	ALL	Strong reflection	Multiples and late arrivals seen on all cables.

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
		SI	Seismic interference

FSP/LSP R/O	First/Last Shotpoint Runout	
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TRILOGY INFORMATION MANAGER - ACQUISITION REPORT - GENERATED 18:37:51utc 22-Aug-2002