



ACQUISITION REPORT Sequence-0036



Survey:

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

Sequence:

Linename GP021584P036
Preplot GP021584
Direction 198.0°
SOL Date 17:48:54utc 20-Aug-2002
EOL Date 22:56:17utc 20-Aug-2002

Attributes:

Wind Force 16.0 [knots] Dir WNW
Swell Height 1.0 [meters] Dir W
Propellor rpm 135 [avg]
Propellor 75 [avg]
pitch

SOL EOL
Waterdepth 94.0 65.0 [meters]
Bottomspeed 4.5 4.8 [knots]
Featherangle port -1.8 port -8.8 [deg]
Cable noise 7.4 6.6 [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)		989 - 990				
SOL Dummy Record(s)	991 - 1000	991 - 1000	17:47:33 - 17:48:46			
FSP Start of Line	1001	1001	17:48:54			
MSP						
LSP End of Line	3391	3391	22:56:17			
EOL Dummy Record(s)						
EOL Noise Record(s)		3392 - 3392				
<u>Line-segments:</u>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
1001 - 3391	1001 - 3391	17:48:54-22:56:17	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 1025mB.				

Tape-list

Stream 1				
Shot(s)	Files	Deck Reel		Remark
989 - 1418	989 - 1418	2	168	
1419 - 1848	1419 - 1848	1	169	
1849 - 2278	1849 - 2278	2	170	
2279 - 2708	2279 - 2708	1	171	
2709 - 3138	2709 - 3138	2	172	
3139 - 3392	3139 - 3392	1	173	

3139 - 3392	3139 - 3392	1	173	
Stream 2				
Shot(s)	Files	Deck Reel		Remark
989 - 1418	989 - 1418	4	168	
1419 - 1848	1419 - 1848	3	169	
1849 - 2278	1849 - 2278	4	170	
2279 - 2708	2279 - 2708	3	171	
2709 - 3138	2709 - 3138	4	172	
3139 - 3392	3139 - 3392	3	173	

Seismic Data Annotations

NTBP

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL-3390	161	Killed traces	
ALL	ALL-3390	1846	Killed traces	
ALL	ALL	304, 1303, 2345	Noisy Trace(s)	
ALL	ALL	1657, 1991, 243	Spiking Trace(s)	
ALL	ALL	1492, 1983	Weak Trace(s)	Trace signal less than -6dB of nominal value
2932-2996	2932-2996	2626-2649	Bird depth out of spec	Bird 8-4 max 11.1
2943-2977	2943-2977	242-265	Bird depth out of spec	Bird 1-12 max 10.7
2974-2984	2974-2984	2602-2625	Bird depth out of spec	Bird C8-3 max 10.4

Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	1-12, 15-16, 369-379, 381, 737-738, 741, 744-748, 750-752, 764, 2209-2225, 2228, 2231, 2577-2595, 2597-2600	Slope alarm	> 5% of total line
1015-1144	1015-1144	NONE	Bird depth out of spec	Bird 1-12 max 10.1 m
1404-1422	1404-1422	NONE	Bird depth out of spec	Bird 2-16 max 10.0 m
1420-1540	1420-1540	ALL	Rip current noise	Low amp rip current noise seen.

1649	1649	ALL	Gun timing error	Gun 2-3 error (ms) : -1.5
1715	1715	ALL	Gun timing error	Gun 2-3 error (ms) : -1.3
1880- 2150	1880- 2150	ALL	Ship Noise	Ext ships noise from astern approx 20-30uB moveout 2.0 sec
2339	2339	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2928- 2982	2928- 2982	NONE	Bird depth out of spec	Bird 7-9 max 10.0 m
2930- 3200	2930- 3200	ALL	Rip current noise	Low amp rip current noise seen
3115	3115	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.
FSP/LSP	First/Last shotpoint of the line.
FCSP/LCSP	First/Last chargeable shotpoint
MSP	Midnight (last) shotpoint of the day
FGSP/LGSP	First/Last Good Shotpoint
FOSP/LOSP	First/Last Overlap Shotpoint
FSP/LSP R/O	First/Last Shotpoint Runout

Deg	Degrees: e[0,360]
rev	Revolutions
utc	Universal Time Coordinated
SPs	Shotpoints
CMPs	Common midpoints
NTBP	Not to be processed
SI	Seismic interference