



ACQUISITION REPORT Sequence-0055



Survey:

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

Sequence:

Linename GP021520P055
Preplot GP021520
Direction 198.0°
SOL Date 13:36:54utc 27-Aug-
2002
EOL Date 18:17:08utc 27-Aug-
2002

Attributes:

Wind Force	17.0	[knots]	Dir NE
Swell Height	1.0	[meters]	Dir SE
Propellor rpm	135	[avg]	
Propellor pitch	91	[avg]	

	SOL	EOL	
Waterdepth	102.0	65.0	[meters]
Bottomspeed	5.2	4.9	[knots]
Featherangle	sb +15.8	port -7.4	[deg]
Cable noise	8.0	6.7	[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	13:35:45 - 13:36:47			
FSP Start of Line MSP	1001	1001	13:36:54			
LSP End of Line	3393	3393	18:17:08			
EOL Dummy Record(s)						
EOL Noise Record(s)		3394 - 3395				
<u>Line-segments:</u>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
1001 - 3393	1001 - 3393	13:36:54-18:17:08	Prime	16	Valid	
<u>Remarks:</u>						
Navigation	Streamer depth 8mtrs					
Recording QC	Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1030mB. High noise value, bend in cables @ SOL d/t short run-in.					

Tape-list

Stream 1				
Shot(s)	Files	Deck Reel		Remark
989 - 1418	989 - 1418	1	264	
1419 - 1848	1419 - 1848	2	265	
1849 - 2278	1849 - 2278	1	266	

1849 - 2278	1849 - 2278	1	266
2279 - 2708	2279 - 2708	2	267
2709 - 3138	2709 - 3138	1	268
3139 - 3395	3139 - 3395	2	269

Stream 2

Shot(s)	Files	Deck	Reel	Remark
989 - 1418	989 - 1418	3	264	
1419 - 1848	1419 - 1848	4	265	
1849 - 2278	1849 - 2278	3	266	
2279 - 2708	2279 - 2708	4	267	
2709 - 3138	2709 - 3138	3	268	
3139 - 3395	3139 - 3395	4	269	

Seismic Data Annotations

NTBP

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	161, 1846	Killed Traces	
ALL	ALL	1492	Weak Trace(s)	Trace signal less than -6dB of nominal value
ALL	ALL	243, 1991, 109	Spiking Trace(s)	
ALL	ALL	304	Noisy Trace(s)	
1379	1379	ALL	External header lost	
1520	1520	ALL	External header lost	
1698	1698	ALL	External header lost	
2000	2000	ALL	External header lost	
2304	2304	ALL	External header lost	
2522-2565	2522-2565	2626-2649	Streamer depth	Streamer depth out of spec, Bird 8-4 max 10.6 m.
2683-2736	2683-2736	2626-2649	Streamer depth	Streamer depth out of spec, Bird 8-4 max 10.9 m.
2760-2788	2760-2788	2378-2401	Streamer depth	Streamer depth out of spec, Bird 7-9 max 10.2 m.

Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	1-12, 369-377, 379, 381, 737-738, 741, 745-748, 751-752, 758, 764, 2209-2225, 2228, 2231, 2577-2595, 2597-2600	Slope alarm	> 5% of total line

1027	1027	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
1063	1063	ALL	Gun timing error	Gun 2-3 error (ms) : -1.3
1324	1324	ALL	Gun timing error	Gun 4-5 error (ms) : -1.3
1342	1342	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
1437	1437	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1510	1510	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
1563	1563	ALL	Gun timing error	Gun 2-3 error (ms) : -1.4
2083	2083	ALL	Gun timing error	Gun 2-3 error (ms) : -1.4
2181	2181	ALL	Gun timing error	Gun 2-3 error (ms) : -1.3
2227- 2862	2227- 2862	NONE	Streamer depth	Streamer depth out of spec, Bird 7-9 max 9.8 m.
2250- 2609	2250- 2609	NONE	Streamer depth	Streamer depth out of spec, Bird 8-6 max 9.5 m.
2282- 2358	2282- 2358	NONE	Streamer depth	Streamer depth out of spec, Bird 1-12 max 10.1 m.
2521- 2556	2521- 2556	NONE	Streamer depth	Streamer depth out of spec, Bird 8-3 max 9.7 m.
2677- 2793	2677- 2793	NONE	Streamer depth	Streamer depth out of spec, Bird 8-6 max 10.1 m.
2681- 2747	2681- 2747	NONE	Streamer depth	Streamer depth out of spec, Bird 8-3 max 10.1 m.
2815	2815	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2844- 2896	2844- 2896	NONE	Streamer depth	Streamer depth out of spec, Bird 3-16 max 10.3 m.
2871	2871	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
3008	3008	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
3036	3036	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
3310	3310	ALL	Gun timing error	Gun 5-4 error (ms) : -1.3
3383	3383	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2

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