



ACQUISITION REPORT Sequence-0021



Survey:

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

Sequence:

Linename GP021168P021
Preplot GP021168
Direction 18.0°
SOL Date 21:12:23utc 16-Aug-2002
EOL Date 01:24:16utc 17-Aug-2002

Attributes:

Wind Force	10.0	[knots]	Dir SW
Swell Height	2.5	[meters]	Dir SE
Propellor rpm	135	[avg]	
Propellor pitch	89	[avg]	

	SOL	EOL	
Waterdepth	80.0	264.0	[meters]
Bottomspeed	4.4	4.4	[knots]
Featherangle	sb +13.3	sb +9.3	[deg]
Cable noise	13.1	13.4	[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)		2992 - 2991				
SOL Dummy Record(s)	2990 - 2981	2990 - 2981	21:11:02 - 21:12:15			
FSP Start of Line	2980	2980	21:12:23			
MSP	1755	1755	23:59:53			
LSP End of Line	1143	1143	01:24:16			
EOL Dummy Record(s)						
EOL Noise Record(s)		1142 - 1142				
<u>Line-segments:</u>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
2980 - 1143	2980 - 1143	21:12:23- 01:24:16	Prime	16	Valid	
<u>Remarks:</u>						
Navigation	Streamer depth at 8m					
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. Duplication SP 1143 on tape 99. Multiples and late arrival observed in the data.					

Tape-list

Stream 1				
Shot(s)	Files	Deck	Reel	Remark
2992 - 2563	2992 - 2563	1	95	

2992 - 2563	2992 - 2563	1	95
2562 - 2133	2562 - 2133	2	96
2132 - 1703	2132 - 1703	2	97
1702 - 1273	1702 - 1273	1	98
1272 - 1143	1272 - 1143	2	99

Stream 2

Shot(s)	Files	Deck	Reel	Remark
2992 - 2563	2992 - 2563	3	95	
2562 - 2133	2562 - 2133	4	96	
2132 - 1703	2132 - 1703	3	97	
1702 - 1273	1702 - 1273	4	98	
1272 - 1143	1272 - 1143	3	99	

Seismic Data Annotations

NTBP

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL- 1143	161	Killed traces	
ALL	ALL- 1143	243	Killed traces	
ALL	ALL- 1143	1846	Killed traces	
ALL	ALL	1657, 1983	Spiking trace	
ALL	ALL	304, 1304, 2345	Noisy trace	
ALL	ALL	2497, 1492	Weak trace	
2977- 2947	2977- 2947	2674-2697	Streamer depth	Streamer depth out of spec, Bird 8-6 min 5.4 m.
2935- 2912	2935- 2912	2698-2721	Streamer depth	Streamer depth out of spec, Bird 8-7 max 10.4 m.
2934- 2914	2934- 2914	2602-2625	Streamer depth	Streamer depth out of spec, Bird 8-3 max 10.8 m.
2930- 2904	2930- 2904	2626-2649	Streamer depth	Streamer depth out of spec, Bird 8-4 max 11.4 m.
2927- 2905	2927- 2905	2650-2673	Streamer depth	Streamer depth out of spec, Bird 8-5 max 10.9 m.
2916- 2903	2916- 2903	2674-2697	Streamer depth	Streamer depth out of spec, Bird 8-6 max 10.6 m.
2748- 2721	2748- 2721	2650-2673	Streamer depth	Streamer depth out of spec, Bird 8-5 max 10.5 m.
2743- 2703	2743- 2703	2674-2697	Streamer depth	Streamer depth out of spec, Bird 8-6 max 11.2 m.
2700- 2691	2700- 2691	2626-2649	Streamer depth	Streamer depth out of spec, Bird 8-4 max 10.6 m.
1792-	1792-	26-49	Streamer depth	Streamer depth out of spec, Bird 1-3

1777	1777			max 10.1 m.
1773-1765	1773-1765	418-441	Streamer depth	Streamer depth out of spec, Bird 2-4 max 10.2 m.
1697-1670	1697-1670	442-465	Streamer depth	Streamer depth out of spec, Bird 2-5 max 10.3 m.
1696-1686	1696-1686	418-441	Streamer depth	Streamer depth out of spec, Bird 2-4 max 10.9 m.
1695-1677	1695-1677	26-49	Streamer depth	Streamer depth out of spec, Bird 1-3 max 10.3 m.
1694-1672	1694-1672	50-73	Streamer depth	Streamer depth out of spec, Bird 1-4 max 11.1 m.
1683-1670	1683-1670	74-97	Streamer depth	Streamer depth out of spec, Bird 1-5 max 11.4 m.

Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	ALL	Swell Noise	Swell noise seen on all cables approx 5% breakout
ALL	ALL	NONE	Bad bird	Bird 4-8 intermittent comms
2756-2723	2756-2723	2282-2305	Streamer depth	Streamer depth out of spec, Bird 7-5 max 10.1 m.
2746-2722	2746-2722	2258-2281	Streamer depth	Streamer depth out of spec, Bird 7-4 max 10.2 m.
2740-2696	2740-2696	2698-2721	Streamer depth	Streamer depth out of spec, Bird 8-7 max 10.2 m.
2643	2643	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
2455	2455	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
2410	2410	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
2391	2391	ALL	Gun timing error	Gun 2-3 error (ms) : -1.4
2352-1830	2352-1830	ALL	Strong Reflections	Multiples and late arrival observed in the data.
2333	2333	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
2310	2310	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
2135	2135	ALL	Gun timing error	Gun 2-3 error (ms) : -1.9
1927	1927	ALL	Gun timing error	Gun 2-3 error (ms) : -1.3
1907	1907	ALL	Gun timing error	Gun 2-3 error (ms) : -1.3
1857	1857	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
1854	1854	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
1774	1774	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
1563	1563	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1509	1509	ALL	Gun timing error	Gun 2-3 error (ms) : -1.6
1359	1359	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
1241	1241	ALL	Gun timing error	Gun 2-3 error (ms) : -1.4
1209	1209	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