



ACQUISITION REPORT Sequence-0029



Survey:

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

Sequence:

Linename GP021200J029
Preplot GP021200
Direction 18.0°
SOL Date 21:15:32utc 18-Aug-2002
EOL Date 01:31:41utc 19-Aug-2002

Attributes:

Wind Force	15.0	[knots]	Dir SW
Swell Height	1.5	[meters]	Dir SW
Propellor rpm	135	[avg]	
Propellor pitch	90	[avg]	

	SOL	EOL	
Waterdepth	84.0	231.0	[meters]
Bottomspeed	3.8	4.2	[knots]
Featherangle	sb +6.5	sb +6.0	[deg]
Cable noise	5.5	5.4	[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	21:13:57 - 21:15:23			
FSP Start of Line	2980	2980	21:15:32			
MSP	1802	1802	23:59:59			
LSP End of Line	1143	1143	01:31:41			
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	21:15:32-01:31:41	Infill	16	Valid	
<u>Remarks:</u>						
Navigation		Streamer depth 8.0 mtr				
Recording QC		Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1030mB.				

Tape-list

Stream 1				
Shot(s)	Files	Deck Reel		Remark
2992 - 2563	2992 - 2563	2	135	
2562 - 2133	2562 - 2133	1	136	
2132 - 1703	2132 - 1703	2	137	
1702 - 1273	1702 - 1273	1	138	
1272 - 1142	1272 - 1142	2	139	

Stream 2

Stream 2				
Shot(s)	Files	Deck Reel		Remark
2992 - 2563	2992 - 2563	4	135	
2562 - 2133	2562 - 2133	3	136	
2132 - 1703	2132 - 1703	4	137	
1702 - 1273	1702 - 1273	3	138	
1272 - 1142	1272 - 1142	4	139	

Seismic Data Annotations

NTBP

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	1492, 1983	Weak Trace(s)	Trace signal less than -6dB of nominal value
ALL	ALL	1657, 1991	Spiking Trace(s)	
ALL	ALL	304, 1303, 2345	Noisy Trace(s)	
ALL	ALL-	161, 243, 1255, 1846	Killed traces	

Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	NONE	Bad DI	Gun 5-6 bad DI
ALL	ALL	1-12, 15, 369-376, 379-381, 737-738, 2209-2228, 2230-2232, 2235, 2577-2601, 2603, 2606	Slope alarm	> 5% of total line
2350-1750	2350-1750	ALL	Strong Reflections	Multiples and late arrivals observed in the data.
2327-2299	2327-2299	NONE	Bird depth out of spec	Bird 1-4 max 10.1 m
2319-2308	2319-2308	NONE	Bird depth out of spec	Bird 2-5 max 9.7 m
2278	2278	ALL	Gun timing error	Gun 5-3 error (ms) : 1.1
2261-2199	2261-2199	NONE	Bird depth out of spec	Bird 2-4 max 10.2 m
2214-2201	2214-2201	NONE	Bird depth out of spec	Bird 2-3 max 10.0 m
2211-2197	2211-2197	NONE	Bird depth out of spec	Bird 1-3 max 10.3 m
1912	1912	ALL	Gun timing error	Gun 5-3 error (ms) : 1.1
1885	1885	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1844	1844	ALL	Gun timing error	Gun 5-3 error (ms) : 1.1

1637	1637	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
1494	1494	ALL	Gun timing error	Gun 5-3 error (ms) : 1.1
1350	1350	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
1218	1218	ALL	Gun timing error	Gun 5-3 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