



ACQUISITION REPORT Sequence-0058



Survey:

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

Sequence:

Linename GP021824P058
Preplot GP021824
Direction 18.0°
SOL Date 10:45:51utc 28-Aug-
2002
EOL Date 17:11:45utc 28-Aug-
2002

Attributes:

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

SOL EOL
Waterdepth 67.0 73.0 [meters]
Bottomspeed 4.7 3.3 [knots]
Featherangle sb +12.9 port -6.4 [deg]
Cable noise 8.0 7.2 [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)		3274 - 3273				
SOL Dummy Record(s)	3272 - 3263	3272 - 3263	10:44:34 - 10:45:44			
FSP Start of Line	3262	3262	10:45:51			
MSP						
LSP End of Line	878	878	17:11:45			
EOL Dummy Record(s)						
EOL Noise Record(s)		877 - 877				
<u>Line-segments:</u>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
3262 - 1132	3262 - 1132	10:45:51-16:23:17	Prime	16	Valid	
1131 - 1077	1131 - 1077	16:23:28-16:34:29	Prime	0	Scratched	All data NTBP d/t Compressor failure.
1076 - 878	1076 - 878	16:34:40-17:11:45	Prime	16	Valid	
<u>Remarks:</u>						
Navigation	Streamer depth 8mtrs					
Recording QC	Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1025mB. High noise value, bend in cables @ SOL d/t short run-in.					

Tape-list

Stream 1			
Shot(s)	Files	Deck Reel	Remark
3274 - 2845	3274 - 2845	2 283	

3274 - 2845	3274 - 2845	2	283	
2844 - 2415	2844 - 2415	1	284	
2414 - 1985	2414 - 1985	2	285	
1984 - 1555	1984 - 1555	1	286	
1554 - 1125	1554 - 1125	2	287	
1124 - 877	1124 - 877	1	288	
Stream 2				
Shot(s)	Files	Deck	Reel	Remark
3274 - 2845	3274 - 2845	4	283	
2844 - 2415	2844 - 2415	3	284	
2414 - 1985	2414 - 1985	4	285	
1984 - 1555	1984 - 1555	3	286	
1554 - 1125	1554 - 1125	4	287	
1124 - 877	1124 - 877	3	288	

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	109, 243, 1657, 1991, 1983	Spiking Trace(s)	
ALL	ALL	304	Noisy Trace(s)	
3242-3238	3242-3238	2602-2625	Bird depth out of spec	Bird C8-3 max depth 10.3mtrs
3240-3235	3240-3235	2234-2257	Bird depth out of spec	Bird C7-3 max depth 10.6mtrs
2951-2943	2951-2943	2378-2401	Bird depth out of spec	Bird C7-9 max depth 10.4mtrs
2455-2443	2455-2443	2258-2281	Bird depth out of spec	Bird C7-4 max depth 10.4mtrs
2229-2220	2229-2220	2258-2281	Bird depth out of spec	Bird C7-4 max depth 10.4mtrs
1973-1959	1973-1959	2258-2281	Bird depth out of spec	Bird C7-4 max 11.5 m
1970-1952	1970-1952	2282-2305	Bird depth out of spec	Bird C7-5 max 10.6 m
1578-1571	1578-1571	2234-2257	Bird depth out of spec	Bird C7-3 max 10.6 m
1572-1558	1572-1558	2282-2305	Bird depth out of spec	Bird 7-5 max 10.6 m

Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	1-12, 15, 369-381, 737-739, 741, 744-748, 751, 758, 2209-2226, 2228, 2230-2233, 2235, 2241, 2577-2595, 2597-2600	Slope alarm	> 5% of total line
3249-3241	3249-3241	NONE	Bird depth out of spec	Bird C7-3
3245-3231	3245-3231	NONE	Bird depth out of spec	Bird C7-4
3121-3089	3121-3089	NONE	Bird depth out of spec	Bird C7-5
3103	3103	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
3038-3021	3038-3021	NONE	Bird depth out of spec	Bird C2-4
3030-2981	3030-2981	NONE	Bird depth out of spec	Bird C7-9
3020-2983	3020-2983	NONE	Bird depth out of spec	Bird C8-4
3015-2995	3015-2995	NONE	Bird depth out of spec	Bird C8-6
3015-2988	3015-2988	NONE	Bird depth out of spec	Bird C8-7
3000-2000	3000-2000	ALL	Swell Noise	Increase in swell noise 10-20% breakout.
2981-2965	2981-2965	NONE	Bird depth out of spec	Bird C2-4
2981-2967	2981-2967	NONE	Bird depth out of spec	Bird C2-11
2975-2954	2975-2954	NONE	Bird depth out of spec	Bird C7-9
2966-2909	2966-2909	NONE	Bird depth out of spec	Bird C5-9
2912-2901	2912-2901	NONE	Bird depth out of spec	Bird C7-9
2904-2893	2904-2893	NONE	Bird depth out of spec	Bird C5-11
2880-2856	2880-2856	NONE	Bird depth out of spec	Bird C7-9
2873-2825	2873-2825	NONE	Bird depth out of spec	Bird C5-9
2870	2870	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
2863-2842	2863-2842	NONE	Bird depth out of spec	Bird C4-10
2858-	2858-	NONE	Bird depth out of	Bird C1-12

2837	2837		spec	
2826-2803	2826-2803	NONE	Bird depth out of spec	Bird C7-9
2796-2770	2796-2770	NONE	Bird depth out of spec	Bird C1-12
2719-2669	2719-2669	NONE	Bird depth out of spec	Bird C5-9
2711	2711	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2568-2553	2568-2553	NONE	Bird depth out of spec	Bird C8-4
2564-2552	2564-2552	NONE	Bird depth out of spec	Bird C7-3
2454-2435	2454-2435	NONE	Bird depth out of spec	Bird C7-5
2304-2290	2304-2290	NONE	Bird depth out of spec	Bird C7-9
2235-2225	2235-2225	NONE	Bird depth out of spec	Bird C7-3
2211-2196	2211-2196	NONE	Bird depth out of spec	Bird C8-3
1736	1736	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
1733-1722	1733-1722	NONE	Bird depth out of spec	Bird C8-6
1733-1720	1733-1720	NONE	Bird depth out of spec	Bird C8-7
1465	1465	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1340	1340	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
1324	1324	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
1252	1252	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
1246	1246	ALL	Gun timing error	Gun 4-5 error (ms) : 1.1
1088	1088	ALL	Gun timing error	Gun 6-1 error (ms) : 1.6

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