



ACQUISITION REPORT Sequence-0072



Survey:

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

Sequence:

Linename GP021632P072
Preplot GP021632
Direction 198.0°
SOL Date 11:12:58utc 01-Sep-
2002
EOL Date 16:19:17utc 01-Sep-
2002

Attributes:

Wind Force 6.0 [knots] Dir NE
Swell Height 1.5 [meters] Dir SW
Propellor rpm 135 [avg]
Propellor 88 [avg]
pitch

SOL EOL
Waterdepth 86.2 64.0 [meters]
Bottomspeed 4.9 4.8 [knots]
Featherangle sb +22.9 sb +18.7 [deg]
Cable noise 7.0 3.3 [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)	996 - 1000	996 - 1000	11:12:21 - 11:12:50			
FSP Start of Line	1001	1001	11:12:58			
MSP						
LSP End of Line	3390	3390	16:19:17			
EOL Dummy Record(s)						
EOL Noise Record(s)		3391 - 3392				
<u>Line-segments:</u>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
1001 - 2925	1001 - 2925	11:12:58-15:15:27	Prime	16	Valid	
2926 - 3114	-	-	Prime	0	Scratched	All data scratch d/t Triacq hardware hang up
3115 - 3317	3115 - 3317	15:42:32-16:09:10	Prime	16	Valid	
3318 - 3334	3318 - 3334	16:09:18-16:11:43	Prime	0	Scratched	All data scratched d/t LMF compressor shutdown
3335 - 3390	3335 - 3390	16:11:53-16:19:17	Prime	16	Valid	
<u>Remarks:</u>						
Navigation		Streamer depth 8mtrs				
Recording QC		rontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1022mB. 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	1 350	
1419 - 1848	1419 - 1848	2 351	
1849 - 2278	1849 - 2278	1 352	
2279 - 2708	2279 - 2708	2 353	
2709 - 2925	2709 - 2925	1 354	
3115 - 3392	3115 - 3392	1 355	
Stream 2			
Shot(s)	Files	Deck Reel	Remark
989 - 1418	989 - 1418	3 350	
1419 - 1848	1419 - 1848	4 351	
1849 - 2278	1849 - 2278	3 352	
2279 - 2708	2279 - 2708	4 353	
2709 - 2925	2709 - 2925	3 354	
3115 - 3392	3115 - 3392	3 355	

Seismic Data Annotations

NTBP

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	161, 1846	Killed Traces	
ALL	ALL	1492, 1983	Weak Trace(s)	
ALL	ALL	109, 243, 1553, 1657, 1991	Spiking Trace(s)	
ALL	ALL	304	Noisy Trace(s)	
1016	1016	ALL	External header lost	
1148-1156	1148-1156	2258-2281	Bird depth out of spec	Bird C7-4 min depth 5.5mtrs
1444	1444	ALL	Gun timing error	Gun 4-5 error (ms) : -1.6
2270-2274	2270-2274	50-73	Bird depth out of spec	Bird C1-4 max depth 10.2mtrs
2894-2899	2894-2899	242-265	Bird depth out of spec	Bird C1-12 max 10.3 mtrs
2926-3114		ALL	Triacq hangup	All data NTBP d/t triacq hangup.
3318-3334	3318-3334	ALL	Compressor failure	All data NTBP d/t compressor failure.
3329-3350	3329-3350	242-265	Bird depth out of spec	Bird C1-12 max 10.9 mtrs
3335-3351	3335-3351	2378-2401	Bird depth out of spec	Bird C7-9 max 11.7 mtrs

3337-3342	3337-3342	2258-2281	Bird depth out of spec	Bird C7-4 max 10.5 mtrs
3342-3348	3342-3348	538-561	Bird depth out of spec	Bird C2-9 max 10.3 mtrs

Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	1-12, 369-375, 379, 737-738, 741, 745, 748-753, 1841-1850, 1865, 2209-2223, 2577-2594, 2597	Slope alarm	> 5% of total line
1070	1070	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
1090	1090	ALL	Gun timing error	Gun 4-5 error (ms) : 1.1
1110	1110	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
1127-1137	1127-1137	NONE	Bird depth out of spec	Bird C8-4
1315	1315	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1428-1446	1428-1446	NONE	Bird depth out of spec	Bird C8-4
1431-1441	1431-1441	NONE	Bird depth out of spec	Bird C8-5
1526	1526	ALL	Gun timing error	Gun 4-5 error (ms) : -1.2
1587	1587	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1697	1697	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1713	1713	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
1743	1743	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1749-1947	1749-1947	ALL	Streamer noise	Low frequency noise dt currents approx 30 uB
1808	1808	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
1888	1888	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
2220	2220	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
2267-2281	2267-2281	NONE	Bird depth out of spec	Bird C1-3
2268-2269	2268-2269	NONE	Bird depth out of spec	Bird C1-4
2342-2355	2342-2355	NONE	Bird depth out of spec	Bird C2-4
2350-2788	2350-2788	NONE	Streamer noise	Low freq noise dt currents approx 30uB
2524-2525	2524-2525	NONE	Bird depth out of spec	Bird C4-9
2531-2532	2531-2532	NONE	Bird depth out of spec	Bird C4-9
2536	2536	ALL	Gun timing error	Gun 4-5 error (ms) : -1.2
2558	2558	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1

2561- 2562	2561- 2562	NONE	Bird depth out of spec	Bird C4-9
2634- 2635	2634- 2635	NONE	Bird depth out of spec	Bird C4-9
2713- 2720	2713- 2720	NONE	Bird depth out of spec	Bird C1-4
2714- 2716	2714- 2716	NONE	Bird depth out of spec	Bird C2-4
2717- 2720	2717- 2720	NONE	Bird depth out of spec	Bird C2-5
2721- 2733	2721- 2733	NONE	Bird depth out of spec	Bird C1-5
2795- 2832	2795- 2832	NONE	Bird depth out of spec	Bird C1-12
2807- 2809	2807- 2809	NONE	Bird depth out of spec	Bird C8-3
2808- 2810	2808- 2810	NONE	Bird depth out of spec	Bird C7-3
2813- 2825	2813- 2825	NONE	Bird depth out of spec	Bird C8-3
2820- 2840	2820- 2840	NONE	Bird depth out of spec	Bird C8-4
2829- 2830	2829- 2830	NONE	Bird depth out of spec	Bird C7-9
2833- 2842	2833- 2842	NONE	Bird depth out of spec	Bird C7-9
2837- 2841	2837- 2841	NONE	Bird depth out of spec	Bird C1-12
2837- 2839	2837- 2839	NONE	Bird depth out of spec	Bird C8-3
2842- 2852	2842- 2852	NONE	Bird depth out of spec	Bird C8-4
2848- 2891	2848- 2891	NONE	Bird depth out of spec	Bird C1-12
2853- 2874	2853- 2874	NONE	Bird depth out of spec	Bird C5-9
2853- 2854	2853- 2854	NONE	Bird depth out of spec	Bird C7-9
2857- 2859	2857- 2859	NONE	Bird depth out of spec	Bird C7-9
2861- 2862	2861- 2862	NONE	Bird depth out of spec	Bird C7-9
2900- 2919	2900- 2919	NONE	Bird depth out of spec	Bird C1-12
3317- 3328	3317- 3328	NONE	Bird depth out of spec	Bird C1-12
3317- 3332	3317- 3332	NONE	Bird depth out of spec	Bird C7-4
3320-	3320-	NONE	Bird depth out of	Bird C7-3

3327	3327		spec	
3321-3346	3321-3346	NONE	Bird depth out of spec	Bird C8-4
3322-3324	3322-3324	NONE	Bird depth out of spec	Bird C8-3
3324-3334	3324-3334	NONE	Bird depth out of spec	Bird C7-9
3325-3336	3325-3336	NONE	Bird depth out of spec	Bird C7-5
3327-3341	3327-3341	NONE	Bird depth out of spec	Bird C2-9
3327-3353	3327-3353	NONE	Bird depth out of spec	Bird C5-9
3329-3349	3329-3349	NONE	Bird depth out of spec	Bird C1-3
3330-3346	3330-3346	NONE	Bird depth out of spec	Bird C1-7
3330-3347	3330-3347	NONE	Bird depth out of spec	Bird C1-11
3330-3353	3330-3353	NONE	Bird depth out of spec	Bird C2-8
3332-3341	3332-3341	NONE	Bird depth out of spec	Bird C1-9
3332-3349	3332-3349	NONE	Bird depth out of spec	Bird C2-7
3332-3352	3332-3352	NONE	Bird depth out of spec	Bird C7-3
3333-3348	3333-3348	NONE	Bird depth out of spec	Bird C1-4
3334-3357	3334-3357	NONE	Bird depth out of spec	Bird C2-10
3334-3350	3334-3350	NONE	Bird depth out of spec	Bird C3-9
3334-3344	3334-3344	NONE	Bird depth out of spec	Bird C4-8
3334-3352	3334-3352	NONE	Bird depth out of spec	Bird C7-10
3335-3351	3335-3351	NONE	Bird depth out of spec	Bird C7-8
3337-3347	3337-3347	NONE	Bird depth out of spec	Bird C3-8
3343-3354	3343-3354	NONE	Bird depth out of spec	Bird C7-4
3346-3355	3346-3355	NONE	Bird depth out of spec	Bird C7-5
3349-3358	3349-3358	NONE	Bird depth out of spec	Bird C2-9
3355-3369	3355-3369	NONE	Bird depth out of spec	Bird C4-9

3369- 3389	3369- ALL 3389	Bird depth out of spec	Bird C1-12
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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