



ACQUISITION REPORT Sequence-0044



Survey:

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

Sequence:

Linename GP021616P044
Preplot GP021616
Direction 198.0°
SOL Date 18:27:45utc 24-Aug-
2002
EOL Date 23:26:14utc 24-Aug-
2002

Attributes:

Wind Force 0.0 [knots] \$(wind_dir)
Swell Height 1.5 [meters] Dir SE
Propellor rpm 135 [avg]
Propellor 80 [avg]
pitch

SOL EOL

Waterdepth 87.0 64.0 [meters]
Bottomspeed 4.7 4.8 [knots]
Featherangle sb +7.9 sb +11.5 [deg]
Cable noise 22.6 8.0 [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	18:26:29 - 18:27:37			
FSP Start of Line MSP	1001	1001	18:27:45			
LSP End of Line	3390	3390	23:26:14			
EOL Dummy Record(s)						
EOL Noise Record(s)		3391 - 3392				
<u>Line-segments:</u>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
1001 - 3390	1001 - 3390	18:27:45-23:26:14	Prime	16	Valid	
<u>Remarks:</u>						
Navigation	Streamer depth 8.0 mtr					
Recording QC	Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1036mB. 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	2	210	
1419 - 1848	1419 - 1848	1	211	
1849 - 2278	1849 - 2278	2	212	

1849 - 2278	1849 - 2278	2	212
2279 - 2708	2279 - 2708	1	213
2709 - 3138	2709 - 3138	2	214
3139 - 3392	3139 - 3392	1	215

Stream 2

Shot(s)	Files	Deck	Reel	Remark
989 - 1418	989 - 1418	3	210	
1419 - 1848	1419 - 1848	4	211	
1849 - 2278	1849 - 2278	3	212	
2279 - 2708	2279 - 2708	4	213	
2709 - 3138	2709 - 3138	3	214	
3139 - 3392	3139 - 3392	4	215	

Seismic Data Annotations

NTBP

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL-	161	Killed traces	
ALL	ALL-	1846	Killed traces	
ALL	ALL	304, 1303, 2345, 1824, 1823	Noisy Trace(s)	
ALL	ALL	1657, 1991, 243	Spiking Trace(s)	
ALL	ALL	1492, 1983	Weak Trace(s)	Trace signal less than -6dB of nominal value
1076-1091	1076-1091	2626-2649	Bird depth out of spec	Bird C8-4 max 11.3 m
1083-1107	1083-1107	2650-2673	Bird depth out of spec	Bird C8-5 max 11.3 m
1090-1118	1090-1118	2674-2697	Bird depth out of spec	Bird C8-6 max 11m
1128-1265	1128-1265	1830-1840	Bird depth out of spec	Bird 5-17 max 12.6 m
1130-1271	1130-1271	1810-1829	Bird depth out of spec	Bird C5-16 max 12.0 m (Incorrect reading to 16+ mtrs)
1359-1363	1359-1363	2626-2649	Bird depth out of spec	Bird C8-4 max 10.8 m
2017-2026	2017-2026	490-513	Bird depth out of spec	Bird C2-7 min 5.4m
2288-2295	2288-2295	418-441	Bird depth out of spec	Bird C2-4 max 2.3m
2357-2376	2357-2376	394-417	Bird depth out of spec	Bird 2-3 max 10.9
2365-2383	2365-2383	418-441	Bird depth out of spec	Bird C2-4 max 12.1

2823	2823	ALL	External header lost	
2829	2829	ALL	External header lost	
2835	2835	ALL	External header lost	
2840	2840	ALL	External header lost	
2841-2890	2841-2890	2626-2649	Bird depth out of spec	Bird 8-4 max 12.0 m
2844	2844	ALL	External header lost	
2853-2874	2853-2874	2602-2625	Bird depth out of spec	Bird 8-3 max 10.5
2857-2891	2857-2891	2650-2673	Bird depth out of spec	Bird C8-5 max 11.8 m
2867-2895	2867-2895	2674-2697	Bird depth out of spec	Bird C8-6 max 11.8
2880-2895	2880-2895	2698-2721	Bird depth out of spec	Bird C8-7 max 10.6
2992	2992	ALL	Gun timing error	Gun 4-1 error (ms) : 2.4
2994	2994	ALL	Gun timing error	Gun 4-1 error (ms) : 2.0
3102-3268	3102-3268	1810-1829	Bird depth out of spec	Bird 5-16 max 10.3
3132	3132	ALL	Gun timing error	Gun 4-1 error (ms) : 2.0
3144-3161	3144-3161	50-73	Bird depth out of spec	Bird C1-4 max 10.6 m
3148	3148	ALL	Gun timing error	Gun 4-1 error (ms) : 2.6
3151	3151	ALL	Gun timing error	Gun 2-1 error (ms) : 2.1
3153	3153	ALL	Gun timing error	Gun 2-1 error (ms) : 2.8
3176	3176	ALL	Gun timing error	Gun 4-1 error (ms) : 2.6
3357	3357	ALL	External header lost	

Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	1-13, 15-16, 369-381, 737-739, 741, 743-746, 748, 2209-2226, 2228, 2230-2233, 2577-2600	Slope alarm	> 5% of total line
1769	1769	ALL	Gun timing error	Gun 2-1 error (ms) : 1.6
1900-1909	1900-1909	NONE	Bird depth out of spec	Bird C1-4
1907-1914	1907-1914	NONE	Bird depth out of spec	Bird C1-5
1925-1935	1925-1935	NONE	Bird depth out of spec	Bird C2-6
1962-1983	1962-1983	NONE	Bird depth out of spec	Bird C2-5
1981-1992	1981-1992	NONE	Bird depth out of spec	Bird C1-6

1998-2011	1998-2011	NONE	Bird depth out of spec	Bird C2-6
2030-2046	2030-2046	NONE	Bird depth out of spec	Bird C2-8
2046-2062	2046-2062	NONE	Bird depth out of spec	Bird C2-9
2260-2600	2260-2600	ALL	Feather Change	High amplitude noise visible on all cables d/t currents/feather change.
2360-2382	2360-2382	NONE	Bird depth out of spec	Bird C1-4
2367-2379	2367-2379	NONE	Bird depth out of spec	Bird C1-3
2371-2381	2371-2381	NONE	Bird depth out of spec	Bird C1-5
2372-2381	2372-2381	NONE	Bird depth out of spec	Bird C2-5
2501-2522	2501-2522	NONE	Bird depth out of spec	Bird C7-4
2518-2536	2518-2536	NONE	Bird depth out of spec	Bird C7-5
2535-2546	2535-2546	NONE	Bird depth out of spec	Bird C8-5
2542-2556	2542-2556	NONE	Bird depth out of spec	Bird C8-6
2838-2854	2838-2854	NONE	Bird depth out of spec	Bird C7-5
2841-2850	2841-2850	NONE	Bird depth out of spec	Bird C7-3
2845-2854	2845-2854	NONE	Bird depth out of spec	Bird C7-4
2852-2861	2852-2861	NONE	Bird depth out of spec	Bird C5-16
2972-3007	2972-3007	NONE	Bird depth out of spec	Bird C8-6
3050-3200	3050-3200	ALL	Ship Noise	External screw noise visible from ahead approx 25uB moveout 1.7 sec
3076	3076	ALL	Gun timing error	Gun 4-1 error (ms) : 1.6
3090	3090	ALL	Gun timing error	Gun 4-1 error (ms) : 1.7
3096	3096	ALL	Gun timing error	Gun 4-1 error (ms) : 1.8
3150	3150	ALL	Gun timing error	Gun 4-1 error (ms) : -1.7
3172	3172	ALL	Gun timing error	Gun 4-1 error (ms) : 1.7
3178	3178	ALL	Gun timing error	Gun 4-1 error (ms) : 1.9
3198	3198	ALL	Gun timing error	Gun 4-1 error (ms) : 1.6
3206	3206	ALL	Gun timing error	Gun 4-1 error (ms) : 1.8

Comment

Shot(s)	File(s)	Trace(s)	Type	Remark
3207-3390	3207-3390	ALL	Gun disabled	Gun 4-1. Source volume at shot 3207 : 3307 cu.in.

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