



ACQUISITION REPORT Sequence-0016



Survey:

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

Sequence:

Linename GP021312P016
Preplot GP021312
Direction 198.0°
SOL Date 14:01:41utc 15-Aug-2002
EOL Date 18:09:01utc 15-Aug-2002

Attributes:

Wind Force	22.0	[knots]	Dir SW
Swell Height	3.0	[meters]	Dir SW
Propellor rpm	135	[avg]	
Propellor pitch	90	[avg]	

	SOL	EOL	
Waterdepth	139.0	72.0	[meters]
Bottomspeed	3.6	4.7	[knots]
Featherangle	sb +1.1	sb +5.9	[deg]
Cable noise	50.0	21.8	[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	3417.0	

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)		1254 - 1255				
SOL Dummy Record(s)	1256 - 1265	1256 - 1265	14:00:00 - 14:01:30			
FSP Start of Line	1266	1266	14:01:41			
MSP						
LSP End of Line	3100	3100	18:09:01			
EOL Dummy Record(s)						
EOL Noise Record(s)		3101 - 3102				
<u>Line-segments:</u>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
1266 - 3100	1266 - 3100	14:01:41-18:09:01	Prime	16	Valid	
<u>Remarks:</u>						
Navigation		Streamer depth 8mtrs				
Recording QC		Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1030mB.				

Tape-list

Stream 1				
Shot(s)	Files	Deck Reel		Remark
1254 - 1683	1254 - 1683	1	70	
1684 - 2113	1684 - 2113	2	71	
2114 - 2543	2114 - 2543	1	72	
2544 - 2973	2544 - 2973	2	73	
2974 - 3102	2974 - 3102	1	74	

Stream 2

Stream 2			
Shot(s)	Files	Deck Reel	Remark
1254 - 1683	1254 - 1683	3 70	
1684 - 2113	1684 - 2113	4 71	
2114 - 2543	2114 - 2543	3 72	
2544 - 2973	2544 - 2973	4 73	
2974 - 3102	2974 - 3102	3 74	

Seismic Data Annotations

NTBP

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL-	109, 161, 1846	Killed traces	
ALL	ALL-	243, 1657, 1255	Spiking Trace(s)	
ALL	ALL-	304, 2345	Noisy Trace(s)	
ALL	ALL	1492, 2497	Weak Trace(s)	
1433	1433	ALL	External header lost	
2637-2646	2637-2646	74-97	Bird depth out of spec	Bird C1-5 max 10.2 mtrs
2640-2654	2640-2654	418-441	Bird depth out of spec	Bird C2-4 max 10.5 mtrs
2734-2742	2734-2742	2602-2625	Bird depth out of spec	Bird C8-3 max 11.5 mtrs
2734-2758	2734-2758	2626-2649	Bird depth out of spec	Bird C8-4 max 11.0 mtrs
3056-3084	3056-3084	2626-2649	Bird depth out of spec	Bird C8-4 max 10.1 mtrs
3065-3085	3065-3085	2650-2673	Bird depth out of spec	Bird C8-5 max 10.1 mtrs

Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	ALL	Swell Noise	Swell noise seen on all cables 20-30%
ALL	ALL	1-12, 369-371, 373-374, 379, 737-738, 744, 2209-2225, 2228, 2577-2595, 2597-2600	Slope alarm	> 5% of total line
1444	1444	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
1518	1518	ALL	Gun timing error	Gun 5-3 error (ms) : 1.1
1671	1671	ALL	Gun timing error	Gun 1-4 error (ms) : 1.7
1701	1701	ALL	Gun timing error	Gun 1-4 error (ms) : 1.3
1705	1705	ALL	Gun timing error	Gun 1-4 error (ms) : 1.3

1707	1707	ALL	Gun timing error	Gun 1-4 error (ms) : 1.2
1740	1740	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
1747	1747	ALL	Gun timing error	Gun 1-4 error (ms) : 1.3
1749	1749	ALL	Gun timing error	Gun 1-4 error (ms) : 1.1
1759	1759	ALL	Gun timing error	Gun 1-4 error (ms) : 1.1
1888	1888	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
1930	1930	ALL	Gun timing error	Gun 5-4 error (ms) : -1.2
1948-1973	1948-1973	NONE	Bird depth out of spec	Bird C8-4 max 10.1 mtrs
1951-1973	1951-1973	NONE	Bird depth out of spec	Bird C8-5 max 9.7 mtrs
1952-1953	1952-1953	NONE	Bird depth out of spec	Bird C7-3 max 9.5 mtrs
1970-1983	1970-1983	NONE	Bird depth out of spec	Bird C8-6 max 9.7 mtrs
1978	1978	ALL	Gun timing error	Gun 5-3 error (ms) : 1.1
1979-1985	1979-1985	NONE	Bird depth out of spec	Bird C7-4 max 10.3 mtrs
1983-1994	1983-1994	NONE	Bird depth out of spec	Bird C7-6 max 9.9 mtrs
2042	2042	ALL	Gun timing error	Gun 5-3 error (ms) : 1.1
2082	2082	ALL	Gun timing error	Gun 5-3 error (ms) : 1.1
2108	2108	ALL	Gun timing error	Gun 5-3 error (ms) : 1.1
2144	2144	ALL	Gun timing error	Gun 5-3 error (ms) : 1.1
2166	2166	ALL	Gun timing error	Gun 5-3 error (ms) : 1.1
2208	2208	ALL	Gun timing error	Gun 5-3 error (ms) : 1.1
2218	2218	ALL	Gun timing error	Gun 5-3 error (ms) : 1.3
2233	2233	ALL	Gun timing error	Gun 2-3 error (ms) : 1.3
2319	2319	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
2338	2338	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
2412	2412	ALL	Gun timing error	Gun 5-3 error (ms) : 1.2
2461	2461	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2488	2488	ALL	Gun timing error	Gun 5-3 error (ms) : 1.2
2500	2500	ALL	Vessel speed	Increasing speed to avoid ship.
2527	2527	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2565	2565	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2635-2637	2635-2637	NONE	Bird depth out of spec	Bird C1-4 max 10.1 mtrs
2721-2740	2721-2740	NONE	Bird depth out of spec	Bird C2-4 max 10.5 mtrs
2813	2813	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2821	2821	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2883	2883	ALL	Gun timing error	Gun 1-4 error (ms) : -1.8
2885	2885	ALL	Gun timing error	Gun 1-4 error (ms) : -1.7
2887	2887	ALL	Gun timing error	Gun 1-4 error (ms) : -1.3
2899	2899	ALL	Gun timing error	Gun 1-4 error (ms) : 1.6

2903	2903	ALL	Gun timing error	Gun 1-4 error (ms) : 1.9
2913	2913	ALL	Gun timing error	Gun 1-4 error (ms) : 1.4
2916	2916	ALL	Gun timing error	Gun 5-3 error (ms) : 1.1
2925	2925	ALL	Gun timing error	Gun 1-4 error (ms) : 1.6
2929	2929	ALL	Gun timing error	Gun 1-4 error (ms) : 1.4
2931	2931	ALL	Gun timing error	Gun 1-4 error (ms) : 1.1
2984	2984	ALL	Gun timing error	Gun 5-3 error (ms) : 1.1
3003	3003	ALL	Gun timing error	Gun 1-1 error (ms) : -1.6
3012	3012	ALL	Gun timing error	Gun 5-3 error (ms) : 1.2
3023	3023	ALL	Gun timing error	Gun 1-4 error (ms) : -1.6
3053	3053	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
3066	3066	ALL	Gun timing error	Gun 5-3 error (ms) : 1.1
3067	3067	ALL	Gun timing error	Gun 2-3 error (ms) : -1.3

Comment

Shot(s)	File(s)	Trace(s)	Type	Remark
3025	3025	ALL	Gun disabled	Gun 1-4. Source volume for shots 3025 - 3100 : 3417 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