



ACQUISITION REPORT Sequence-0076



Survey:

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

Sequence:

Linename GP021664J076
Preplot GP021664
Direction 18.0°
SOL Date 19:20:50utc 03-Sep-
2002
EOL Date 00:57:46utc 04-Sep-
2002

Attributes:

Wind Force	25.0	[knots]	Dir NNW
Swell Height	2.0	[meters]	Dir W
Propellor rpm	135	[avg]	
Propellor pitch	90	[avg]	

	SOL	EOL	
Waterdepth	68.0	79.0	[meters]
Bottomspeed	2.5	4.4	[knots]
Featherangle	port -7.9	sb +12.3	[deg]
Cable noise	8.8	7.6	[µBar rms]
Lowcut filter	3	3	[hz]
Filter slope	18	18	[dB]
Filter Slope	18	18	
Port Volume	3542.0	3282.0	
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)		2932 - 2931				
SOL Dummy Record(s)	6770 - 2921	6770 - 2921	10:46:24 - 19:20:35			
FSP Start of Line	2920	2920	19:20:50			
MSP	1300	1300	23:59:55			
LSP End of Line	878	878	00:57:46			
EOL Dummy Record(s)						
EOL Noise Record(s)		877 - 877				
<u>Line-segments:</u>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
2920 - 2720	2920 - 2720	19:20:50-20:04:02	Infill	16	Valid	
2719 - 2641	2719 - 2641	20:04:14-20:19:23	Infill	16	Valid	NTBP d/t coverage already acquired
2640 - 2190	2640 - 2190	20:19:35-21:41:32	Infill	16	Valid	
2189 - 1581	2189 - 1581	21:41:42-23:19:51	Infill	16	Valid	NTBP d/t coverage already acquired
1580 - 878	1580 - 878	23:20:00-00:57:46	Infill	16	Valid	
<u>Remarks:</u>						
Navigation		Cable Depth 8 mtrs.				
Recording QC		Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1002mB.				

Tape-list

Stream 1				
Shot(s)	Files	Deck Reel		Remark
2932 - 2503	2932 - 2503	1	365	
2502 - 2073	2502 - 2073	2	366	
2072 - 1643	2072 - 1643	1	367	
1642 - 1213	1642 - 1213	2	368	
1212 - 877	1212 - 877	1	369	
Stream 2				
Shot(s)	Files	Deck Reel		Remark
2932 - 2503	2932 - 2503	3	365	
2502 - 2073	2502 - 2073	4	366	
2072 - 1643	2072 - 1643	4	367	
1642 - 1213	1642 - 1213	3	368	
1212 - 877	1212 - 877	4	369	

Seismic Data Annotations

NTBP

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	161	Killed traces	
ALL	ALL	1846	Killed traces	
ALL	ALL	1983	Killed traces	
ALL	ALL	304	Noisy Trace(s)	
ALL	ALL	1492	Weak Trace(s)	Trace signal less than -6dB of nominal value
ALL	ALL	1991, 243, 109, 1657, 1553	Spiking Trace(s)	
2738	2738	ALL	Gun timing error	Gun 5-1 error (ms) : 21.2
2719-2641	2719-2641	ALL	NTBP	No valid coverage acquired
2644	2644	ALL	Gun timing error	Gun 5-1 error (ms) : 27.0
2622	2622	ALL	Gun timing error	Gun 5-1 error (ms) : 23.9
2612	2612	ALL	Gun timing error	Gun 5-1 error (ms) : 21.4
2189-1581	2189-1581	ALL	NTBP	No valid coverage acquired
978	978	ALL	External header lost	

Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	1-13, 15-16, 369-381, 737-738, 741, 745-748, 751, 1473, 2209-2236, 2238-	Slope alarm	> 5% of total line

		2241, 2577- 2601, 2603, 2606-2607, 2612, 2614		
ALL	ALL	NONE	Gun pressure indicator	Gun pressure indicator subarray 5 stuck reading - manifold pressure good
2851	2851	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2836	2836	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
2760	2760	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
2722	2722	ALL	Gun timing error	Gun 4-5 error (ms) : 1.1
2622	2622	ALL	Gun timing error	Gun 4-5 error (ms) : 1.1
2616	2616	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
2600- 2500	2600- 2500	ALL	Ship Noise	Ext screw noise from astern approx 30uB moveout 1.5 sec
2515	2515	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2292	2292	ALL	Gun timing error	Gun 4-5 error (ms) : 1.2
2142	2142	ALL	Gun timing error	Gun 4-5 error (ms) : 1.1
2122	2122	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
2095	2095	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2015	2015	ALL	Gun timing error	Gun 1-2 error (ms) : 1.7
1964	1964	ALL	Gun timing error	Gun 4-5 error (ms) : -1.2
1897	1897	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1876	1876	ALL	Gun timing error	Gun 4-5 error (ms) : 1.1
1738	1738	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
1732	1732	ALL	Gun timing error	Gun 4-5 error (ms) : 1.1
1724	1724	ALL	Gun timing error	Gun 4-5 error (ms) : 1.1
1697	1697	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1646	1646	ALL	Gun timing error	Gun 4-5 error (ms) : -1.4
1616	1616	ALL	Gun timing error	Gun 4-5 error (ms) : -1.2
1612	1612	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
1594	1594	ALL	Gun timing error	Gun 4-5 error (ms) : 1.2
1586	1586	ALL	Gun timing error	Gun 4-5 error (ms) : 1.1
1580	1580	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
1564	1564	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
1550	1550	ALL	Gun timing error	Gun 5-4 Timing error -1.1
1504	1504	ALL	Gun timing error	Gun 4-5 error (ms) : 1.1
1495	1495	ALL	Gun timing error	Gun 2-3 error (ms) : -1.3
1463	1463	ALL	Gun timing error	Gun 2-1 error (ms) : 1.7
1388	1388	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
1384	1384	ALL	Gun timing error	Gun 4-5 error (ms) : -1.2
1380	1380	ALL	Gun timing error	Gun 4-5 error (ms) : -1.2
1344	1344	ALL	Gun timing error	Gun 5-4 error (ms) : -1.3
1306	1306	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
1286	1286	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
1276	1276	ALL	Gun timing error	Gun 4-5 error (ms) : 1.1

1190	1190	ALL	Gun timing error	Gun 4-5 error (ms) : 1.4
1164	1164	ALL	Gun timing error	Gun 4-5 error (ms) : 1.1
1053	1053	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1024	1024	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
1016	1016	ALL	Gun timing error	Gun 5-4 error (ms) : -1.2
1004	1004	ALL	Gun timing error	Gun 4-5 error (ms) : 1.2
938	938	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
888	888	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
887	887	NONE	Bird depth out of spec	Bird C4-9
886	886	ALL	Gun timing error	Gun 4-5 error (ms) : 1.2
880	880	ALL	Gun timing error	Gun 5-4 error (ms) : -1.1
781		ALL		

Comment

Shot(s)	File(s)	Trace(s)	Type	Remark
2708	2708	ALL	Gun not fired	Gun 5-1. Source volume : 3282 cu.in.
2620	2620	ALL	Gun not fired	Gun 5-1. Source volume : 3282 cu.in.
2611- EOL	2611- EOL	ALL	Gun disabled	Gun 5-1. Source volume at shot 2611 : 3282 cu.in.

List of used abbreviations:

SOL/EOL	Start/End of line.
FSP/LSP	First/Last shotpoint of the line.
FCSP/LCSP	First/Last chargeable shotpoint
MSP	Midnight (last) shotpoint of the day
FGSP/LGSP	First/Last Good Shotpoint
FOSP/LOSP	First/Last Overlap Shotpoint
FSP/LSP R/O	First/Last Shotpoint Runout

Deg	Degrees: e[0,360]
rev	Revolutions
utc	Universal Time Coordinated
SPs	Shotpoints
CMPs	Common midpoints
NTBP	Not to be processed
SI	Seismic interference