



# ACQUISITION REPORT Sequence-0068



## Survey:

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

## Sequence:

Linename GP021520K068  
Preplot GP021520  
Direction 198.0°  
SOL Date 13:49:10utc 31-Aug-2002  
EOL Date 18:28:00utc 31-Oct-2002

## Attributes:

Wind Force	5.0	[knots]	Dir SW
Swell Height	1.0	[meters]	Dir SW
Propellor rpm	135	[avg]	
Propellor pitch	90	[avg]	

  

	<b>SOL</b>	<b>EOL</b>	
Waterdepth	103.0	67.0	[meters]
Bottomspeed	3.7	4.8	[knots]
Featherangle	sb +0.3	sb +4.8	[deg]
Cable noise	7.0	3.7	[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 <sup>3</sup> ]	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 <sup>1</sup> ]	Sample Int. [ms]	Chan In	Chan # In	Chan Out	Chan # Out	Filter Delay [ms]
-------------	---------------	-----------	----------------	---------------------------	------------------	---------	-----------	----------	------------	-------------------

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	13:47:33 - 13:49:01			
FSP Start of Line	1001	1001	13:49:10			
MSP						
LSP End of Line	3085	3085	18:28:00			
EOL Dummy Record(s)						
EOL Noise Record(s)		3394 - 3395				
<b><u>Line-segments:</u></b>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
1001 - 3085	1001 - 3085	13:49:10-18:28:20	Infill	16	Valid	
<b><u>Remarks:</u></b>						
Navigation	Streamer depth 8mtrs					
Recording QC	Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1020mB. 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	337	
1419 - 1848	1419 - 1848	2	338	
1849 - 2278	1849 - 2278	1	339	

1849 - 2278	1849 - 2278	1	339
2279 - 2708	2279 - 2708	2	340
2709 - 3395	2709 - 3395	1	341

#### Stream 2

Shot(s)	Files	Deck	Reel	Remark
989 - 1418	989 - 1418	3	337	
1419 - 1848	1419 - 1848	4	338	
1849 - 2278	1849 - 2278	3	339	
2279 - 2708	2279 - 2708	4	340	
2709 - 3395	2709 - 3395	3	341	

### 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)	Trace signal less than -6dB of nominal value
ALL	ALL	109, 243, 1657, 1991, 1553	Spiking Trace(s)	
ALL	ALL	304, 248	Noisy Trace(s)	
1031	1031	ALL	External header lost	
1277	1277	ALL	External header lost	
1480	1480	ALL	External header lost	
1494	1494	ALL	External header lost	
1504-1541	1504-1541	2650-2673	Bird depth out of spec	Bird C8-5 max depth 12.5 m
1519-1546	1519-1546	2674-2697	Bird depth out of spec	Bird C8-6 max depth 11.5 m
1696-1712	1696-1712	2626-2649	Bird depth out of spec	Bird C8-4 max 11.0 m
1705-1715	1705-1715	2650-2673	Bird depth out of spec	Bird C8-5 max 10.3 m
2041-2100	2041-2100	2379-2401	Bird depth out of spec	Bird C7-9 max 10.7 m
2151-2170	2151-2170	2379-2401	Bird depth out of spec	Bird C7-9 max 10.9 m
2488-2536	2488-2536	242-265	Bird depth out of spec	Bird C1-12 max 10.6 m
2501-2540	2501-2540	1642-1665	Bird depth out of spec	Bird 5-9 max 10.3m
2508-2538	2508-2538	98-121	Bird depth out of spec	Bird 1-6 max 11.5 m
2509-2535	2509-2535	50-73	Bird depth out of spec	Bird C1-4 max 11.5

2509-2536	2509-2536	74-97	Bird depth out of spec	Bird C1-5 max 11.5
2510-2524	2510-2524	26-49	Bird depth out of spec	Bird C1-3 max 10.9 m
2510-2540	2510-2540	122-145	Bird depth out of spec	Bird C1-7 max 11.0 m
2603-EOL	2603-EOL	242-265	Bird depth out of spec	Bird C1-12 max 11.9 m
2677-2722	2677-2722	50-73	Bird depth out of spec	Bird 1-4 max 10.4 m
2742	2742	ALL	External header lost	
3047-3056	3047-3056	538-561	Bird depth out of spec	Bird 2-10 max 10.6 m

## Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	1-17, 22, 369-382, 385, 393, 737-738, 741, 743-753, 755, 758, 760, 763-764, 2209-2225, 2228, 2231, 2233, 2235, 2241, 2577-2595, 2597-2600	Slope alarm	> 5% of total line
ALL	ALL-OPEN	NONE	Streamer depth	All streamers heavy towards EOL d/t strong following current.
SOL-EOL	SOL-EOL	NONE	Bad pressure indicator	Pressure indicator subarray 6 bad - manifold pressure good.
SOL-EOL	SOL-EOL	NONE	Bad pressure indicator	Pressure indicator subarray 5 erratic - manifold pressure good.
1047	1047	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1120	1120	ALL	Gun timing error	Gun 4-5 error (ms) : -1.3
1154	1154	ALL	Gun timing error	Gun 4-5 error (ms) : -1.3
1209-1217	1209-1217	NONE	Bird depth out of spec	Bird 2-4 min 5.2 m
1240	1240	ALL	Gun timing error	Gun 4-5 error (ms) : -1.2
1283	1283	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
1315	1315	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
1398	1398	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
1461-1494	1461-1494	NONE	Bird depth out of spec	Bird C8-4
1491-1493	1491-1493	NONE	Bird depth out of spec	Bird C4-9
1506-1518	1506-1518	NONE	Bird depth out of spec	Bird C8-6
1513	1513	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2

1525-1536	1525-1536	NONE	Bird depth out of spec	Bird C8-7
1793-1803	1793-1803	NONE	Bird depth out of spec	Bird C1-4
1893-1908	1893-1908	NONE	Bird depth out of spec	Bird C1-4
1897-1912	1897-1912	NONE	Bird depth out of spec	Bird C1-5
1902-1913	1902-1913	NONE	Bird depth out of spec	Bird C2-4
2034-2040	2034-2040	NONE	Bird depth out of spec	Bird C7-9
2039-2052	2039-2052	NONE	Bird depth out of spec	Bird C1-12
2063-2081	2063-2081	NONE	Bird depth out of spec	Bird C1-12
2078-2090	2078-2090	NONE	Bird depth out of spec	Bird C5-9
2105-2150	2105-2150	NONE	Bird depth out of spec	Bird C7-9
2125-2140	2125-2140	NONE	Bird depth out of spec	Bird C1-12
2417-2431	2417-2431	NONE	Bird depth out of spec	Bird C5-9
2430-2441	2430-2441	NONE	Bird depth out of spec	Bird C1-12
2437-2472	2437-2472	NONE	Bird depth out of spec	Bird C8-4
2440-2484	2440-2484	NONE	Bird depth out of spec	Bird C1-3
2452-2487	2452-2487	NONE	Bird depth out of spec	Bird C1-12
2453-2500	2453-2500	NONE	Bird depth out of spec	Bird C5-9
2460-2478	2460-2478	NONE	Bird depth out of spec	Bird C1-2
2524-2557	2524-2557	NONE	Bird depth out of spec	Bird C7-9
2525-2535	2525-2535	NONE	Bird depth out of spec	Bird C1-3
2525-2558	2525-2558	NONE	Bird depth out of spec	Bird C8-4
2526-2538	2526-2538	NONE	Bird depth out of spec	Bird C2-6
2532-2559	2532-2559	NONE	Bird depth out of spec	Bird C8-5
2535-2565	2535-2565	NONE	Bird depth out of spec	Bird C8-6
2537-	2537-	NONE	Bird depth out of	Bird C1-12

2602	2602		spec	
2541-2565	2541-2565	NONE	Bird depth out of spec	Bird C5-9
2582	2582	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
2592-2609	2592-2609	NONE	Bird depth out of spec	Bird C1-3
2602-2614	2602-2614	NONE	Bird depth out of spec	Bird C1-4
2611-2651	2611-2651	NONE	Bird depth out of spec	Bird C1-3
2618-2632	2618-2632	NONE	Bird depth out of spec	Bird C1-12
2646-2676	2646-2676	NONE	Bird depth out of spec	Bird C1-4
2654-2672	2654-2672	NONE	Bird depth out of spec	Bird C1-3
2673-2693	2673-2693	NONE	Bird depth out of spec	Bird C5-9
2674-2693	2674-2693	NONE	Bird depth out of spec	Bird C1-3
2677-2694	2677-2694	NONE	Bird depth out of spec	Bird C1-5
2687-2698	2687-2698	NONE	Bird depth out of spec	Bird C2-4
2690-2713	2690-2713	NONE	Bird depth out of spec	Bird C1-4
2700-2716	2700-2716	NONE	Bird depth out of spec	Bird C1-3
2717-2734	2717-2734	NONE	Bird depth out of spec	Bird C1-5
2723-2731	2723-2731	NONE	Bird depth out of spec	Bird C1-4
2732	2732	ALL	Gun timing error	Gun 4-5 error (ms) : -1.1
2762-2793	2762-2793	NONE	Bird depth out of spec	Bird C1-12
3047-OPEN	3047-OPEN	ALL		

### Comment

Shot(s)	File(s)	Trace(s)	Type	Remark
---------	---------	----------	------	--------

<b>List of used abbreviations:</b>			
<b>SOL/EOL</b>	Start/End of line.	<b>Deg</b>	Degrees: e[0,360]
<b>FSP/LSP</b>	First/Last shotpoint of the line.	<b>rev</b>	Revolutions
<b>FCSP/LCSP</b>	First/Last chargeable	<b>utc</b>	Universal Time
		<b>SPs</b>	Shotpoints
		<b>CMPs</b>	Common midpoints
<b>MSP</b>	Midnight (last) shotpoint of the day		

MSP	Midnight (last) shotpoint of the day	CMPs	Common midpoints
FGSP/LGSP	First/Last Good Shotpoint	NTBP	Not to be processed
FOSP/LOSP	First/Last Overlap Shotpoint	SI	Seismic interference
FSP/LSP R/O	First/Last Shotpoint Runout		

TRILOGY INFORMATION MANAGER - ACQUISITION REPORT - GENERATED 05:24:36utc 01-Sep-2002