



ACQUISITION REPORT Sequence-0034



Survey:

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

Sequence:

Linename GP021440P034
Preplot GP021440
Direction 198.0°
SOL Date 03:44:13utc 20-Aug-
2002
EOL Date 08:18:04utc 20-Aug-
2002

Attributes:

Wind Force 18.0 [knots] Dir W
Swell Height 1.5 [meters] Dir S
Propellor rpm 135 [avg]
Propellor 90 [avg]
pitch

SOL **EOL**
Waterdepth 113.0 70.0 [meters]
Bottomspeed 5.0 4.6 [knots]
Featherangle port -10.9 port -2.9 [deg]
Cable noise 25.9 19.4 [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	03:43:01 - 03:44:06			
FSP Start of Line MSP	1001	1001	03:44:13			
LSP End of Line	3097	3097	08:18:04			
EOL Dummy Record(s)						
EOL Noise Record(s)		3098 - 3099				
<u>Line-segments:</u>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
1001 - 3097	1001 - 3097	03:44:13-08:18:04	Prime	16	Valid	
<u>Remarks:</u>						
Navigation	Streamer depth 8mtrs					
Recording QC	Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1025mB. 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	158	
1419 - 1848	1419 - 1848	2	159	
1849 - 2278	1849 - 2278	1	160	

1849 - 2278	1849 - 2278	1	160
2279 - 2708	2279 - 2708	2	161
2709 - 3099	2709 - 3099	1	162

Stream 2

Shot(s)	Files	Deck Reel	Remark
989 - 1418	989 - 1418	3 158	
1419 - 1848	1419 - 1848	4 159	
1849 - 2278	1849 - 2278	3 160	
2279 - 2708	2279 - 2708	4 161	
2709 - 3099	2709 - 3099	3 162	

Seismic Data Annotations

NTBP

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	161, 304, 1303, 2345	Noisy Trace(s)	
ALL	ALL	1492, 1983	Weak Trace(s)	Trace signal less than -6dB of nominal value
ALL	ALL	243, 1657, 1991	Spiking Trace(s)	
ALL	ALL	1846	Killed Traces	
1112-1126	1112-1126	2258-2281	Bird depth out of spec	Bird C7-4 max depth 10.5mtrs
1634	1634	ALL	External header lost	
2653-2663	2653-2663	2258-2281	Bird depth out of spec	Bird C7-4 max depth 10.5mtrs

Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
1015-1025	1015-1025	NONE	Bird depth out of spec	Bird C7-4
1027-1051	1027-1051	NONE	Bird depth out of spec	Bird C7-4
1052-1064	1052-1064	NONE	Bird depth out of spec	Bird C8-4
1119-1151	1119-1151	NONE	Bird depth out of spec	Bird C7-5
1129-1145	1129-1145	NONE	Bird depth out of spec	Bird C8-5
1235-1245	1235-1245	NONE	Bird depth out of spec	Bird C7-4
1395-1407	1395-1407	NONE	Bird depth out of spec	Bird C7-4
1400	1400	ALL	Gun timing error	Gun 5-3 error (ms) : 1.2
1454-	1454-	ALL	Ship Noise	From abeam, moving down the cable.

2040	2040			RMS Level 30 uBar.
1612	1612	ALL	Gun timing error	Gun 5-3 error (ms) : 1.2
1655	1655	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
1668	1668	ALL	Gun timing error	Gun 5-3 error (ms) : 1.1
1870-1884	1870-1884	NONE	Bird depth out of spec	Bird C2-4
1904	1904	ALL	Gun timing error	Gun 5-3 error (ms) : 1.1
1970	1970	ALL	Gun timing error	Gun 5-3 error (ms) : 1.1
2143	2143	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2162	2162	ALL	Gun timing error	Gun 5-3 error (ms) : 1.3
2164	2164	ALL	Gun timing error	Gun 5-3 error (ms) : 1.2
2188	2188	ALL	Gun timing error	Gun 5-3 error (ms) : 1.1
2335	2335	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2351	2351	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
2429-2442	2429-2442	NONE	Bird depth out of spec	Bird C2-5
2549	2549	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
2653-2676	2653-2676	NONE	Bird depth out of spec	Bird C7-5
2755	2755	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2765	2765	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2900-2916	2900-2916	NONE	Bird depth out of spec	Bird C7-4
3012-3097	3012-3097	NONE	Current noise	Low frequency noise at front of cables due to currents
3025	3025	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
3031	3031	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1

Comment

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