



ACQUISITION REPORT Sequence-0133



Survey:

Client BHPBP
Area Vic/P45 Gippsland
Basin
Vessel GECO_BETA
JobNumber 9227
Survey Type 6 STREAMER
SINGLE SOURCE
2D

Sequence:

Linename GP021984J133
Preplot GP021984
Direction 18.0°
SOL Date 14:33:16utc 25-Sep-
2002
EOL Date 15:48:31utc 25-Sep-
2002

Attributes:

Wind Force 41.0 [knots] Dir W
Swell Height 2.0 [meters] Dir SW
Propellor rpm 137 [avg]
Propellor 90 [avg]
pitch

SOL EOL
Waterdepth 69.0 74.0 [meters]
Bottomspeed 4.4 4.4 [knots]
Featherangle sb +8.4 sb +1.0 [deg]
Cable noise 16.7 43.0 [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	250.0	-8.0	4600	Nessie-3	12.5	368	0001-0368
2	STBD	-520.0	150.0	-8.0	4600	Nessie-3	12.5	368	0369-0736
3	STBD	-520.0	50.0	-8.0	4600	Nessie-3	12.5	368	0737-1104
4	PORT	-520.0	-50.0	-8.0	4600	Nessie-3	12.5	368	1105-1472
5	PORT	-520.0	-150.0	-8.0	4600	Nessie-3	12.5	368	1473-1840
6	PORT	-520.0	-250.0	-8.0	4600	Nessie-3	12.5	368	1841-2208

Recording Configuration

Channel Set	Descr. Format	Recording	Data Reduction	RecLen [ss ']	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

Production

	Shotpoint	File	Time [utc]			
SOL Noise Record(s)		3209 - 3208				
SOL Dummy Record(s)	3207 - 3178	3207 - 3178	14:29:10 - 14:33:08			
FSP Start of Line MSP	3177	3177	14:33:16			
LSP End of Line	2625	2625	15:48:31			
EOL Dummy Record(s)						
EOL Noise Record(s)		2107 - 2106				
<u>Line-segments:</u>						
SPs	Files	Times [utc]	Type	# CMPs	Status	Remarks
3177 - 2625	3177 - 2625	14:33:16- 15:48:31	Infill	12	Valid	
<u>Remarks:</u>						
Navigation	Streamer Depth 8 mtrs.					
Recording QC	Frontsheet Set 2. Gundept calibrated at atmospheric pressure 1032mB, pressure now 1015mB. Bird S3C3 intermittent communications. Burst of swellnoise present on record data					

Tape-list

Stream 1				
Shot(s)	Files	Deck	Reel	Remark
3209 - 2660	3209 - 2660	1	529	
2659 - 2106	2659 - 2106	2	530	
Stream 2				
Shot(s)	Files	Deck	Reel	Remark

Shot(s)	Files	Deck	Reel	Remark
3209 - 2660	3209 - 2660	4	529	
2659 - 2106	2659 - 2106	3	530	

Seismic Data Annotations

NTBP

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	1615, 1255	Spiking Trace(s)	
ALL	ALL	55	Noisy Trace(s)	
ALL	ALL-	1615, 1255	Killed traces	

Warning

Shot(s)	File(s)	Trace(s)	Type	Remark
ALL	ALL	1, 1473-1483, 1841-1848, 1852	Slope alarm	> 5% of total line
3163	3163	ALL	Gun timing error	Gun 2-3 error (ms) : -1.2
2747	2747	ALL	Gun timing error	Gun 2-3 error (ms) : -1.1
2694	2694	ALL	Gun timing error	Gun 6-2 error (ms) : -1.6

Comment

Shot(s)	File(s)	Trace(s)	Type	Remark
3177	3177	ALL	Swell Noise	Swell bursts affecting 15-20% of traces, 15-20µB RMS
3040	3040	ALL	Swell Noise	Swell bursts increasing now affecting 15-25% of traces, 20-30µB RMS
2825	2825	ALL	Swell Noise	Swell bursts increasing now affecting 25-35% of traces, 30-40µB RMS

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