



ACQUISITION REPORT Sequence-0082



Survey:

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

Sequence:

Linename GP021840P082
Preplot GP021840
Direction 18.0°
SOL Date 17:37:06utc 05-Sep-
2002
EOL Date 20:46:39utc 05-Sep-
2002

Attributes:

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

SOL EOL
Waterdepth 67.0 77.0 [meters]
Bottomspeed 4.7 4.0 [knots]
Featherangle port -6.7 port -8.2 [deg]
Cable noise 26.3 6.2 [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] |
|----------------|------------------|-----------|-------------------|------------------------------|------------------------|------------|--------------|-------------|---------------|----------------------|
|----------------|------------------|-----------|-------------------|------------------------------|------------------------|------------|--------------|-------------|---------------|----------------------|

| | | | | | | | | | | |
|---|------|------------------|------|-----|------|------|-----------|------|-------------|------|
| 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) | | 3273 - 3272 | | | | |
| SOL Dummy Record(s) | 3271 - 3262 | 3271 - 3262 | 17:35:47 - 17:36:58 | | | |
| FSP Start of Line MSP | 3261 | 3261 | 17:37:06 | | | |
| LSP End of Line | 2047 | 2047 | 20:46:39 | | | |
| EOL Dummy Record(s) | | | | | | |
| EOL Noise Record(s) | | 2046 - 2045 | | | | |
| <u>Line-segments:</u> | | | | | | |
| SPs | Files | Times [utc] | Type | # CMPs | Status | Remarks |
| 3261 - 2047 | 3261 - 2047 | 17:37:06- 20:46:39 | Prime | 16 | Valid | |
| <u>Remarks:</u> | | | | | | |
| Navigation | Cable Depth 8 mtrs. | | | | | |
| Recording QC | Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1008mB. High noise value, bend in cables @ SOL d/t short run-in. | | | | | |

Tape-list

| Stream 1 | | | | |
|-------------|-------------|-----------|-----|--------|
| Shot(s) | Files | Deck Reel | | Remark |
| 3273 - 2844 | 3273 - 2844 | 2 | 386 | |
| 2843 - 2414 | 2843 - 2414 | 1 | 387 | |
| 2413 - 2045 | 2413 - 2045 | 2 | 388 | |

| | | | | |
|-----------------|--------------|-------------|-------------|---------------|
| 2413 - 2045 | 2413 - 2045 | 2 | 388 | |
| Stream 2 | | | | |
| Shot(s) | Files | Deck | Reel | Remark |
| 3273 - 2844 | 3273 - 2844 | 4 | 386 | |
| 2843 - 2414 | 2843 - 2414 | 3 | 387 | |
| 2413 - 2045 | 2413 - 2045 | 4 | 388 | |

Seismic Data Annotations

NTBP

| Shot(s) | File(s) | Trace(s) | Type | Remark |
|-----------|-----------|----------------------------|------------------------|--|
| 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) | |
| ALL | ALL- | 161 | Killed traces | |
| ALL | ALL- | 1846 | Killed traces | |
| ALL | ALL- | 1983 | Killed traces | |
| 2977-2971 | 2977-2971 | 2626-2649 | Bird depth out of spec | Bird C8-4 max 10.9 m |
| 2388-2378 | 2388-2378 | 2626-2649 | Bird depth out of spec | Bird C8-4 max 10.6 m |
| 2088-EOL | 2088-EOL | 2626-2649 | Bird depth out of spec | Bird C8-4 max 10.3 m |

Warning

| Shot(s) | File(s) | Trace(s) | Type | Remark |
|-----------|-----------|--|------------------------|---------------------------|
| ALL | ALL | 1-13, 15, 369-375, 379-381, 383, 737-738, 741, 745, 2209-2235, 2577-2601, 2603, 2606, 2614 | Slope alarm | > 5% of total line |
| 2888 | 2888 | ALL | Gun timing error | Gun 4-5 error (ms) : -1.2 |
| 2830-2821 | 2830-2821 | NONE | Bird depth out of spec | Bird C8-3 |
| 2825-2816 | 2825-2816 | NONE | Bird depth out of spec | Bird C8-4 |
| 2703-2693 | 2703-2693 | NONE | Bird depth out of spec | Bird C8-3 |
| 2477-2468 | 2477-2468 | NONE | Bird depth out of spec | Bird C8-5 |
| 2450-2440 | 2450-2440 | NONE | Bird depth out of spec | Bird C7-4 |

| | | | | |
|---------------|---------------|------|---------------------------|-----------|
| 2396- 2386 | 2396- 2386 | NONE | Bird depth out of spec | Bird C7-4 |
| 2393- 2388 | 2393- 2388 | NONE | Bird depth out of spec | Bird C7-3 |
| 2392- 2386 | 2392- 2386 | NONE | Bird depth out of spec | Bird C8-3 |
| 2391- 2389 | 2391- 2389 | NONE | Bird depth out of spec | Bird C8-4 |
| 2390- 2385 | 2390- 2385 | NONE | Bird depth out of spec | Bird C7-5 |
| 2377- 2368 | 2377- 2368 | NONE | Bird depth out of spec | Bird C8-4 |
| 2131- 2130 | 2131- 2130 | NONE | Bird depth out of spec | Bird C4-9 |
| 2113- 2112 | 2113- 2112 | NONE | Bird depth out of spec | Bird C4-9 |
| 2104- 2097 | 2104- 2097 | NONE | Bird depth out of spec | Bird C7-4 |
| 2097- 2090 | 2097- 2090 | NONE | Bird depth out of spec | Bird C8-4 |
| 2095- 2089 | 2095- 2089 | NONE | Bird depth out of spec | Bird C8-5 |
| 2094- 2093 | 2094- 2093 | NONE | Bird depth out of spec | Bird C8-3 |
| 2089- 2086 | 2089- 2086 | NONE | Bird depth out of spec | Bird C8-6 |
| 2088- 2079 | 2088- 2079 | NONE | Bird depth out of spec | Bird C8-5 |
| 2086- 2085 | 2086- 2085 | NONE | Bird depth out of spec | Bird C8-4 |
| 2085- 2082 | 2085- 2082 | NONE | Bird depth out of spec | Bird C8-6 |
| 2084- 2081 | 2084- 2081 | NONE | Bird depth out of spec | Bird C8-4 |
| 2081- 2079 | 2081- 2079 | NONE | Bird depth out of spec | Bird C8-6 |
| 2080- 2058 | 2080- 2058 | NONE | Bird depth out of spec | Bird C8-4 |
| 2078- 2071 | 2078- 2071 | NONE | Bird depth out of spec | Bird C8-5 |
| 2077- 2069 | 2077- 2069 | NONE | Bird depth out of spec | Bird C8-6 |
| 2069- 2068 | 2069- 2068 | NONE | Bird depth out of spec | Bird C4-9 |

Comment

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

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 |