



ACQUISITION REPORT Sequence-0079



Survey:

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

Sequence:

Linename GP022128P079
Preplot GP022128
Direction 198.0°
SOL Date 03:32:06utc 05-Sep-
2002
EOL Date 06:30:19utc 05-Sep-
2002

Attributes:

| | | | |
|-----------------|-----|----------|--------|
| Wind Force | 8.0 | [knots] | Dir N |
| Swell Height | 2.5 | [meters] | Dir SW |
| Propellor rpm | 135 | [avg] | |
| Propellor pitch | 90 | [avg] | |

| | | | |
|---------------|------------|------------|------------|
| | SOL | EOL | |
| Waterdepth | 72.0 | 66.0 | [meters] |
| Bottomspeed | 3.5 | 4.0 | [knots] |
| Featherangle | port -12.6 | sb +1.2 | [deg] |
| Cable noise | 7.0 | 7.2 | [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) | | 2280 - 2281 | | | | |
| SOL Dummy Record(s) | 2282 - 2291 | 2282 - 2291 | 03:30:25 - 03:31:56 | | | |
| FSP Start of Line | 2292 | 2292 | 03:32:06 | | | |
| MSP | | | | | | |
| LSP End of Line | 3376 | 3376 | 06:30:19 | | | |
| EOL Dummy Record(s) | | | | | | |
| EOL Noise Record(s) | | 3377 - 3378 | | | | |
| <u>Line-segments:</u> | | | | | | |
| SPs | Files | Times [utc] | Type | # CMPs | Status | Remarks |
| 2292 - 3376 | 2292 - 3376 | 03:32:06-06:30:19 | Prime | 16 | Valid | |
| <u>Remarks:</u> | | | | | | |
| Navigation | | Streamer depth 8mtrs | | | | |
| Recording QC | | Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1013mB. | | | | |

Tape-list

| Stream 1 | | | |
|-------------|-------------|-----------|--------|
| Shot(s) | Files | Deck Reel | Remark |
| 2280 - 2709 | 2280 - 2709 | 2 377 | |
| 2710 - 3139 | 2710 - 3139 | 1 378 | |
| 3140 - 3378 | 3140 - 3378 | 2 379 | |
| Stream 2 | | | |
| Shot(s) | Files | Deck Reel | Remark |

| Shot(s) | Files | Deck | Reel | Remark |
|-------------|-------------|------|------|--------|
| 2280 - 2709 | 2280 - 2709 | 3 | 377 | |
| 2710 - 3139 | 2710 - 3139 | 3 | 378 | |
| 3140 - 3378 | 3140 - 3378 | 4 | 379 | |

Seismic Data Annotations

NTBP

| Shot(s) | File(s) | Trace(s) | Type | Remark |
|---------|---------|----------------------------------|----------------------|--|
| ALL | ALL | 304 | Noisy Trace(s) | |
| ALL | ALL | 1991, 243, 109, 1657, 1553 | Spiking Trace(s) | |
| ALL | ALL | 1492 | Weak Trace(s) | Trace signal less than -6dB of nominal value |
| ALL | ALL- | 161, 1846, 1983 | Killed traces | |
| 3227 | 3227 | ALL | External header lost | |

Warning

| Shot(s) | File(s) | Trace(s) | Type | Remark |
|---------|---------|----------|------------------|---------------------------|
| 3011 | 3011 | ALL | Gun timing error | Gun 2-3 error (ms) : -1.1 |

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 |