



ACQUISITION REPORT Sequence-0069



Survey:

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

Sequence:

Linename GP021648P069
Preplot GP021648
Direction 18.0°
SOL Date 22:11:38utc 31-Aug-
2002
EOL Date 03:14:20utc 01-Sep-
2002

Attributes:

| | | | |
|-----------------|------|----------|--------|
| Wind Force | 15.0 | [knots] | Dir W |
| Swell Height | 1.0 | [meters] | Dir SW |
| Propellor rpm | 135 | [avg] | |
| Propellor pitch | 90 | [avg] | |

| | | | |
|---------------|------------|------------|------------|
| | SOL | EOL | |
| Waterdepth | 66.0 | 87.0 | [meters] |
| Bottomspeed | 4.4 | 5.1 | [knots] |
| Featherangle | sb +13.6 | port -10.5 | [deg] |
| Cable noise | 7.1 | 6.8 | [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) | | 3278 - 3277 | | | | |
| SOL Dummy Record(s) | 3276 - 3267 | 3276 - 3267 | 22:10:16 - 22:11:30 | | | |
| FSP Start of Line | 3266 | 3266 | 22:11:38 | | | |
| MSP | 2411 | 2411 | 23:59:57 | | | |
| LSP End of Line | 878 | 878 | 03:14:20 | | | |
| EOL Dummy Record(s) | | | | | | |
| EOL Noise Record(s) | | 877 - 877 | | | | |
| <u>Line-segments:</u> | | | | | | |
| SPs | Files | Times [utc] | Type | # CMPs | Status | Remarks |
| 3266 - 878 | 3266 - 878 | 22:11:38- 03:14:20 | Prime | 16 | Valid | |
| <u>Remarks:</u> | | | | | | |
| Navigation | Streamer depth at 8m | | | | | |
| Recording QC | Frontsheet Set 1. Gundepth calibrated at atmospheric pressure 1032mB, pressure now 1019mB. High noise value, bend in cables @ SOL d/t short run-in. | | | | | |

Tape-list

| Stream 1 | | | | |
|-------------|-------------|-----------|-----|--------|
| Shot(s) | Files | Deck Reel | | Remark |
| 3278 - 2851 | 3278 - 2851 | 1 | 342 | |
| 2850 - 2421 | 2850 - 2421 | 2 | 343 | |
| 2420 - 1991 | 2420 - 1991 | 1 | 344 | |

| | | | |
|-------------|-------------|---|-----|
| 2420 - 1991 | 2420 - 1991 | 1 | 344 |
| 1990 - 1561 | 1990 - 1561 | 2 | 345 |
| 1560 - 1131 | 1560 - 1131 | 1 | 346 |
| 1130 - 877 | 1130 - 877 | 2 | 347 |

Stream 2

| Shot(s) | Files | Deck | Reel | Remark |
|-------------|-------------|------|------|--------|
| 3278 - 2851 | 3278 - 2851 | 3 | 342 | |
| 2850 - 2421 | 2850 - 2421 | 4 | 343 | |
| 2420 - 1991 | 2420 - 1991 | 3 | 344 | |
| 1990 - 1561 | 1990 - 1561 | 4 | 345 | |
| 1560 - 1131 | 1560 - 1131 | 4 | 346 | |
| 1130 - 877 | 1130 - 877 | 3 | 347 | |

Seismic Data Annotations

NTBP

| Shot(s) | File(s) | Trace(s) | Type | Remark |
|-----------|-----------|----------------------------|------------------------|--|
| ALL | ALL-879 | 161 | Killed traces | |
| ALL | ALL-879 | 1846 | Killed traces | |
| ALL | ALL | 248, 304, 2178 | Noisy Trace(s) | |
| ALL | ALL | 1492, 1983 | Weak Trace(s) | Trace signal less than -6dB of nominal value |
| ALL | ALL | 1991, 243, 109, 1657, 1553 | Spiking Trace(s) | |
| 3116 | 3116 | 2345 | Noisy Trace(s) | |
| 2538 | 2538 | ALL | External header lost | |
| 1820 | 1820 | 2085 | Noisy Trace(s) | |
| 1178-1164 | 1178-1164 | 242, 265 | Bird depth out of spec | Bird C1-12 max depth 11.4mtrs |

Warning

| Shot(s) | File(s) | Trace(s) | Type | Remark |
|-----------|-----------|----------|--------------------|--|
| SOL-EOL | SOL-EOL | NONE | Pressure Indicator | Subarray 5 pressure indicator bad. Subarray 6 pressure indicator reading slightly high. |
| 3160 | 3160 | ALL | Gun timing error | Gun 4-5 error (ms) : -1.1 |
| 2973 | 2973 | ALL | Gun timing error | Gun 2-3 error (ms) : -1.1 |
| 2756 | 2756 | ALL | Gun timing error | Gun 6-1 error (ms) : 1.6 |
| 2403-1945 | 2403-1945 | ALL | Bad DI | Gun DI 5-4 incorrect reading |
| 2214 | 2214 | ALL | Gun timing error | Gun 4-5 error (ms) : -1.1 |
| 2068 | 2068 | ALL | Gun timing error | Gun 4-5 error (ms) : -1.2 |

| | | | | |
|-----------|-----------|------|------------------------|-----------------------------|
| 1704 | 1704 | ALL | Gun timing error | Gun 4-5 error (ms) : -1.1 |
| 1492 | 1492 | ALL | Gun timing error | Gun 4-5 error (ms) : -1.1 |
| 1298-1282 | 1298-1282 | NONE | Bird depth out of spec | Bird C1-12 |
| 1259-1193 | 1259-1193 | NONE | Bird depth out of spec | Bird C5-9 |
| 1256-1179 | 1256-1179 | NONE | Bird depth out of spec | Bird C1-12 |
| 1171-1062 | 1171-1062 | ALL | Ship Noise | From astern. Level 20 uBar. |
| 1080-1050 | 1080-1050 | NONE | Bird depth out of spec | Bird C1-12 |
| 924 | 924 | ALL | Gun timing error | Gun 5-4 error (ms) : -1.1 |
| 902-878 | 902-878 | NONE | Bird depth out of spec | Bird C1-12 |
| 889 | 889 | 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. | Deg | Degrees: e[0,360] |
| FSP/LSP | First/Last shotpoint of the line. | rev | Revolutions |
| FCSP/LCSP | First/Last chargeable shotpoint | utc | Universal Time Coordinated |
| MSP | Midnight (last) shotpoint of the day | SPs | Shotpoints |
| FGSP/LGSP | First/Last Good Shotpoint | CMPs | Common midpoints |
| FOSP/LOSP | First/Last Overlap Shotpoint | NTBP | Not to be processed |
| FSP/LSP R/O | First/Last Shotpoint Runout | SI | Seismic interference |