



ACQUISITION REPORT Sequence-0129



Survey:

Client BHPBP
Area Vic/P45 Gippsland
Basin
Vessel GECO_BETA
JobNumber 9227
Survey Type 3D, Dual source, 6
Streamers

Sequence:

Linename GP021408J129
Preplot GP021408
Direction 198.0°
SOL Date 21:58:47utc 24-Sep-
2002
EOL Date 00:28:27utc 25-Sep-
2002

Attributes:

Wind Force 10.0 [knots] Dir SW
Swell Height 1.5 [meters] Dir SW
Propellor rpm 135 [avg]
Propellor 88 [avg]
pitch

SOL EOL
Waterdepth 91.0 70.0 [meters]
Bottomspeed 4.2 5.1 [knots]
Featherangle 0.0 port -9.1 [deg]
Cable noise 5.9 5.9 [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 Format | 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 |

Production

| | Shotpoint | File | Time [utc] | | | |
|------------------------------|-------------|--------------------------------------------------------------------------------------------|---------------------|-----------|-----------|--------------------------------------|
| SOL Noise Record(s) | | 2028 - 2029 | | | | |
| SOL Dummy Record(s) | | | | | | |
| FSP Start of Line | 2030 | 2030 | 21:58:47 | | | |
| MSP | 2890 | | | | | |
| LSP End of Line | 3098 | 3098 | 00:28:27 | | | |
| EOL Dummy Record(s) | 3099 - 3099 | 3099 - 3099 | 00:28:34 - 00:28:34 | | | |
| EOL Noise Record(s) | | 3099 - 3100 | | | | |
| <u>Line-segments:</u> | | | | | | |
| SPs | Files | Times [utc] | Type | # CMPs | Status | Remarks |
| 2030 - 2254 | 2030 - 2254 | 21:58:47-22:26:43 | Infill | 12 | Valid | First line segment before whale obs. |
| 2255 - 3027 | 2255 - 3027 | 22:26:51-00:18:56 | Infill | 0 | Scratched | Scratched dt whale sighting |
| 3028 - 3081 | 3028 - 3081 | 00:19:05-00:26:24 | Infill | 12 | Valid | Second line segment |
| 3082 - 3098 | 3082 - 3098 | 00:26:31-00:28:27 | Infill | 0 | Scratched | Scratched dt whale |
| <u>Remarks:</u> | | | | | | |
| Navigation | | Streamer Depth 8 mtrs. | | | | |
| Recording QC | | Frontsheet Set 2. Gundepth calibrated at atmospheric pressure 1013mB, pressure now 1016mB. | | | | |

Tape-list

| Stream 1 | | | | |
|-------------|-------------|-----------|-----|--------|
| Shot(s) | Files | Deck Reel | | Remark |
| 2028 - 3100 | 2028 - 3100 | 1 | 520 | |
| Stream 2 | | | | |
| Shot(s) | Files | Deck Reel | | Remark |
| 2028 - 3100 | 2028 - 3100 | 4 | 520 | |

Seismic Data Annotations

NTBP

| Shot(s) | File(s) | Trace(s) | Type | Remark |
|-----------|---------|------------|------------------|----------------------------------------|
| ALL | ALL | 1490, 1810 | Spiking Trace(s) | |
| ALL | ALL | 55 | Noisy Trace(s) | |
| ALL | ALL- | 1255, 1615 | Killed traces | |
| 2276-3021 | | ALL | Missing File | Files not recorded by recording system |
| 3029 | 3029 | ALL | Gun timing error | Gun 1-1 error (ms) : 3.1 |

Warning

| Shot(s) | File(s) | Trace(s) | Type | Remark |
|-----------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------|
| ALL | ALL | 1-13, 15, 17, 25, 369-375, 377-378, 383, 387, 392-393, 396, 402, 758, 767, 1105, 1473-1483, 1485, 1489-1491, 1493-1494, 1496-1497, 1841-1865, 1873, 1880 | Slope alarm | > 5% of total line |
| 2030 | 2030 | ALL | Gun timing error | Gun 5-1 error (ms) : -1.7 |
| 2115 | 2115 | ALL | Gun timing error | Gun 2-3 error (ms) : -1.1 |
| 2184 | 2184 | ALL | Gun timing error | Gun 6-2 error (ms) : -1.6 |
| 3028 | 3028 | ALL | Gun timing error | Gun 6-2 error (ms) : 1.6 |
| 3043 | 3043 | ALL | Gun timing error | Gun 1-5 error (ms) : 1.1 |
| 3057 | 3057 | ALL | Gun timing error | Gun 2-3 error (ms) : -1.1 |
| 3060-3071 | 3060-3071 | 1866-1889 | Bird depth out of spec | Bird C6-3 |

Comment

| Shot(s) | File(s) | Trace(s) | Type | Remark |
|---------|---------|----------|------------------|-------------------------------------------|
| 2254 | 2254 | ALL | Line Information | LGSP before stoped guns dt whale sighting |
| 3028 | 3028 | ALL | Line information | FGS after whale sighting |
| 3081 | 3081 | ALL | Line information | Guns off, another whale |

List of used abbreviations:

COL/501

Start/End of line

Deg

Degrees: e[0,360]

rev

Revolutions

| | | | |
|-------------|--------------------------------------|------|----------------------------|
| 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 |

TRILOGY INFORMATION MANAGER - ACQUISITION REPORT - GENERATED 21:20:17utc 25-Sep-2002