

	COMMENTS
001 Dir 125°	W03ANT1116 P1 SP 1001-1080 Line aborted – Not to be processed. Missed SP 1001 – 1080 due to incorrect baud rate into Syntrak and forced to reboot the system at the FSP. At SP 1258 – last SP of the line an autofire on array occurred and the line was terminated. All data scratched – not to be processed.
002 Dir 125°	W03ANT1116 P2 SP 1782 - 2944 Line portion complete Data Tape Nos: 35612 - 35613 Restart of previous line sequence – this line portion is complete. Shotpoints 1001-1781 to be reshot. Streamer depths slightly erratic due to the sea and swell conditions. Weather: Winds SE 20-22 Knots , Sea and Swell: S 2m. Noise at SOL: 5µB, EOL: 5µB (6Hz lo-cut filter applied) Water Depth: SOL: 39.3m, EOL: 53,7m Feather at SOL: -0.4°, EOL : 1,7-°, Max: -2,2° Streamer Depth: 7.8 – 8.0m due to prevailing swell – acceptable depth control. Noisy Traces: Nil logged – random swell bursts throughout the line - acceptable Gun Volume @ SOL: 2500 , EOL: 2500 SP 2148 Gun 5-4 disabled, gun 4-7 enabled. No valume variation. Gun edits: SP 2146, 2156 mifires Missed Shots: SP 2132, 2382 No data recorded.
003 Dir 305°	W03ANT1156 P1 SP 2836-893 Complete Data Tape Nos: 35614 - 35617 Streamer depths slightly erratic due to the sea and swell conditions. Streamer depth set to 8.5m to reduce effects of swell interference. Random swell noise bursts observed throughout the line. SP 1311, file number – incorrect SP number in header, should read 1318 Weather: Winds SE 20 Knots , Sea and Swell: SSW 2m. Noise at SOL: 6-7µB, EOL: 7-8µB (6Hz lo-cut filter applied) Water Depth: SOL: 56.2m, EOL: 36.8m Feather at SOL: -1.9°, EOL : -1.07°, Max: -3.0° Streamer Depth: 8.5 metres due to prevailing swell – acceptable depth control. Noisy Traces: Nil logged – random swell bursts observed throughout the line. Gun Volume @ SOL: 2500 , EOL: 2500 Gun edit logged : 2 timing errors above 1.5ms, 4 spread errors above 2ms Missed Shots: 2623, 2356, 2355 due to vessel speed variation in swell.
004 Dir 125°	W03ANT1108 P1 SP 1001 - 2944 Complete Data Tape Nos: 35618 - 35621 Streamer depths slightly erratic due to the sea and swell conditions. Streamer depth set to 8.5m to reduce effects of swell interference. Random swell noise bursts observed throughout the line. Weather: Winds SE 25-30 Knots , Sea and Swell: S 2-3m. Noise at SOL: 5µB, EOL: 5-6µB (6Hz lo-cut filter applied) Water Depth: SOL:38.2m, EOL: 53.6m Feather at SOL: -2.1°, EOL : -3.2°, Max: -3.2° Streamer Depth: 8.5 metres due to prevailing swell – acceptable depth control. Noisy Traces: Nil logged – random moderate to strong swell bursts throughout the line. Gun Volume @ SOL: 2500 , EOL: 2500 Gun edits logged : 3 timing errors above 1.5ms – 3 spread errors above 2ms Missed Shots: 1127, 2863 due to vessel speed variation in swell. From SOL to EOL depth controller 4 – no communications
005 Dir 305°	W03ANT1148 P1 SP 2836 - 893 Complete Data Tape Nos: 35622 - 35625 Streamer depths erratic due to the sea and swell conditions. Streamer depth set to 8.5m to reduce effects of swell interference. Random swell noise bursts observed throughout the line. Weather: Winds SE 18-25 Knots , Sea and Swell: S 2-3m. Noise at SOL: 5µB, EOL: 5µB (6Hz lo-cut filter applied) Water Depth: SOL: 56.9m, EOL: 38.96m Feather at SOL: -0.2°, EOL : 0.5°, Max: -2.2° Streamer Depth: 8.5 metres due to prevailing swell – acceptable depth control. Noisy Traces: Nil logged – random moderate swell bursts throughout the line. Gun Volume SOL: 2500 , EOL: 2500. Spread timing error: 2770, 2652, 2614, 2220, 1992, 1702, 1178,898 Gun edits logged : 3 timing errors above 1.5ms – 3 spread errors above 2ms Missed Shots: SP 1197, 1735.
006 Dir 125°	W03ANT1036 P1 SP 1001 - 2944 Complete Data Tape Nos: 35626 - 35629 Reasonable balance and control some random swell bursts observed. Fair balance areas were depth control does go out of spec – see below. Max depth 11.2m. Weather: Winds SE 18-25 Knots , Sea and Swell: S 2-3m. Noise at SOL: 5µB, EOL: 5-6µB (6Hz lo-cut filter applied) Water Depth: SOL: 33.6m, EOL: 52.6m Feather at SOL: -1.1°, EOL : -2.0°, Max: -2.3°

	<p>Streamer Depth: 8.5 metres due to prevailing swell – acceptable depth control. SP 2453-2920 bird 5 deep to 11.2m on streamer 1. Lost comms on bird 4 streamer 2 form SOL to EOL Noisy Traces: Nil logged – random swell bursts throughout the line. Gun Volume SOL: 2500 , EOL: 2500 Good pressure and control. Gun edits logged : 3 spread errors above 2ms SP 1136, 1618, 1662 Missed Shots: SP 1266, 1727 .</p>
007 Dir 305°	<p>W03ANT1140 P1 SP 2836 - 893 Complete Data Tape Nos: 35630 - 35633 Acceptable swell noise, balance and control on line. Weather: Winds SE 18 Knots , Sea and Swell: S 2m. Noise at SOL: 7µB, EOL: 7µB (6Hz lo-cut filter applied) Water Depth: SOL: 56.9m, EOL: 38.96m Feather at SOL: -0.2°, EOL : 0.5°, Max: -2.2° Streamer Depth: 7.5 metres acceptable depth control. Noisy Traces: Nil logged – random swell bursts throughout the line. Gun Volume SOL: 2500 , EOL: 2500. Good pressure and control. Gun edits logged : – 3 spread errors above 2ms SP 2252, 1700, 908 Missed Shots: 2003</p>
008 Dir 125°	<p>W03ANT1100 P1 SP 1001 - 2944 Complete Data Tape Nos: 35634 - 35637 Acceptable swell noise, balance and control on line. Some random bursts of swell noise observed. Weather: Winds W 20 knots Knots , Sea and Swell: W 20 knots. Noise at SOL: 6-7µB, EOL: 6-7µB (6Hz lo-cut filter applied) Water Depth: SOL: 37.4m, EOL: 53.96m Feather at SOL: -0.0°, EOL : 0.9°, Max: -1.7° Streamer Depth: 7.5 metres acceptable depth control. Bird 4 on streamer 4 lost communications for complete line. Unable to replace due to swell at this time. Noisy Traces: Nil logged – random swell bursts throughout the line. Gun Volume SOL: 2500 , EOL: 2500. Good pressure and control. SP 2155 gun 1-11 disabled , gun 1-8 enabled. False autofires displyed on gun 1-11 – electrical short. Gun edits logged : – 4 spread errors above 2ms SP 1705, 2564, 2610, 2666 Missed Shots: NIL</p>
009 Dir 305°	<p>W03ANT1132 P1 SP 2836-893 Complete Data Tape Nos: 35638 - 35641 Acceptable swell noise, balance and control on line. Some random bursts of swell noise observed. Weather: Winds SW 20 knots Knots , Sea and Swell: SSW 2Up to 2 metres. Noise at SOL: 6-7µB, EOL: 6-7µB (6Hz lo-cut filter applied) Water Depth: SOL: 42.2m, EOL: 36.4m Feather at SOL: 0.4°, EOL : -0.4°, Max: 1.1° Streamer Depth: 7.5 metres acceptable depth control. Bird 4 on streamer 4 lost communications for complete line. Unable to replace due to swell at this time. Noisy Traces: Nil logged – random swell bursts throughout the line. Gun Volume SOL: 2500 , EOL: 2500. Good pressure and control. SP 2155 gun 1-11 disabled , gun 1-8 enabled. False autofires displyed on gun 1-11 – electrical short on gun controller – gun not firing (Gun 1-11) Gun edits logged : – 11 spread errors above 2ms SP 2684,2644,2454,2170,2168,2164,1772,1626, 1355,1315,1248 Missed Shots: NIL</p>
010 Dir 125°	<p>W03ANT1004 P1 SP 1022 - 2944 Incomplete - Syntrak hangup Data Tape Nos: 35642 - 35645 Missed SP 1001 –1021 due to a Syntrak hangup and reboot during the run-in to SOL Acceptable swell noise, balance and control on line. Some random bursts of swell noise observed. Weather: Winds SW 10 knots Knots , Sea and Swell: SW up to 2 metres. Noise at SOL: 5-8µB, EOL: 5-8µB (6Hz lo-cut filter applied) Water Depth: SOL: 22.5m, EOL: 53.7m Feather at SOL: -2.3°, EOL : 0.2°, Max: -1.9° Streamer Depth: 7.5 metres acceptable depth control. Bird 4 on streamer 4 lost communications for complete line. Unable to replace due to swell at this time. Noisy Traces: Nil logged – random swell bursts throughout the line. Gun Volume SOL: 2500 , EOL: 2500. Good pressure and control. SP 2155 gun 1-11 disabled , gun 1-8 enabled. Gun 1-11 disabled whole line – replaced by gun 1-8 same volume. Gun edits logged : – 3 spread errors above 2ms SP 1477, 1516, 2494. Timing errors: Sp 1131, 2265 Missed Shots: 1676, 1679, 2063 due to vessel speed.</p>
011 Dir 305°	<p>W03ANT1124 P1 SP 2836 - 1678 Incomplete - airleak - circle Data Tape Nos: 35646 - 35648 Stop shooting at SP 1678 due to an air-leak. Cirlce to complete line. Acceptable swell noise, balance and control on line. Some random bursts of swell noise observed. Weather: Winds SW 8 knots Knots , Sea and Swell: SW up to 1.5 metres.</p>

	<p>Noise at SOL: 7-8µB, EOL: 7-8µB (6Hz lo-cut filter applied) Water Depth: SOL: 55.6m, EOL: 39.0m Feather at SOL: 1.3°, EOL : -0.2°, Max: 1.3° Streamer Depth: 7.5 metres acceptable depth control. Bird 4 on streamer 4 lost communications for complete line. To be replaced at first opportunity. Noisy Traces: Nil logged – random swell bursts throughout the line. Gun Volume SOL: 2500 , EOL: 2500. Good pressure and control. SP 2155 gun 1-11 disabled , gun 1-8 enabled. Gun 1-11 false autofires throughout the line. Electrical short in the system. Gun edits logged : – 7 spread errors above 2ms SP 2696, 2672, 2458, 2202,1878, 1756, 1735. SP 1845 gun 1-11 disabled. SP 1843 Gun 1-8 enabled Timing errors: Sp 1131, 2265. Missed Shots: 2308, 2307</p>
012 Dir 305°	<p>W03ANT1124 P1 SP 1687 – 836 Second portion to completion. Data Tape Nos: 35649 - 35650 Continuation of line after aborting due to an air-leak on array 1. Now complete.. Acceptable swell noise, balance and control on line. Some slight random bursts of swell noise observed. Weather: Winds SSW 5 knots Knots , Sea and Swell: SSW up to 1.5 metres. Noise at SOL: 5-6µB, EOL: 5-6µB (6Hz lo-cut filter applied) Water Depth: SOL: 38.3m, EOL: 41.0m Feather at SOL: -2.4°, EOL : -0.2°, Max: -2.4° Streamer Depth: 7.5 metres acceptable depth control. Bird 4 on streamer 4 lost communications for complete line. To be replaced at first opportunity. Noisy Traces: Nil logged – random swell bursts throughout the line. Gun Volume SOL: 2500 , EOL: 2500. Good pressure and control. Gun edits logged : – 2 spread errors above 2ms SP 1660, 1310 Timing errors: NIL Missed Shots: 1162</p>
013 Dir 125°	<p>W03ANTI012 P1 SP 1001 – 2836 Incomplete SP 2102-2153 to be reshot Data Tape Nos: 35651 - 35655 Missed SP 2102-2153 due to an on-line hangup with the Spectra. Rebooted the system and continued recording the line to completion. The portion missed will have to be reshot on PGS account at a convenient time later in the survey. Acceptable swell noise, balance and control on line. Some random bursts of swell noise observed. Weather: Winds E 8 knots Knots , Sea and Swell: ESE up to 3.0 metres at times near the end of the line Noise at SOL: 7-8µB, EOL: 7-8µB (6Hz lo-cut filter applied) Water Depth: SOL: 32.1m, EOL: 53.6m Feather at SOL: -1.6°, EOL : 1.0°, Max: 1.0° Streamer Depth: 7.5 metres acceptable depth control. Bird 4 on streamer 4 lost communications for complete line. To be replaced at first opportunity. Noisy Traces: Nil logged – random swell bursts throughout the line. Gun Volume SOL: 2500 , EOL: 2500. Good pressure and control. Gun edits logged : – 5 spread errors above 2ms SP 1224, 1957, 2484, 2834, 2840 Timing errors above 1.5ms: NIL Missed Shots: Data tape 35653 not to be processed. SP 2102-2153 not recorded due to Syntrak</p>
014 Dir 125°	<p>W03ANTI092 P1 SP 1099 – 2836 Incomplete Data Tape Nos: 35656 – 35662 Tapes 35659 – 35660 NOT TO BE PROCESSED. Missed SP 1001-1099 due to Spectra Gun Controller hangup at SOL – reboot and continue down the line. Miss SP 2112-2210 Syntrak crash on-line – reboot and continue down the line. To be reshot. Moderate to strong bursts of swell noise observed along this line. Erratic cable depths. Weather: Winds W 10 knots , Sea and Swell: SW up to 2.0-3.0 metres at times. Noise at SOL: 5-8µB, EOL: 5-8µB (6Hz lo-cut filter applied) Water Depth: SOL: 38m, EOL: 55.0m Feather at SOL: 1.5°, EOL : 0.7°, Max: 1.5° Streamer Depth: 8.5 metres acceptable depth control. Fair but some erratic behaviour in marginal conditions. Bird 1 streamer 2 max depth 11m. Bird 13 streamer 4 max depth 10.7 occasionally. SP 1900-1974 bird 9 on streamer 4 occasionally to 10.2m Noisy Traces: Nil logged – random moderate to strong swell bursts throughout the line. Streamer 2, channels 265-276 failed Harmonic Distortion Tests in Monthly Tests. Unable to replace module at this time due to sea and swell conditions. Streamer 2 channels 254, 247 failed daily tests – edit due to hydrophone leakage. Gun Volume SOL: 2500 , EOL: 2500. Good pressure and control. Guns sequence changed on SP ranges 1100-1118, 1120-1134, 1136-1141 Gun edits logged : – 4 spread errors above 2ms SP 1007,1560, 1612, 2666. Timing errors above 1.5ms: SP 1560, 1612, 2666 Missed Shots: 1001-1099 and 2112-2210 both due to instrument and source controller problems.</p>
015 Dir 305°	<p>W03ANT1164P1 SP 2836 - 893 Incomplete – depth edits on cable 4. Data Tape Nos: 35663 - 35666 Moderate bursts of swell noise observed along this line. Very erratic cable depths at head of cable 4. Weather: Winds E 8 knots Knots , Sea and Swell: ESE up to 3.0 metres at times near the end of the line Noise at SOL: 7-8µB, EOL: 7-8µB (6Hz lo-cut filter applied)</p>

	<p>Water Depth: SOL: 56.1m, EOL: 37.0m Feather at SOL: 1.5°, EOL : 0.7°, Max: 1.5° Streamer Depth: 8.5 metres. Poor depth control - outer streamer 4. Depth controllers 3-7 running very deep and data will have to be edited for the affected traces. Noisy Traces: – random swell bursts throughout the line. Gun Volume SOL: 2500 , EOL: 2500. Good pressure and control. Gun edits logged : – 8 spread errors above 2ms SP 2634, 2060. 1524, 1222, 1188 1132, 1106, 988 Timing errors above 1.5ms: 2634, 2060, 1524, 1222, 1188, 1106, 988 Missed Shots/ No data records: SP 2756 to 2662, 2402 – 2274, 1711, 1172-1174 Data Logger hangup between SP 2402-2274 – data on tape has been checked and verified as good.</p>
016 Dir 125°	<p>W03ANTI012 P1 SP 2092-2153 Line now complete Data Tape Nos 35667 Weather: Winds 7-15 knots , Sea and Swell: 2-3metres at times. Noise at SOL: 5-6µB, EOL: 5-6µB (6Hz lo-cut filter applied) Water Depth: SOL: 21.4m, EOL: 20m Feather at SOL: 0.3°, EOL : 0.3°, Max: 0.3 ° Streamer Depth: 7.5 to 8 metres - acceptable. Noisy Traces: 300, 312, 13 and 254 intermeittent spiking Gun Volume SOL: 2500 , EOL: 2500. Gun edits logged : NIL (Sp 2132 gun 4-6 false auto-fire display – no sign on QC) Timing errors above 1.5ms: SP Missed Shots: NIL</p>
017 Dir 305°	<p>W03ANTI260 P1 SP 2168 – 893 Complete Data Tape Nos 35668-35670 Weather: Winds 12 knots , Sea and Swell: 2-3metres at times. Noise at SOL: 4-6µB, EOL: 4-6µB (6Hz lo-cut filter applied) Water Depth: SOL: 47.2.4m, EOL: 41.9m Feather at SOL: 0.4°, EOL : 0.1°, Max: 0.4 ° Streamer Depth: 7.5 to 8 metres - acceptable. Straemr 4 bird 6 max depth occasionally 9.1m Noisy Traces: 204, 300, 299, 312, 13 noisy and 254 intermeittent spiking Gun Volume SOL: 2500 , EOL: 2500. Gun edits logged : Delta errors over 2.1ms : 1346, 1122, 1120,1118, 1116, 1114 Timing errors above 1.5ms: SP 1314 Missed Shots: SP 1069, 1068 ExtractionErrors: 2129,2124,2006,1979,1976,1479,1444,1355,1353,1325,1311,1296,1290,1284,1279,1204,1093</p>
018 Dir 125°	<p>W03ANTI044 P1 SP 1001 - 2944 Line now complete Data Tape Nos 35671 - 35674 Weather: Winds 7 knots , Sea and Swell: 2 metres at times. Noise at SOL: 4-6µB, EOL: 4-6µB (6Hz lo-cut filter applied) Water Depth: SOL: 26.7m, EOL: 55.2m Feather at SOL: 0.3°, EOL : 0.3°, Max: 0.3 ° Streamer Depth: 7.5 to 8 metres - acceptable. Noisy Traces: 204, 300, 299, 312, 13 noisy and 254 intermeittent spiking Extraction Errors: 959, 1007, 1015, 1016, 1094, 1096, `098, 1107, 1133, 1134, 1137, 1150, 1794, 2899 Gun Volume SOL: 2500 , EOL: 2500. Gun edits logged : NIL Timing errors above 1.5ms: SP 1004,1855,2071, 2336, 2808, 2822 Missed Shots: NIL: 1097, 2107, 2260</p>
019 Dir 305°	<p>W03ANTI172 P1 SP 2168 – 893 Complete Data Tape Nos 35675-35678 Weather: Winds 4-9 knots , Sea and Swell: 2 metres at times. Noise at SOL: 4-6µB, EOL: 4-6µB (6Hz lo-cut filter applied) Water Depth: SOL: 58.4m, EOL: 38.2m Feather at SOL: -1.3°, EOL : 0.0°, Max: -1.3 ° Streamer Depth: 7.5 to 8 metres - acceptable. Noisy Traces: 204, 300, 299, 312, 13 noisy and 254 intermeittent spiking Gun Volume SOL: 2500 , EOL: 2500. Gun edits logged : Delta errors over 2.1ms : 2280,1936,1859, 1848, 1851,1703,1643,1601,1505 Timing errors above 1.5ms: NIL Missed Shots: SP SP 1925-1923, 1848,1771,1270, ExtractionErrors: 1574, 1568, 1570, 1253, 1239</p>
020 Dir 125°	<p>W03ANTI020 P1 SP 1001 - 2944 Complete Data Tape Nos 35679-35683 Weather: Winds 4-9 knots , Sea and Swell: 2 metres at times. Noise at SOL: 4-5µB, EOL: 4-5µB (6Hz lo-cut filter applied) Water Depth: SOL: 35.3m, EOL: 52.6m Feather at SOL: -1.6°, EOL : 0.7°, Max: -1.6 ° Streamer Depth: 8 metres - acceptable. From SOL to SP 1215 Cable 4 Bird 11 deep to 10m. Noisy Traces: 204, 300, 299, 312, 13 noisy and 254 intermeittent spiking</p>

	<p>Gun Volume SOL: 2500 , EOL: 2500. Gun edits logged : Delta errors over 2.1ms : 1026, 1998, 2627 Timing errors above 1.5ms: NIL Missed Shots/No data records: SP 1492, 1526, 1574, 1758-1756, 2538, 2921, 2927, 2928 Trace Edits: 1092-1296 to be edited from SP 1215-1427 to replace depth controller cable 4, bird 11 Tape Error: SP 1529</p>
021 Dir 305°	<p>W03ANT1180 P1 SP 2730 - 893 Incomplete – Extraction Errors SP 2780-2475 to be reshot Data Tape Nos 35684-35687 Weather: Winds 10 knots , Sea and Swell: 2 metres at times. Noise at SOL: 4-5µB, EOL: 4-5µB (6Hz lo-cut filter applied) Water Depth: SOL: 57.5m, EOL: 39.2m Feather at SOL: -1.6°, EOL : 0.7°, Max: -1.6 ° Streamer Depth: 8 metres - acceptable. Noisy Traces: 204, 300, 299, 312, 13 noisy and 254 intermeittent spiking Gun Volume SOL: 2500 , EOL: 2500. Gun edits logged : Delta errors over 2.1ms: Sp 1920, 2561. 2174, 1920. Gun Sequence: Guns firing out of sequence and corrected at SP 2762 Timing errors above 1.5ms: 2471 Missed Shots/No data records: SP 2576, 2568, 2562, 2489, 2485, 2484, 2456, 2455, 2454, 2442-2425 No data recorded from SP 2443-2424 due to reintialising streamer 3 because of multiple extraction errors. (To be confirmend by OBP QC on completion)</p>
022 Dir 125°	<p>W03ANT1052 P1 SP 1001 - 2944 Complete Data Tape Nos 35688 - 35691 Weather: Winds 3-5 knots , Sea and Swell: 2 metres at times. Noise at SOL: 4-5µB, EOL: 4-5µB (6Hz lo-cut filter applied) Water Depth: SOL: 27.3m, EOL: 54.7m Feather at SOL: -1.8°, EOL : -1.1°, Max: 1.8 ° Streamer Depth: 7.5 to 8 metres - acceptable. Noisy Traces: 204, 300, 299, 312, 13 noisy and 254 intermeittent spiking Extraction Errors: NIL Gun Volume SOL: 2500 , EOL: 2500. Timing errors above 1.5ms: SP 1088, 2007 Missed Shots: 2678, 2679 to be verified by OBP</p>
023 Dir 305°	<p>W03ANT1188 P1 SP 2658-893 Complete Data Tape Nos 35692-35696 Weather: Winds W 5 knots , Sea and Swell: 2 to 3 metres at times. Noise at SOL: 4-6µB, EOL: 4-6µB (6Hz lo-cut filter applied) Water Depth: SOL: 40.7m, EOL: 34 m Feather at SOL: 1.2°, EOL : 0.6 °, Max: 1.2° Streamer Depth: 7.5 to 8 metres - acceptable. Noisy Traces: 204, 300, 299, 312, 13 noisy and 254 intermeittent spiking Gun Volume SOL: 2500 , EOL: 2500. Gun edits logged : Delta errors over 2.1ms : 976 Timing errors above 1.5ms: NIL 2574 Missed Shots: SP 2656, 2655, 2513, 1314,1307, 1306, 1305, 1116-1091 (to be confirmed by OBP) ExtractionErrors: 1912, 1908, 1643</p>
024 Dir 125°	<p>W03ANT 1028 P1 1001 – 2944 Incomplete – Syntrak Lock-up SP 2239-2282 Data Tape Nos 35697 - 35703 Weather: Winds 4-9 knots , Sea and Swell: 2 metres at times. Noise at SOL: 4-6µB, EOL: 4-6µB (6Hz lo-cut filter applied) Water Depth: SOL: 29.2m, EOL: 54.1m Feather at SOL: -1.5°, EOL : -0.6 °, Max: -1.5 ° Streamer Depth: 7.5 to 8 metres - acceptable. Noisy Traces: 204, 300, 299, 312, 13 noisy and 254 intermeittent spiking Gun Volume SOL: 2500 , EOL: 2500. Gun edits logged : Delta errors over 2.1ms : 1491, 1545, 1683, 1818, 2291, 2413, 2809, Timing errors above 1.5ms: 1977, Missed Shots: SP 1027, 2373, 2380,2586 Extraction Errors: SP 1120,1121,1189, 1669,2169,2170,2177,2310,2455 Tape Errors: SP 2239, 2240.2254.2431. Syntrak lock-up at SP 2239-2282 – data to be reshot. (The above tape and extraction errors are to be checked and confirmed by OBP QC)</p>
025 Dir 305°	<p>W03ANT1096 SP 2634 – 893 Incomplete – Syntrak Lock-up 1976 - 1959 Data Tape Nos 35704 - 35707 Weather: Winds 4-9 knots , Sea and Swell: 1.5 metres at times. Noise at SOL: 4-6µB, EOL: 4-6µB (6Hz lo-cut filter applied) Water Depth: SOL: 54.8m, EOL: 39.2 m Feather at SOL: -5.0°, EOL : 0 °, Max: -5.6 ° Streamer Depth: 7.5 to 8 metres - acceptable. Noisy Traces: 204, 300, 299, 312, 13 noisy and 254 intermeittent spiking</p>

	<p>Gun Volume SOL: 2500 , EOL: 2500. Gun edits logged : Delta errors over 2.1ms : 2577,2515,2452,2168,1486,1222 Timing errors above 1.5ms: NIL Missed Shots: SP 2380, 2229, 2152,2151,2073,2055.2054, 2051, 2050, 1976-1959, 1097 ExtractionErrors: 2385,2363,24343,2274,2155,2153,2150,2149,2096,2084,2083,2079,2078,2074,2056,2049,2048,2047, 2046 Syntrak Crash at SP 1975 – 1959 subject to confirmation by OBP QC,</p>
026 Dir 125°	<p>W03ANT1020 II SP 1001 - 2944 Infill -Complete Data Tape Nos 35708 - 35712 Weather: Winds 3-5 knots , Sea and Swell: 2 metres at times. Noise at SOL: 4-5µB, EOL: 4-5µB (6Hz lo-cut filter applied) Water Depth: SOL: 18.8m, EOL: 53.5m Feather at SOL: -1.4°, EOL : 0.8°, Max: 1.9 ° Streamer Depth: 7.5 to 8 metres - acceptable. Noisy Traces: 204, 300, 299, 312, 13 noisy and 254 intermittent spiking Extraction Errors: 1009, 1010, 1012, 1014, 2181 Gun Volume SOL: 2500 , EOL: 2500. Timing errors above 1.5ms: SP 1542, 2077, 2527, 2843 Missed Shots: 1005, 1006, 1008, 1009, 1010,1012,1014 to be verified by OBP Tape Errors: 2375 No Data Records: 1013, 1011, 1020,1097, 2369,2370,2376,2453,2840 This line was shot a part infill and part acquiring non-chargeable reshoots caused by Syntrak lockups on earlier lines.</p>
027 Dir 305°	<p>W03ANT1196 II SP 2648 - 2556 Line Aborted due to failure of streamer- TO BE RESHOT Data Tape Nos 35713 – 35714 Not to be processed Weather: Winds 3-5 knots , Sea and Swell: 2 metres at times. Noise at SOL: 4-5µB, EOL: 4-5µB (6Hz lo-cut filter applied) ALL DATA SCRATCHED - NOT TO BE PROCESSED</p>
028 Dir 305°	<p>W03ANT1196 I2 SP 2598 - 893 Infill -Complete Data Tape Nos 35715 - 35718 Weather: Winds 4-8 knots , Sea and Swell: 2.5 metres at times. Noise at SOL: 5µB, EOL: 5µB (6Hz lo-cut filter applied) Water Depth: SOL: 47.3m, EOL: 39m Feather at SOL: -1.9°, EOL : 1.6°, Max: 1.9 ° Streamer Depth: 7.5 to 8 metres - acceptable. Extraction Errors (Streamer 3): 1692, 1559, 1528, 1510, 1368, 1314, 1276, 1190, 1091 Gun Volume SOL: 2500 , EOL: 2500. Timing errors above 1.5ms: SP 1926, 1416 Array Spread Errors above 2.0ms: 2488, 2366,2072,1988, 1357,1334,1244,1239,1194,1148,1114,895 Missed Shots: 2518, 2517 to be verified by OBP Tape Errors: NIL</p>
Seq 029 Dir 125°	<p>W03ANT1060 P1 SP 2544 -893 Incomplete – Syntrak and Tape Errors at SOL Data Tape Nos 35719 - 35724 Weather: Winds 5-12 knots , Sea and Swell: 2-3 metres at times. Noise at SOL: 5-6µB, EOL: 5-6µB (6Hz lo-cut filter applied) Low level tugging on all streamers observed in large side swell Water Depth: SOL: 36.6m, EOL: 53.1m Feather at SOL: -1.8°, EOL : 1.8°, Max: 1.8 ° Streamer Depth: 8 metres - acceptable. Noisy Channel: 300, 123, 299, 312 Gun Volume SOL: 2500 , EOL: 2500. Extraction Errors Streamer 4: 1368, 1433, 1676, 1695, 2862 Timing errors above 1.5ms and Spread Errors: SP 1038, 1374,2076,2182,2346,2418 No Data Records: 1255, 1257, 1259, 1602, 1797, 2388, 2390, 2391 (to be checked and confirmed) Syntrak Log Corrupted Shots: 2486-2359, 1759, 1758,1636-1612, 1335 (to be checked and confirmed) Tape Errors: 1021 Tape unit 1, 1029 tape unit 2 No data from SP 1090-1230 Syntrak.Tape deck problems</p>
030 Dir 305°	<p>W03ANT1204 P1 SP 2544 -893 Complete Data Tape Nos 35725 - 35727 Weather: Winds 5 knots , Sea and Swell: 2-3 metres at times. Noise at SOL: 5-6µB, EOL: 5-6µB (6Hz lo-cut filter applied) Low level tugging on all streamers observed in large side swell Water Depth: SOL: 46m, EOL: 41m Feather at SOL: -3.8°, EOL : -0.2°, Max: -4.5 ° (Partially induced when steering for coverage) Streamer Depth: 8 metres - acceptable. Noisy Channel: 300, 123, 299, 312 Gun Volume SOL: 2500 , EOL: 2500. Extraction Errors: 2284, 2234,1807, No data records: 1440, 1439, Timing errors above 1.5ms and Spread Errors: SP 2232, 2226, 1958,1708,1436,1026</p>

	<p>Array volume change/Gun swaps: 981, 975, 974 Syntrak Log Corrupted Shots: 2486-2359, 1759, 1758,1636-1612, 1335 (to be checked and confirmed)</p>
031 Dir 125°	<p>W03ANT1068 P1 SP 1001-2944 Complete Data Tape Nos 35728 - 3571231 Weather: Winds 5-10 knots , Sea and Swell: 2-3.5 metres at times. Noise at SOL: 4-6µB, EOL: 4-6µB (6Hz lo-cut filter applied) Water Depth: SOL: 35.1m, EOL: 53.0m Feather at SOL: - 0.8°, EOL : 0.4°, Max: 1.3° Streamer Depth: 8 metres - acceptable. Gun Volume SOL: 2500 , EOL: 2500. Extraction Errors on streamer 4: 1282 Timing errors above 1.5ms and Spread Errors: SP 2064, 1380 Array Volume changes-Gun replacement SP 1433, 1434, 1513, 1515 No Data Records: 1038, 1603, 1988(to be checked and confirmed)</p>
032 Dir 305°	<p>W03ANT1212 P1 SP 2525 - 893 Incomplete Syntrak and Tape Deck Errors Data Tape Nos 35732 - 35736 Weather: Winds 5-10 knots , Sea and Swell: 2-3.5 metres at times. Noise at SOL: 4-6µB, EOL: 4-6µB (6Hz lo-cut filter applied) Water Depth: SOL: 35.1m, EOL: 53.0m Feather at SOL: 0.6°, EOL : 1.2°, Max: -1.2° Streamer Depth: 8 metres - acceptable. Gun Volume SOL: 2500 , EOL: 2500. Extraction Errors on streamer 4: 2508, 1975, 5073, Timing errors above 1.5ms and Spread Errors (2.1ms): SP 2314, 2070, 1670 Array Volume changes-Gun replacement SP 1433, 1434, 1513, 1515 No Data Records: 1929 – 1773 (to be checked and confirmed) Tape Deck and Syntrak lock-up Single no data records: 2423-2315, 2192, 1928-1772, 1294, 1191, 1190, 1116 SP 1929 Tape unit 2 error – missing data blocks</p>
Seq 033 Dir 125°	<p>W03ANT1076 P1 SP 1003 - 2944 Complete Missed the first 2 shotpoints due to a Syntrak lock-up at the SOL Data Tape Nos 35737 - 35741 Weather: Winds 6-12 knots , Sea and Swell: 2 to 2.5metres at times. Noise at SOL: 4-5µB, EOL: 4-5µB (6Hz lo-cut filter applied) Low level tugging on all streamers observed in large side swell Water Depth: SOL: 37.6m, EOL: 53.6m Feather at SOL: -1.2°, EOL : 0.4°, Max: 1.3 ° Streamer Depth: 8 metres - acceptable. Noisy Channel: 300, 123, 299, 312 Gun Volume SOL: 2500 , EOL: 2500. Extraction Errors Streamer 4: 2406 Timing errors above 1.5ms and Spread Errors: SP 1114, 1133, 1406, 1491, 2407 No Data Records: 1542. 1579-1577(to be checked and confirmed)</p>
Seq 034 Dir 305°	<p>W03ANT 1220 P1 SP 2478 - 893 Complete Data Tape Nos 35742 – 35745 Weather: Winds 6-12 knots , Sea and Swell: 1.5 to 2.5 metres at times. Noise at SOL: 4-5µB, EOL: 4-5µB (6Hz lo-cut filter applied) Low level tugging on all streamers observed in side swell Water Depth: SOL: 42.7m, EOL: 40.7 m Feather at SOL: -0.5°, EOL : 1.1°, Max: 1.1 ° Streamer Depth: 8 metres - acceptable. Noisy Channel: 300, 123, 299, 312 Gun Volume SOL: 2500 , EOL: 2500. Sp 2457-2456 guns firing out of sequence SP 1513 array volume change Extraction Errors Streamer 4: SP 2054 SP 1515 shot navigation header. Timing errors above 1.5ms and Spread Errors: SP 2237, 1644, 1615, 1584,</p>
Seq 035 125°	<p>W03ANT 1084 P1 SP 1001 - 2944 Complete Data Tape Nos 35746 – 35749 Weather: Winds 8-12 knots , Sea and Swell: 1.75 to 2.5 metres at times. Noise at SOL: 4-5µB, EOL: 4-5µB (6Hz lo-cut filter applied) Low level tugging on all streamers observed in side swell Water Depth: SOL: 31.1m, EOL: 53.9 m Feather at SOL: -1.0°, EOL : -1.0°, Max: -1.0 ° Streamer Depth: 8 metres - acceptable. Noisy Channel: 300, 123, 299, 312 Gun Volume SOL: 2500 , EOL: 2500. Sp 1253-1254 guns firing out of sequence Extraction Errors Streamer 4: SP 1602, 1722. SP 2043 incorrect file number in Syntrak log,,1199 should be 1193 Timing errors above 1.5ms and Spread Errors: SP 2237, 1644, 1615, 1584, No Data Records: 2272, 2426, 2607-2726 (to be confirmed by OBP – probably data logger error)</p>

Seq 036 Dir 305°	W03ANT1228 P1 SP 2425 - 893 Complete Data Tape Nos 35750 - 35752 Weather: Winds 8-12 knots , Sea and Swell: 2 to 2.25metres at times. Noise at SOL: 4-5µB, EOL: 4-5µB (6Hz lo-cut filter applied) Low level tugging on all streamers observed in large side swell Water Depth: SOL: 41.9m, EOL: 41.1m Feather at SOL: -2.6°, EOL : -2.1°, Max: -2.6 ° Streamer Depth: 8 metres - acceptable. Gun Volume SOL: 2500 , EOL: 2500. Extraction Errors : NIL Timing errors above 1.5ms and Spread Errors: SP 2382, 2057, 1524, 1492 No Data Records: 2322, 1322, 1319 (to be checked and confirmed)
Seq 037 Dir 125°	W03ANT1084 II SP 1001 - 2944 Complete Data Tape Nos 35753 – 35756 Weather: Winds 8-10 knots , Sea and Swell: 2.0 to 2.5 metres at times. Noise at SOL: 4-5µB, EOL: 4-5µB (6Hz lo-cut filter applied) Low level tugging on all streamers observed in large side swell Water Depth: SOL: 35.5m, EOL: 63.0 m Feather at SOL: -1.7°, EOL : -0.9°, Max: -1.7 ° Streamer Depth: 8 metres - acceptable. Noisy Channel: 300, 123, 299, 312 Gun Volume SOL: 2500 , EOL: 2500. Timing errors above 1.5ms/Misfires/Delta Spread Errors above 2.1ms: 1285, 1757 No data records: 2102, 2103
Seq 038 305°	W03ANT 1236 P1 SP 2372 - 893 Complete Data Tape Nos 35757 – 35759 Weather: Winds 6knots , Sea and Swell: 1.5 to 2.0 metres at times. Noise at SOL: 4-5µB, EOL: 4-5µB (6Hz lo-cut filter applied) Low level tugging on all streamers observed in large side swell Water Depth: SOL: 48.2m, EOL: 39 m Feather at SOL: -0.8°, EOL : 0.4°, Max: -0.9 ° Streamer Depth: 8 metres - acceptable. Noisy Channel: 300, 123, 299, 312 Gun Volume SOL: 2500 , EOL: 2500. Timing errors above 1.5ms and Spread Errors: SP 2152
Seq 039 125°	W03ANT 1236 II SP 1001 - 2948 Complete Data Tape Nos 35760 – 35763 Weather: Winds 8-12 knots , Sea and Swell: 1.5 to 2.0 metres at times. Noise at SOL: 4-5µB, EOL: 4-5µB (6Hz lo-cut filter applied) Low level tugging on all streamers observed in large side swell Water Depth: SOL: 39.5m, EOL: 54.2 m Feather at SOL: -1.4°, EOL : -2.2°, Max: -2.2 ° Streamer Depth: 8 metres - acceptable. Noisy Channel: 300, 123, 299, 312 Gun Volume SOL: 2500 , EOL: 2500. Timing errors above 1.5ms and Spread Errors: SP 1061 No Data Records: SP 2655-2939, 2942. 1129, (to be checked and confirmed by OBP)
Seq 040 Dir 305°	W03ANT1180 P2 SP 2588 – 2415 Now Complete Data Tape Nos 35764 - 35764 Weather: Winds 5-9 knots , Sea and Swell: 2 to 2.25metres at times. Noise at SOL: 2-4µB, EOL: 2-5µB (6Hz lo-cut filter applied) Water Depth: SOL: 41.3m, EOL: 42.6m Feather at SOL: -4.4°, EOL : -3.4°, Max: -4.4 ° Streamer Depth: 8 metres - acceptable. Gun Volume SOL: 2500 , EOL: 2500. Extraction Errors : NIL Timing errors above 1.5ms and Spread Errors: SP 2473 No Data Records: 2475, 2474, 2467 (to be checked and confirmed)
Seq 041 Dir 125°	W03ANT 1196 P2 SP 2106 – 1949 Now Complete Data Tape Nos 35765 – 35765 Weather: Winds 5-10 knots , Sea and Swell: 2.0 to 2.5 metres at times. Noise at SOL: 4-5µB, EOL: 4-5µB (6Hz lo-cut filter applied) Water Depth: SOL: 41.4m, EOL: 44.2 m Feather at SOL: -1.4°, EOL : -2.4°, Max: -2.4 ° Streamer Depth: 8 metres - acceptable. Noisy Channel: 300, 123, 299, 312 Gun Volume SOL: 2500 , EOL: 2500. Timing errors above 1.5ms/Misfires/Delta Spread Errors above 2.1ms: NIL No data records: 2080-2281 displayed on data logger but incorrect (confirmed by OBP QC)

Seq 042 305°	W03ANT P1 SP 1001 - 2948 Complete Data Tape Nos 35766 – 35768 Weather: Winds 6-12 knots , Sea and Swell: 1.5 to 2.5 metres at times. Noise at SOL: 4-5µB, EOL: 4-5µB (6Hz lo-cut filter applied) Water Depth: SOL: 42.7m, EOL: 40.7 m Feather at SOL: -0.5°, EOL : 1.1°, Max: 1.1 ° Streamer Depth: 8 metres - acceptable. Gun Volume SOL: 2500 , EOL: 2500. Sp 2457-2456 guns firing out of sequence Sp 1513 array volume change Extraction Errors Streamer 4: SP 2054 Timing errors above 1.5ms and Spread Errors: SP 2237, 1644, 1615, 1584, Bad Data Records: 1129, 1330-1436, 1780-1906, 2374 (checked and confirmed acceptable)
Seq 043 125°	W03ANT1116 P3 SP 1001 - 1791 Now Complete Data Tape Nos 35769 – 35770 Weather: Winds 12 knots , Sea and Swell: 1.5 metres at times. Noise at SOL: 4-5µB, EOL: 4-5µB (6Hz lo-cut filter applied) Water Depth: SOL: 37m, EOL: 35.7 m Feather at SOL: -1.6°, EOL : 1.1°, Max: 1.6 ° Streamer Depth: 8 metres - acceptable. Gun Volume SOL: 2500 , EOL: 2500.
Seq 044 305°	W03ANT1212 P2 SP 1938 - 1763 Non- chargeable reshoot -Complete Data Tape Nos 35771 – 35771 Weather: Winds 6-10 knots , Sea and Swell: 1.5 to 2.0 metres at times. Noise at SOL: 4-5µB, EOL: 4-5µB (6Hz lo-cut filter applied) Water Depth: SOL: 46.9m, EOL: 44.1 m Feather at SOL: -0.1°, EOL : 0.1°, Max: 0.1 ° Streamer Depth: 8 metres - acceptable. Gun Volume SOL: 2500 , EOL: 2500. Timing errors above 1.5ms and Spread Errors: NIL Bad Data Records: 1830 streamer 4. (to be checked and confirmed acceptable)
Seq 045 305°	W03ANT1252 P1 SP 2265 - 893 Complete Data Tape Nos 35772 – 35774 Weather: Winds 8 knots , Sea and Swell: 1.5 to 2.0 metres at times. Noise at SOL: 4-5µB, EOL: 4-5µB (6Hz lo-cut filter applied) Water Depth: SOL: 45.2m, EOL: 41.0 m Feather at SOL: 0.0°, EOL : -0.9°, Max: -3.0 ° Streamer Depth: 8 metres - acceptable. Noisy Channel: 300, 123, 299, 312 Gun Volume SOL: 2500 , EOL: 2500. Timing errors above 1.5ms and Spread Errors: SP 2253 Bad Data Records: 2240 (to be checked and confirmed acceptable)
Seq 047 Dir 125°	W03ANT 1092 P2 SP 1001 -1109 Reshoot – now complete Data Tape Nos 35776 – 35776 Weather: Winds 8 knots , Sea and Swell: 1.5 metres at times. Noise at SOL: 4-5µB, EOL: 4-5µB (6Hz lo-cut filter applied) Water Depth: SOL: 38m, EOL: 37.9 m Feather at SOL: 0.7°, EOL : 1.0°, Max: 1.0 ° Streamer Depth: 8 metres - acceptable. Gun Volume SOL: 2500 , EOL: 2500. Timing errors above 1.5ms/Misfires/Delta Spread Errors above 2.1ms: NIL No data records: (to be confirmed by OBP QC)
Seq 048 305°	W03ANT1252 II SP - 2319 - 893 Complete Data Tape Nos 35777 – 35779 Weather: Winds 12 knots , Sea and Swell: 1.5 metres at times. Noise at SOL: 4-5µB, EOL: 4-5µB (6Hz lo-cut filter applied) Water Depth: SOL: 46.3m, EOL: 42.8 m Feather at SOL: 2.7°, EOL : 1.8°, Max: 3.6 ° Streamer Depth: 8 metres - acceptable. Noisy Channel: 300, 123, 299, 312 Gun Volume SOL: 2500 , EOL: 2500. Timing errors above 1.5ms and Spread Errors: SP 2104, 1835, 1731, 1541,.
Seq 049 125°	W03ANT1060 P2 SP 1001 - 1240 Reshoot – Now Complete Data Tape Nos 35780 – 35780 Weather: Winds 10-15 knots , Sea and Swell: 1.5 to 2.25 metres at times. Noise at SOL: 5µB, EOL: 4-6µB (6Hz lo-cut filter applied) Water Depth: SOL: 35.1m, EOL: 33.2 m Feather at SOL: 0.0°, EOL : 0.5°, Max: 0.6 ° Streamer Depth: 8 metres - acceptable. Noisy Channel: 300, 123, 299, 312 Gun Volume SOL: 2500 , EOL: 2500.

	SP 1188-1189 guns firing out of sequence
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