

	COMMENTS
001 Dir 125°	<p>W03ANT1116 P1 SP 1001-1080</p> <p>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.</p> <p>At SP 1258 – last SP of the line an autofire on array occurred and the line was terminated.</p> <p>All data scratched – not to be processed.</p>
002 Dir 125°	<p>W03ANT1116 P2 SP 1782 - 2944 Line portion complete</p> <p>Data Tape Nos: 35612 - 35613</p> <p>Restart of previous line sequence – this line portion is complete. Shotpoints 1001-1781 to be reshot.</p> <p>Streamer depths slightly erratic due to the sea and swell conditions.</p> <p>Weather: Winds SE 20-22 Knots , Sea and Swell: S 2m.</p> <p>Noise at SOL: 5µB, EOL: 5µB (6Hz lo-cut filter applied)</p> <p>Water Depth: SOL: 39.3m, EOL: 53.7m</p> <p>Feather at SOL: -0.4°, EOL : 1.7-°, Max: -2.2°</p> <p>Streamer Depth: 7.8 – 8.0m due to prevailing swell – acceptable depth control.</p> <p>Noisy Traces: Nil logged – random swell bursts throughout the line - acceptable</p> <p>Gun Volume @ SOL: 2500 , EOL: 2500</p> <p>SP 2148 Gun 5-4 disabled, gun 4-7 enabled. No valume variation.</p> <p>Gun edits: SP 2146, 2156 mifires</p> <p>Missed Shots: SP 2132, 2382 No data recorded.</p>
003 Dir 305°	<p>W03ANT1156 P1 SP 2836-893 Complete</p> <p>Data Tape Nos: 35614 - 35617</p> <p>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.</p> <p>SP 1311, file number – incorrect SP number in header, should read 1318</p> <p>Weather: Winds SE 20 Knots , Sea and Swell: SSW 2m.</p> <p>Noise at SOL: 6-7µB, EOL: 7-8µB (6Hz lo-cut filter applied)</p> <p>Water Depth: SOL: 56.2m, EOL: 36.8m</p> <p>Feather at SOL: -1.9°, EOL : -1.07°, Max: -3.0°</p> <p>Streamer Depth: 8.5 metres due to prevailing swell – acceptable depth control.</p> <p>Noisy Traces: Nil logged – random swell bursts observed throughout the line.</p> <p>Gun Volume @ SOL: 2500 , EOL: 2500</p> <p>Gun edit logged : 2 timing errors above 1.5ms, 4 spread errors above 2ms</p> <p>Missed Shots: 2623, 2356, 2355 due to vessel speed variation in swell.</p>
004 Dir 125°	<p>W03ANT1108 P1 SP 1001 - 2944 Complete</p> <p>Data Tape Nos: 35618 - 35621</p> <p>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.</p> <p>Weather: Winds SE 25-30 Knots , Sea and Swell: S 2-3m.</p> <p>Noise at SOL: 5µB, EOL: 5-6µB (6Hz lo-cut filter applied)</p> <p>Water Depth: SOL:38.2m, EOL: 53.6m</p> <p>Feather at SOL: -2.1°, EOL : -3.2°, Max: -3.2°</p> <p>Streamer Depth: 8.5 metres due to prevailing swell – acceptable depth control.</p> <p>Noisy Traces: Nil logged – random moderate to strong swell bursts throughout the line.</p> <p>Gun Volume @ SOL: 2500 , EOL: 2500</p> <p>Gun edits logged : 3 timing errors above 1.5ms – 3 spread errors above 2ms</p> <p>Missed Shots: 1127, 2863 due to vessel speed variation in swell.</p> <p>From SOL to EOL depth controller 4 – no communications</p>
005 Dir 305°	<p>W03ANT1148 P1 SP 2836 - 893 Complete</p> <p>Data Tape Nos: 35622 - 35625</p> <p>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.</p> <p>Weather: Winds SE 18-25 Knots , Sea and Swell: S 2-3m.</p> <p>Noise at SOL: 5µB, EOL: 5µB (6Hz lo-cut filter applied)</p> <p>Water Depth: SOL: 56.9m, EOL: 38.96m</p> <p>Feather at SOL: -0.2°, EOL : 0.5°, Max: -2.2°</p> <p>Streamer Depth: 8.5 metres due to prevailing swell – acceptable depth control.</p> <p>Noisy Traces: Nil logged – random moderate swell bursts throughout the line.</p> <p>Gun Volume SOL: 2500 , EOL: 2500. Spread timing error: 2770, 2652, 2614, 2220, 1992, 1702, 1178,898</p> <p>Gun edits logged : 3 timing errors above 1.5ms – 3 spread errors above 2ms</p> <p>Missed Shots: SP 1197, 1735.</p>
006 Dir 125°	<p>W03ANT1036 P1 SP 1001 - 2944 Complete</p> <p>Data Tape Nos: 35626 - 35629</p> <p>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.</p> <p>Weather: Winds SE 18-25 Knots , Sea and Swell: S 2-3m.</p> <p>Noise at SOL: 5µB, EOL: 5-6µB (6Hz lo-cut filter applied)</p> <p>Water Depth: SOL: 33.6m, EOL: 52.6m</p> <p>Feather at SOL: -1.1°, EOL : -2.0°, Max: -2.3°</p>

	<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 from SOL to EOL</p> <p>Noisy Traces: Nil logged – random swell bursts throughout the line.</p> <p>Gun Volume SOL: 2500 , EOL: 2500 Good pressure and control.</p> <p>Gun edits logged : 3 spread errors above 2ms SP 1136, 1618, 1662</p> <p>Missed Shots: SP 1266, 1727 .</p>
007 Dir 305°	<p>W03ANT1140 P1 SP 2836 - 893 Complete</p> <p>Data Tape Nos: 35630 - 35633</p> <p>Acceptable swell noise, balance and control on line.</p> <p>Weather: Winds SE 18 Knots , Sea and Swell: S 2m.</p> <p>Noise at SOL: 7µB, EOL: 7µB (6Hz lo-cut filter applied)</p> <p>Water Depth: SOL: 56.9m, EOL: 38.96m</p> <p>Feather at SOL: -0.2°, EOL : 0.5°, Max: -2.2°</p> <p>Streamer Depth: 7.5 metres acceptable depth control.</p> <p>Noisy Traces: Nil logged – random swell bursts throughout the line.</p> <p>Gun Volume SOL: 2500 , EOL: 2500. Good pressure and control.</p> <p>Gun edits logged : – 3 spread errors above 2ms SP 2252, 1700, 908</p> <p>Missed Shots: 2003</p>
008 Dir 125°	<p>W03ANT1100 P1 SP 1001 - 2944 Complete</p> <p>Data Tape Nos: 35634 - 35637</p> <p>Acceptable swell noise, balance and control on line. Some random bursts of swell noise observed.</p> <p>Weather: Winds W 20 knots Knots , Sea and Swell: W 20 knots.</p> <p>Noise at SOL: 6-7µB, EOL: 6-7µB (6Hz lo-cut filter applied)</p> <p>Water Depth: SOL: 37.4m, EOL: 53.96m</p> <p>Feather at SOL: -0.0°, EOL : 0.9°, Max: -1.7°</p> <p>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.</p> <p>Noisy Traces: Nil logged – random swell bursts throughout the line.</p> <p>Gun Volume SOL: 2500 , EOL: 2500. Good pressure and control.</p> <p>SP 2155 gun 1-11 disabled , gun 1-8 enabled.</p> <p>False autofires displayed on gun 1-11 – electrical short.</p> <p>Gun edits logged : – 4 spread errors above 2ms SP 1705, 2564, 2610, 2666</p> <p>Missed Shots: NIL</p>
009 Dir 305°	<p>W03ANT1132 P1 SP 2836-893 Complete</p> <p>Data Tape Nos: 35638 - 35641</p> <p>Acceptable swell noise, balance and control on line. Some random bursts of swell noise observed.</p> <p>Weather: Winds SW 20 knots Knots , Sea and Swell: SSW 2Up to 2 metres.</p> <p>Noise at SOL: 6-7µB, EOL: 6-7µB (6Hz lo-cut filter applied)</p> <p>Water Depth: SOL: 42.2m, EOL: 36.4m</p> <p>Feather at SOL: 0.4°, EOL : -0.4°, Max: 1.1°</p> <p>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.</p> <p>Noisy Traces: Nil logged – random swell bursts throughout the line.</p> <p>Gun Volume SOL: 2500 , EOL: 2500. Good pressure and control.</p> <p>SP 2155 gun 1-11 disabled , gun 1-8 enabled.</p> <p>False autofires displayed on gun 1-11 – electrical short on gun controller – gun not firing (Gun 1-11)</p> <p>Gun edits logged : – 11 spread errors above 2ms SP 2684,2644,2454,2170,2168,2164,1772,1626, 1355,1315,1248</p> <p>Missed Shots: NIL</p>
010 Dir 125°	<p>W03ANT1004 P1 SP 1022 - 2944 Incomplete - Syntrak hangup</p> <p>Data Tape Nos: 35642 - 35645</p> <p>Missed SP 1001 –1021 due to a Syntrak hangup and reboot during the run-in to SOL</p> <p>Acceptable swell noise, balance and control on line. Some random bursts of swell noise observed.</p> <p>Weather: Winds SW 10 knots Knots , Sea and Swell: SW up to 2 metres.</p> <p>Noise at SOL: 5-8µB, EOL: 5-8µB (6Hz lo-cut filter applied)</p> <p>Water Depth: SOL: 22.5m, EOL: 53.7m</p> <p>Feather at SOL: -2.3°, EOL : 0.2°, Max: -1.9°</p> <p>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.</p> <p>Noisy Traces: Nil logged – random swell bursts throughout the line.</p> <p>Gun Volume SOL: 2500 , EOL: 2500. Good pressure and control.</p> <p>SP 2155 gun 1-11 disabled , gun 1-8 enabled.</p> <p>Gun 1-11 disabled whole line – replaced by gun 1-8 same volume.</p> <p>Gun edits logged : – 3 spread errors above 2ms SP 1477, 1516, 2494. Timing errors: Sp 1131, 2265</p> <p>Missed Shots: 1676, 1679, 2063 due to vessel speed.</p>
011 Dir 305°	<p>W03ANT1124 P1 SP 2836 - 1678 Incomplete - airleak - circle</p> <p>Data Tape Nos: 35646 - 35648</p> <p>Stop shooting at SP 1678 due to an air-leak. Circle to complete line.</p> <p>Acceptable swell noise, balance and control on line. Some random bursts of swell noise observed.</p> <p>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>W03ANT1012 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>W03ANT1092 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 reinitialising 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.</p> <p>Gun edits logged : Delta errors over 2.1ms : 2577,2515,2452,2168,1486,1222</p> <p>Timing errors above 1.5ms: NIL</p> <p>Missed Shots: SP 2380, 2229, 2152,2151,2073,2055.2054, 2051, 2050, 1976-1959, 1097</p> <p>ExtractionErrors:</p> <p>2385,2363,24343,2274,2155,2153,2150,2149,2096,2084,2083,2079,2078,2074,2056,2049,2048,2047, 2046</p> <p>Syntrak Crash at SP 1975 – 1959 subject to confirmation by OBP QC,</p>
026 Dir 125°	<p>W03ANT1020 II SP 1001 - 2944 Infill -Complete</p> <p>Data Tape Nos 35708 - 35712</p> <p>Weather: Winds 3-5 knots , Sea and Swell: 2 metres at times.</p> <p>Noise at SOL: 4-5µB, EOL: 4-5µB (6Hz lo-cut filter applied)</p> <p>Water Depth: SOL: 18.8m, EOL: 53.5m</p> <p>Feather at SOL: -1.4°, EOL : 0.8°, Max: 1.9 °</p> <p>Streamer Depth: 7.5 to 8 metres - acceptable.</p> <p>Noisy Traces: 204, 300, 299, 312, 13 noisy and 254 intermeittent spiking</p> <p>Extraction Errors: 1009, 1010, 1012, 1014, 2181</p> <p>Gun Volume SOL: 2500 , EOL: 2500.</p> <p>Timing errors above 1.5ms: SP 1542, 2077, 2527, 2843</p> <p>Missed Shots: 1005, 1006, 1008, 1009, 1010,1012,1014 to be verified by OBP</p> <p>Tape Errors: 2375</p> <p>No Data Records: 1013, 1011, 1020,1097, 2369,2370,2376,2453,2840</p> <p>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</p> <p>Data Tape Nos 35713 – 35714 Not to be processed</p> <p>Weather: Winds 3-5 knots , Sea and Swell: 2 metres at times.</p> <p>Noise at SOL: 4-5µB, EOL: 4-5µB (6Hz lo-cut filter applied)</p> <p>ALL DATA SCRATCHED - NOT TO BE PROCESSED</p>
028 Dir 305°	<p>W03ANT1196 I2 SP 2598 - 893 Infill -Complete</p> <p>Data Tape Nos 35715 - 35718</p> <p>Weather: Winds 4-8 knots , Sea and Swell: 2.5 metres at times.</p> <p>Noise at SOL: 5µB, EOL: 5µB (6Hz lo-cut filter applied)</p> <p>Water Depth: SOL: 47.3m, EOL: 39m</p> <p>Feather at SOL: -1.9°, EOL : 1.6°, Max: 1.9 °</p> <p>Streamer Depth: 7.5 to 8 metres - acceptable.</p> <p>Extraction Errors (Streamer 3): 1692, 1559, 1528, 1510, 1368, 1314, 1276, 1190, 1091</p> <p>Gun Volume SOL: 2500 , EOL: 2500.</p> <p>Timing errors above 1.5ms: SP 1926, 1416</p> <p>Array Spread Errors above 2.0ms: 2488, 2366,2072,1988, 1357,1334,1244,1239,1194,1148,1114,895</p> <p>Missed Shots: 2518, 2517 to be verified by OBP</p> <p>Tape Errors: NIL</p>
Seq 029 Dir 125°	<p>W03ANT1060 P1 SP 2544 -893 Incomple – Syntrak and Tape Errors at SOL</p> <p>Data Tape Nos 35719 - 35724</p> <p>Weather: Winds 5-12 knots , Sea and Swell: 2-3 metres at times.</p> <p>Noise at SOL: 5-6µB, EOL: 5-6µB (6Hz lo-cut filter applied)</p> <p>Low level tugging on all streamers observed in large side swell</p> <p>Water Depth: SOL: 36.6m, EOL: 53.1m</p> <p>Feather at SOL: -1.8°, EOL : 1.8°, Max: 1.8 °</p> <p>Streamer Depth: 8 metres - acceptable.</p> <p>Noisy Channel: 300, 123, 299, 312</p> <p>Gun Volume SOL: 2500 , EOL: 2500.</p> <p>Extraction Errors Streamer 4: 1368, 1433, 1676, 1695, 2862</p> <p>Timing errors above 1.5ms and Spread Errors: SP 1038, 1374,2076,2182,2346,2418</p> <p>No Data Records: 1255, 1257, 1259, 1602, 1797, 2388, 2390, 2391 (to be checked and confirmed)</p> <p>Syntrak Log Corrupted Shots: 2486-2359, 1759, 1758,1636-1612, 1335 (to be checked and confirmed)</p> <p>Tape Errors: 1021 Tape unit 1, 1029 tape unit 2</p> <p>No data from SP 1090-1230 Syntrak.Tape deck problems</p>
030 Dir 305°	<p>W03ANT1204 P1 SP 2544 -893 Complete</p> <p>Data Tape Nos 35725 - 35727</p> <p>Weather: Winds 5 knots , Sea and Swell: 2-3 metres at times.</p> <p>Noise at SOL: 5-6µB, EOL: 5-6µB (6Hz lo-cut filter applied)</p> <p>Low level tugging on all streamers observed in large side swell</p> <p>Water Depth: SOL: 46m, EOL: 41m</p> <p>Feather at SOL: -3.8°, EOL : -0.2°, Max: -4.5 ° (Partially induced when steering for coverage)</p> <p>Streamer Depth: 8 metres - acceptable.</p> <p>Noisy Channel: 300, 123, 299, 312</p> <p>Gun Volume SOL: 2500 , EOL: 2500.</p> <p>Extraction Errors: 2284, 2234,1807,</p> <p>No data records: 1440, 1439,</p> <p>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>
<p>031 Dir 125°</p>	<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>
<p>032 Dir 305°</p>	<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>
<p>Seq 033 Dir 125°</p>	<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>
<p>Seq 034 Dir 305°</p>	<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>
<p>Seq 035 125°</p>	<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°	<p>W03ANT1228 P1 SP 2425 - 893 Complete</p> <p>Data Tape Nos 35750 - 35752</p> <p>Weather: Winds 8-12 knots , Sea and Swell: 2 to 2.25metres at times.</p> <p>Noise at SOL: 4-5µB, EOL: 4-5µB (6Hz lo-cut filter applied)</p> <p>Low level tugging on all streamers observed in large side swell</p> <p>Water Depth: SOL: 41.9m, EOL: 41.1m</p> <p>Feather at SOL: -2.6°, EOL : -2.1°, Max: -2.6 °</p> <p>Streamer Depth: 8 metres - acceptable.</p> <p>Gun Volume SOL: 2500 , EOL: 2500.</p> <p>Extraction Errors : NIL</p> <p>Timing errors above 1.5ms and Spread Errors: SP 2382, 2057, 1524, 1492</p> <p>No Data Records: 2322, 1322, 1319 (to be checked and confirmed)</p>
Seq 037 Dir 125°	<p>W03ANT1084 II SP 1001 - 2944 Complete</p> <p>Data Tape Nos 35753 – 35756</p> <p>Weather: Winds 8-10 knots , Sea and Swell: 2.0 to 2.5 metres at times.</p> <p>Noise at SOL: 4-5µB, EOL: 4-5µB (6Hz lo-cut filter applied)</p> <p>Low level tugging on all streamers observed in large side swell</p> <p>Water Depth: SOL: 35.5m, EOL: 63.0 m</p> <p>Feather at SOL: -1.7°, EOL : -0.9°, Max: -1.7 °</p> <p>Streamer Depth: 8 metres - acceptable.</p> <p>Noisy Channel: 300, 123, 299, 312</p> <p>Gun Volume SOL: 2500 , EOL: 2500.</p> <p>Timing errors above 1.5ms/Misfires/Delta Spread Errors above 2.1ms: 1285, 1757</p> <p>No data records: 2102, 2103</p>
Seq 038 305°	<p>W03ANT 1236 P1 SP 2372 - 893 Complete</p> <p>Data Tape Nos 35757 – 35759</p> <p>Weather: Winds 6knots , Sea and Swell: 1.5 to 2.0 metres at times.</p> <p>Noise at SOL: 4-5µB, EOL: 4-5µB (6Hz lo-cut filter applied)</p> <p>Low level tugging on all streamers observed in large side swell</p> <p>Water Depth: SOL: 48.2m, EOL: 39 m</p> <p>Feather at SOL: -0.8°, EOL : 0.4°, Max: -0.9 °</p> <p>Streamer Depth: 8 metres - acceptable.</p> <p>Noisy Channel: 300, 123, 299, 312</p> <p>Gun Volume SOL: 2500 , EOL: 2500.</p> <p>Timing errors above 1.5ms and Spread Errors: SP 2152</p>
Seq 039 125°	<p>W03ANT 1236 II SP 1001 - 2948 Complete</p> <p>Data Tape Nos 35760 – 35763</p> <p>Weather: Winds 8-12 knots , Sea and Swell: 1.5 to 2.0 metres at times.</p> <p>Noise at SOL: 4-5µB, EOL: 4-5µB (6Hz lo-cut filter applied)</p> <p>Low level tugging on all streamers observed in large side swell</p> <p>Water Depth: SOL: 39.5m, EOL: 54.2 m</p> <p>Feather at SOL: -1.4°, EOL : -2.2°, Max: -2.2 °</p> <p>Streamer Depth: 8 metres - acceptable.</p> <p>Noisy Channel: 300, 123, 299, 312</p> <p>Gun Volume SOL: 2500 , EOL: 2500.</p> <p>Timing errors above 1.5ms and Spread Errors: SP 1061</p> <p>No Data Records: SP 2655-2939, 2942. 1129, (to be checked and confirmed by OBP)</p>
Seq 040 Dir 305°	<p>W03ANT1180 P2 SP 2588 – 2415 Now Complete</p> <p>Data Tape Nos 35764 - 35764</p> <p>Weather: Winds 5-9 knots , Sea and Swell: 2 to 2.25metres at times.</p> <p>Noise at SOL: 2-4µB, EOL: 2-5µB (6Hz lo-cut filter applied)</p> <p>Water Depth: SOL: 41.3m, EOL: 42.6m</p> <p>Feather at SOL: -4.4°, EOL : -3.4°, Max: -4.4 °</p> <p>Streamer Depth: 8 metres - acceptable.</p> <p>Gun Volume SOL: 2500 , EOL: 2500.</p> <p>Extraction Errors : NIL</p> <p>Timing errors above 1.5ms and Spread Errors: SP 2473</p> <p>No Data Records: 2475, 2474, 2467 (to be checked and confirmed)</p>
Seq 041 Dir 125°	<p>W03ANT 1196 P2 SP 2106 – 1949 Now Complete</p> <p>Data Tape Nos 35765 – 35765</p> <p>Weather: Winds 5-10 knots , Sea and Swell: 2.0 to 2.5 metres at times.</p> <p>Noise at SOL: 4-5µB, EOL: 4-5µB (6Hz lo-cut filter applied)</p> <p>Water Depth: SOL: 41.4m, EOL: 44.2 m</p> <p>Feather at SOL: -1.4°, EOL : -2.4°, Max: -2.4 °</p> <p>Streamer Depth: 8 metres - acceptable.</p> <p>Noisy Channel: 300, 123, 299, 312</p> <p>Gun Volume SOL: 2500 , EOL: 2500.</p> <p>Timing errors above 1.5ms/Misfires/Delta Spread Errors above 2.1ms: NIL</p> <p>No data records: 2080-2281 displayed on data logger but incorrect (confirmed by OBP QC)</p>

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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