

SEQUENCE 001

Date (SOL): 22/12/99

1999/2000 Survey

LineName W00INV1840P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Scratched

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	: 15:56	: 17:26		
SP Recorded	: 1825	: 930		
SP Chargeable	: 0	: 0		
SP To Process	: 0	: 0		
Recorded Files	: 0	: 0		
Tapes System A	: 30301	: 30304		
Water Depth	: 91.0	: 104.0	Maximum	Minimum
Feather Angle	: 6.5	: 0.7		0.0

Wind	Direct	Force
	SE	F 5
Sea	SE	F 4
Swell	SE	3.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	
G1S02	
G1S03	
G1S04	
G1S05	
G1S06	
G1S07	
G1S08	
G2S01	
G2S02	
G2S03	
G2S04	
G2S05	
G2S06	
G2S07	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.

Manifold Pressure

Min:	1901 psi
Mean:	1960 psi
Max:	1960 psi

STREAMER

Comments		
01	<input checked="" type="checkbox"/>	53 dead
02	<input checked="" type="checkbox"/>	174 dead
03	<input checked="" type="checkbox"/>	281 weak
04	<input checked="" type="checkbox"/>	132 noisy
05	<input checked="" type="checkbox"/>	
06	<input checked="" type="checkbox"/>	
07	<input checked="" type="checkbox"/>	
08	<input checked="" type="checkbox"/>	62, 85,87, 363 noisy

Traces:

- Weak	Refer to above streamer comments	Min	Max
- Killed	Refer to above streamer comments	Depth	
- Noisy	Refer to above streamer comments		

Comments: Last trace on all streamers erased (368).

RECORDING

All data scratched - not to be processed - not accepted due to spread out of specification, (S4-5 82 metres). Acquired in Single shot mode, Max. speed 3.9 knots before loss of shots in CRS, Instability in vertical control, Instability S4-5 separation to 82 metres, Instability COS separation to 42 metres. Line acquired with 5 sec record length. Average speed 4.03 knots.

Noise Figures

Misfires	6	1115,1143,1145,1405,1634,1777 > 1 msec	SOL	9 µB
NDRs			EOL	0 µB
Parities			Max	12 µB
			Avg	10 µB
			>10µB	% 30

PROCESSING EDITS

 SCRATCHED: DNP d/t streamer separations.
 SPECIAL NOTE: Acquired with 5 second record length.

SEQUENCE 002

Date (SOL): 22/12/99

1999/2000 Survey

LineName W00INV2048P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Incomplete

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	22:55	03:16	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SE</td> <td>F 5</td> </tr> <tr> <td>Sea</td> <td>SE</td> <td>F 4</td> </tr> <tr> <td>Swell</td> <td>SE</td> <td>2.5 m</td> </tr> </table>			Direct	Force	Wind	SE	F 5	Sea	SE	F 4	Swell	SE	2.5 m
	Direct	Force														
Wind	SE	F 5														
Sea	SE	F 4														
Swell	SE	2.5 m														
SP Recorded	1001	3500														
SP Chargeable	1001	3395														
SP To Process	1001	3395	<table border="1"> <tr> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>96.0</td> <td>71.0</td> </tr> </table>		Maximum	Minimum	96.0	71.0								
Maximum	Minimum															
96.0	71.0															
Recorded Files	240	2631														
Tapes System A	30305	30313	<table border="1"> <tr> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>96.0</td> <td>71.0</td> </tr> </table>		Maximum	Minimum	96.0	71.0								
Maximum	Minimum															
96.0	71.0															
Water Depth	96.0	73.0														
Feather Angle	-6.5	-9.3	<table border="1"> <tr> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>-14.0</td> <td>-6.8</td> </tr> </table>		Maximum	Minimum	-14.0	-6.8								
Maximum	Minimum															
-14.0	-6.8															

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	358.7
G1S02	269.6
G1S03	189.6
G1S04	146.6
G1S05	166.2
G1S06	230.6
G1S07	318.6
G1S08	405.5
G2S01	407.3
G2S02	315.2
G2S03	227.2
G2S04	161.9
G2S05	148.2
G2S06	191.0
G2S07	271.5
G2S08	355.9

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: SP 1208 gun 603 disabled, Vol=2195 in³
 SP 1486 gun 803 / 804 disabled, Vol=2035 in³
 Gun DI 606 erased at SP 2290.

Manifold Pressure

Min:	1891 psi
Mean:	1970 psi
Max:	1960 psi

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 53, 97/98,144, noisy 38,53 T7 daily tests	5.4	9.5
02	<input checked="" type="checkbox"/> 174 daily tests 66,71 spiking	5.6	8.0
03	<input checked="" type="checkbox"/> 281 daily tests , 30 spiking	5.0	7.4
04	<input checked="" type="checkbox"/> 132 daily tests (dead)	4.2	7.8
05	<input checked="" type="checkbox"/> 324 spiking	4.7	6.8
06	<input checked="" type="checkbox"/> 324,364 daily test failure.	5.1	7.1
07	<input checked="" type="checkbox"/>	4.5	6.9
08	<input checked="" type="checkbox"/> 62,84,296 occ spiking noisy 62,84,86,158,298,362,363,364,366 daily tests	3.7	10.7

Traces:

- Weak	Refer to above streamer comments	Min	Max
- Killed	Refer to above streamer comments	Depth	
- Noisy	Refer to above streamer comments		

Comments: Last trace on all streamers erased (368). S1C3 intermittent comms. S1C4-8 down to 9.5 metres. Auto depth editing applied, clipping depths 5<>7.

RECORDING

Line terminated due to gun misfires. LGSP 3395. Swell noise seen on all records. S1C4-8 down to 9.5 metres. S8C1-9 affected by vane wash running deep to 10.5 metres. S2C9 SP 1570-1860 out of spec (3metres), this travelled down to birds 16 & 17. Trace edit required. Line acquired with 5 sec record length, average speed 3.88 knots. Misfires 1.04%. D/t incorrect configuration file MSX recording S5 & 6 in reversed location on records. Average noise of 5µbars. S5 & 6 channel-sets reversed. Completed with seq. 22.

Noise Figures

SOL	6 µB
EOL	5 µB
Max	10 µB
Avg	5 µB
> 10µB	% 9

Misfires 21 1158,1184,1186,1188,1196,1198,1200,1204,1206,1244,1246,1416,1428,1430,1460,1466,3353 sync>1

NDRs 3 SP 1400,1402,1404 NDR d/t vessel speed.

Parities 1024,1446,1484 auto-fire shots.

PROCESSING EDITS

FULL EDIT: LGSP 3395 d/t gun misfires. Completed with seq. 22.
 TRACE EDIT: SP 1122-1200 edited due to bird 4-8 depths, traces 41-152, on streamer 1.
 TRACE EDIT: SP 2600-2689 edited due to bird 14-16 depths, traces 281-344, on streamer 1.
 TRACE EDIT: SP 1544-1849 edited due to bird 8-18 depths, traces 137-368, on streamer 8.
 TRACE EDIT: SOL-EOL edited due to bird 4-9 depths, traces 41-128, on streamer 8.
 SPECIAL NOTE: Acquired with 5 second record length. S5 & 6 channel-sets reversed.

SEQUENCE 002

Date (SOL): 19/10/99

1999/2000 Survey

LineName W00BRK0566P1

Line Heading 000.0 °

Investigator 3D

Line Type: Prime

Line Status: Scratched

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	: 18:29	: 18:44		
SP Recorded	: 1702	: 1804		
SP Chargeable	: 0	: 0		
SP To Process	: 0	: 0		
Recorded Files	:	:		
Tapes System A	: 30005	: 30006	Maximum	Minimum
Water Depth	:	:		
Feather Angle	:	:		

	Direct	Force
Wind	SE	F 4
Sea	SE	F 2
Swell	SE	1.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	
G1S02	
G1S03	
G1S04	
G1S05	
G1S06	
G2S01	
G2S02	
G2S03	
G2S04	
G2S05	
G2S06	

SOURCE	01	<input checked="" type="checkbox"/>	
	02	<input checked="" type="checkbox"/>	
Comments:			

Manifold Pressure	
Min:	<input type="text"/>
Mean:	<input type="text"/>
Max:	<input type="text"/>

STREAMER	Comments			
	01	<input checked="" type="checkbox"/>		
	02	<input checked="" type="checkbox"/>		
	03	<input checked="" type="checkbox"/>		
	04	<input checked="" type="checkbox"/>		
	05	<input checked="" type="checkbox"/>		
	06	<input checked="" type="checkbox"/>		
Traces:			Min	Max
- Weak	<input type="text"/>		Depth	
- Killed	<input type="text"/>			
- Noisy	<input type="text"/>			
Comments:				

RECORDING	Line aborted due to SPECTRA lockup. RTNU rebooted as CRS not receiving header information. SPECTRA rebooted due to RTNU reboot above. All data scratched. Reshot with seq. 4			Noise Figures	
				SOL	<input type="text"/>
				EOL	<input type="text"/>
				Max	<input type="text"/>
Misfires	<input type="text"/>		Avg	0 µB	
NDRs	<input type="text"/>		> 10µB	<input type="text"/>	
Parities	<input type="text"/>				

PROCESSING EDITS	SCRATCHED: DNP Spectra lock-up.
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SEQUENCE 003

Date (SOL): 23/12/99

1999/2000 Survey

LineName W00INV1936P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Incomplete

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	08:56	13:54		
SP Recorded	3617	817		
SP Chargeable	3617	817		
SP To Process	3617	817		
Recorded Files	185	2958		
Tapes System A	30314	30327		
Water Depth	69.0	100.0	Maximum	Minimum
Feather Angle	-2.0	9.0	100.0	69.0
			9.0	-3.3

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	358.5
G1S02	269.4
G1S03	189.7
G1S04	145.6
G1S05	167.5
G1S06	234.6
G1S07	321.7
G1S08	413.7
G2S01	406.3
G2S02	314.6
G2S03	227.8
G2S04	162.6
G2S05	150.8
G2S06	197.5
G2S07	277.1
G2S08	366.6

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: SP 3342 guns 803 & 804 disabled, volume=2090 in³
 SP 2874 gun 607 disabled, volume=2035 in³
 SP's 2875,2873,2871,2869,2867,2865,2863,2861 logged as autofires check by processing OK.

Manifold Pressure	
Min:	1870 psi
Mean:	2020 psi
Max:	1970 psi

STREAMER	Comments	2.8	10.9
01	<input type="checkbox"/> 53 noisy Not used during line, no data.		
02	<input checked="" type="checkbox"/> 174 dead , 66 spiking.	4.8	8.8
03	<input checked="" type="checkbox"/> 281 daily tests (dead) , 30 spiking.	1.0	7.7
04	<input checked="" type="checkbox"/> 132 daily tests (dead)	5.2	7.2
05	<input checked="" type="checkbox"/> 324 spiking	5.3	7.1
06	<input checked="" type="checkbox"/> 324,364 daily test failure.	4.3	7.9
07	<input checked="" type="checkbox"/>	4.1	7.4
08	<input checked="" type="checkbox"/> 10,15,83,192,296,298 occ spiking noisy 62,84,86,158,362,363,364 daily tests	5.1	9.7

Traces:
 - Weak Refer to above streamer comments
 - Killed Refer to above streamer comments
 - Noisy Refer to above streamer comments

Comments: Last trace on all streamers erased (368). S2C9 running deep, 6.9 metres, S3C9 running shallow 4 metres. Only seven streamers used, S1 dead. Auto depth editing applied, clipping depths 5<>7.

RECORDING		Noise Figures
	Only seven streamers recorded, streamer 1 data not available. Swell noise seen on all records. Line acquired with 5 sec record length. Average speed 3.81 knots. SP's 3397-3311, 1506-1481 recovered from CRS disk, reel 30324 blank. Block edit between SP 1913-1887 d/t MSX lockup. Misfires 2.28%. D/t incorrect configuration file MSX recording S5 & 6 in reversed location on records. Average noise of 5µbars. S5 & 6 channel-sets reversed. Completed with seq. 36.	SOL 7 µB
Misfires	31 3536,3514,3512,3510,3474,3472,3470,3464,3462,3410,3406,2892,2890,2888,2886,2884,2882,2880,2	EOL 4 µB
NDRs	33 MSX Lock 1913-1887. CRS loss 3367-3365,3341,3310-3308	Max 7 µB
Parities	2465,1210 d/t gun misfires > 1.5 msecs. 3572,3564,3552,3530,3498,3480,3436,3412,3384 auto fires	Avg 5 µB
		>10µB % 10

PROCESSING EDITS	
	FULL EDIT: SP 1913-1887 edited due to MSX lockup. TRACE EDIT: Streamer 1 edited totally. TRACE EDIT: SP 3318-1804 edited due to bird 6-7 depths, traces 89-128, on streamer 3. TRACE EDIT: SP 1929-1677 edited due to bird 18 depths, traces 361-368, on streamer 7. SPECIAL NOTE: Acquired with 5 second record length, and only seven streamers. S5 & 6 channel-sets reversed.

SEQUENCE 004

Date (SOL): 23/12/99

1999/2000 Survey

LineName W00INV1952P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	19:26	00:18		
SP Recorded	1001	3784		
SP Chargeable	1001	3784		
SP To Process	1001	3784		
Recorded Files	147	2930		
Tapes System A	30329	30338		
Water Depth	99.0	69.0	Maximum	Minimum
Feather Angle	3.5	-4.7	99.0	69.0
			-4.7	3.3

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.
Gun depths erratic due to swell. DI 701 disabled for the line.
SP 1498 gun 705 disabled. Vol=2135 in³

Manifold Pressure	
Min:	1880 psi
Mean:	1980 psi
Max:	2010 psi

STREAMER		Comments		
01	<input type="checkbox"/>	53 noisy Not used during line, no data. 38,53 daily tests	4.9	9.9
02	<input checked="" type="checkbox"/>	174 dead , 71 spiking.	4.4	7.8
03	<input checked="" type="checkbox"/>	281 daily tests 30 noisy	4.7	8.0
04	<input checked="" type="checkbox"/>	132 daily tests (dead)	5.1	7.1
05	<input checked="" type="checkbox"/>	324 spiking	2.2	7.3
06	<input checked="" type="checkbox"/>	324,364 daily test failure.	4.7	7.1
07	<input checked="" type="checkbox"/>	2 weak / spiking	5.3	7.1
08	<input checked="" type="checkbox"/>	10,15,83,231,296,298 occ spiking noisy 62,84,86,158,362,363,364 daily tests	4.7	10.5

Traces:

- Weak: Refer to above streamer comments
- Killed: Refer to above streamer comments
- Noisy: Refer to above streamer comments

Comments: Last trace on all streamers erased (368). Only seven streamers used, S1 dead. Auto depth editing applied, clipping depths 5<>7.

RECORDING			Noise Figures	
		Only seven streamers recorded, streamer 1 data not available. Swell noise seen on all records. Line acquired with 4.5 sec record length. S8C4-8 affected by vane wash running deep to 10.5 metres. Average speed 3.86 knots, due to reduced shooting speed as a result of missed shots due to SPECTRA system. Misfires 0.11%. D/t incorrect configuration file MSX recording S5 & 6 in reversed location on records. Average noise of 4µbars. Trace edits required for streamer 8. S5 & 6 channel-sets reversed.	SOL	4 µB
Misfires	3	3390,3392,3414 misfires > 1 msec.	EOL	4 µB
NDRs			Max	6 µB
Parities			Avg	4 µB
			> 10µB	% 2

PROCESSING EDITS	
	TRACE EDIT: Streamer 1 edited totally. TRACE EDIT: SP 1933-2767,3208-3380 edited due to bird 4-8 depths, traces 41-152, on streamer 8. SPECIAL NOTE: Acquired with 4.5 second record length, and only seven streamers. S5 & 6 channel-sets reversed.

SEQUENCE 005

Date (SOL): 24/12/99

1999/2000 Survey

LineName W00INV2032P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	04:33	08:59		
SP Recorded	3515	817		
SP Chargeable	3515	817		
SP To Process	3515	817		
Recorded Files	176	2874		
Tapes System A	30339	30348		
Water Depth	71.0	100.0	Maximum	Minimum
Feather Angle	12.5	-2.0	100.0	71.0
			12.5	-2.0

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	
G1S02	
G1S03	
G1S04	
G1S05	
G1S06	
G1S07	
G1S08	
G2S01	
G2S02	
G2S03	
G2S04	
G2S05	
G2S06	
G2S07	
G2S08	

SOURCE	01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
	02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots
Comments:	Acceptable array performance on line. Gun depths erratic due to swell. DI 701 disabled for the line. SP 1498 gun 705 disabled. Vol=2135 in ³		

Manifold Pressure	
Min:	2003 psi
Mean:	2030 psi
Max:	1950 psi

STREAMER	Comments			
01	<input type="checkbox"/>	53 noisy Not used during line, no data.	3.1	12.4
02	<input checked="" type="checkbox"/>	174 dead , 66 , 71 spiking.	4.9	7.9
03	<input checked="" type="checkbox"/>	281 daily tests 30 spiking	4.3	8.2
04	<input checked="" type="checkbox"/>	132 daily tests (dead)	4.7	8.1
05	<input checked="" type="checkbox"/>		5.1	7.1
06	<input checked="" type="checkbox"/>	324,364 daily test failure	3.1	7.9
07	<input checked="" type="checkbox"/>	2 weak / spiking	4.6	8.0
08	<input checked="" type="checkbox"/>	10,15,83,145,146,238,239,296 o/spiking 62,84,86,158,362,363,364 daily	4.4	10.4
Traces:			Min	Max
- Weak	Refer to above streamer comments		Depth	
- Killed	Refer to above streamer comments			
- Noisy	Refer to above streamer comments			
Comments:	Last trace on all streamers erased (368). Only seven streamers used, S1 dead. Auto depth editing applied, clipping depths 5<>7.			

RECORDING	Only seven streamers recorded, streamer 1 data not available. Swell noise seen on all records. S8C1-8 affected by vane wash running deep to 9 metres, SP2342-2300, 2000-1925. Average speed 4.1 knots. Misfires 0.85%. Average noise of 8µbars. Feather mismatch towards the EOL as feather died out. Trace edits required for streamer 8.		Noise Figures	
			SOL	7 µB
			EOL	9 µB
Misfires	20	3505,3150,3126,3124,1502,1306,1010 misfires > 1.5msec, 3309,3307,3305,3303 misfires	Max	10 µB
NDRs	3	3304,3152,3132 ITB errors	Avg	8 µB
Parities		3379,3191,3113,3075,2941,2929,2925,2924,1728 autofires guns	> 10µB	% 13

PROCESSING EDITS	TRACE EDIT: Streamer 1 edited totally. TRACE EDIT: SP 3015-2315, 2035-1766 edited due to bird 4-8 depths, traces 41-152, on streamer 8. SPECIAL NOTE: Acquired with 4.5 second record length, and only seven streamers.
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SEQUENCE 006

Date (SOL): 24/12/99

1999/2000 Survey

LineName W00INV2016P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	13:06	17:58		
SP Recorded	1001	3716		
SP Chargeable	1001	3716		
SP To Process	1001	3716		
Recorded Files	215	2930		
Tapes System A	30349	30357		
Water Depth	96.0	67.0	Maximum	Minimum
Feather Angle	-3.8	-5.8	96.0	67.0
			-9.5	-4.7

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	
G1S02	
G1S03	
G1S04	
G1S05	
G1S06	
G1S07	
G1S08	
G2S01	
G2S02	
G2S03	
G2S04	
G2S05	
G2S06	
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments:

Acceptable array performance on line.
 Gun depths erratic due to swell. DI 701 disabled for the line. PI706 disabled, SP3031
 SP 2726 gun 708 disabled. Vol=2210 in³
 SP 2990 gun 706 disabled. Vol=2130 in³

Manifold Pressure

Min:	1890 psi
Mean:	1980 psi
Max:	2000 psi

STREAMER

	Comments		
01	<input type="checkbox"/>		4.1 9.5
02	<input checked="" type="checkbox"/>	174 daily tests 66,71 noisy	2.5 7.7
03	<input checked="" type="checkbox"/>	281 daily tests 30 noisy	4.5 7.2
04	<input checked="" type="checkbox"/>	132 daily tests	4.4 8.2
05	<input checked="" type="checkbox"/>	324 noisy	4.7 7.1
06	<input checked="" type="checkbox"/>	324,354 occ. spiking, 46 noisy	4.7 7.8
07	<input checked="" type="checkbox"/>		4.7 7.4
08	<input checked="" type="checkbox"/>	62,83,84,296 occ spiking noisy 86,158,298,362,363,364,366 daily tests	3.9 10.1

Traces:

- Weak	Refer to above streamer comments	Min	Max
- Killed	Refer to above streamer comments	Depth	
- Noisy	Refer to above streamer comments		

Comments:

Last trace on all streamers erased (368). Only seven streamers used, S1 dead. S5C7 no comms. Auto depth editing applied, clipping depths 5 < > 7.

RECORDING

Only seven streamers recorded, streamer 1 data not available. Swell noise seen on all records. S8C1-8 affected by vane wash running deep to 10.1 metres. Trace edits required. Average speed 3.8 knots, strong head current. Misfires 0.55%. Average noise of 8µbars. Weather increasing during line. SCRATCHED due to poor positioning, charged in full.

Noise Figures

Misfires	15	1974,2474,2660,2966,2968 sync >1.5 msec, 2072,2082,2234,2666,2716 autofires, 2980,2982,2984,29	SOL	7 µB
NDRs			EOL	10 µB
Parities			Max	12 µB
			Avg	8 µB
			>10µB	% 20

PROCESSING EDITS

SCRATCHED: All data scratched due to poor positioning, charged in full.
 TRACE EDIT: Streamer 1 edited totally.
 SPECIAL NOTE: Acquired with 4.5 second record length, and only seven streamers.

SEQUENCE 007

Date (SOL): 24/12/99

1999/2000 Survey

LineName W00INV1968P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	23:51	04:31	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>E</td> <td>F 7</td> </tr> <tr> <td>Sea</td> <td>E</td> <td>F 5</td> </tr> <tr> <td>Swell</td> <td>E</td> <td>3.5 m</td> </tr> </table>			Direct	Force	Wind	E	F 7	Sea	E	F 5	Swell	E	3.5 m
	Direct	Force														
Wind	E	F 7														
Sea	E	F 5														
Swell	E	3.5 m														
SP Recorded	3583	818														
SP Chargeable	3583	818														
SP To Process	3583	817	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>70.0</td> <td>101.0</td> </tr> <tr> <td>Feather Angle</td> <td>8.5</td> <td>10.5</td> </tr> <tr> <td></td> <td>10.9</td> <td>0.1</td> </tr> </table>			Maximum	Minimum	Water Depth	70.0	101.0	Feather Angle	8.5	10.5		10.9	0.1
	Maximum	Minimum														
Water Depth	70.0	101.0														
Feather Angle	8.5	10.5														
	10.9	0.1														
Recorded Files	186	2949														
Tapes System A	30358	30366														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	
G1S02	
G1S03	
G1S04	
G1S05	
G1S06	
G1S07	
G1S08	
G2S01	
G2S02	
G2S03	
G2S04	
G2S05	
G2S06	
G2S07	
G2S08	

SOURCE	01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
	02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots
Comments:	Acceptable array performance on line. Gun depths erratic due to swell. D1 705 disabled for the line. Guns 601 & 602 disabled at SOL, vol=1950 in ³		

Manifold Pressure	
Min:	1890 psi
Mean:	1990 psi
Max:	2030 psi

STREAMER	Comments				
01	<input type="checkbox"/>	53 noisy Not used during line, no data. 38,53 daily tests		3.9	13.6
02	<input checked="" type="checkbox"/>	174 daily tests 66,71 noisy		4.4	7.1
03	<input checked="" type="checkbox"/>	281 daily tests 30 noisy		3.6	8.7
04	<input checked="" type="checkbox"/>	132 daily tests		4.1	7.4
05	<input checked="" type="checkbox"/>	46 noisy		4.9	7.2
06	<input checked="" type="checkbox"/>	324 occ. spiking		3.2	8.3
07	<input checked="" type="checkbox"/>	For streamer 8 81,146,158,238,239,298,366		4.9	7.7
08	<input checked="" type="checkbox"/>	62, 84 occ. spiking, 87 weak. 62,84,86,362,363,364 T4,7 daily tests		4.8	9.0
Traces:				Min	Max
- Weak	Refer to above streamer comments			Depth	
- Killed	Refer to above streamer comments				
- Noisy	Refer to above streamer comments				
Comments:	Last trace on all streamers erased (368). Only seven streamers used, S1 dead. S5C7 no comms. S8C1-6 affected by vane wash running deep to 7.5 metres. SP 1820-1780 birds S3C7 & 13, shallow. SP 1300-1200 S2C9-11 deep to 8m. Auto depth editing applied, clipping depths 5<>7.				

RECORDING	Only seven streamers recorded, streamer 1 data not available. Swell noise seen on all records. Trace edits required. Average speed 4 knots. Poor feather match towards EOL. Misfires 0.61%. Reasonable streamer control despite the sea conditions. Average noise of 9 µbars. Poor quality line, improvement in line seen towards the EOL. LSP 1001 not recorded. SCRATCHED due to poor positioning, charged in full.		Noise Figures	
			SOL	14 µB
			EOL	6 µB
Misfires	14	3522,3202,2968,2966,2868,1971,1925,1116,1045 sync <1.5 msec, 1763,1549,1531,1505,908 ITB	Max	14 µB
NDRs	3	1762,1548,817 NDR.	Avg	9 µB
Parities			> 10µB	% 15

PROCESSING EDITS

SCRATCHED: All data scratched due to poor positioning, charged in full.
 TRACE EDIT: Streamer 1 edited totally.
 SPECIAL NOTE: Acquired with 4.5 second record length, and only seven streamers.

SEQUENCE 008

Date (SOL): 25/12/99

1999/2000 Survey

LineName W00INV1888P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	10:53	15:56		
SP Recorded	1001	3852		
SP Chargeable	1001	3852		
SP To Process	1001	3852		
Recorded Files	186	3037		
Tapes System A	30367	30375		
Water Depth	103.0	67.0	Maximum	Minimum
Feather Angle	7.0	-8.2	-8.2	7.0

	Direct	Force
Wind	ESE	F 7
Sea	ESE	F 6
Swell	ESE	3.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	
G1S02	
G1S03	
G1S04	
G1S05	
G1S06	
G1S07	
G1S08	
G2S01	
G2S02	
G2S03	
G2S04	
G2S05	
G2S06	
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.
Gun depths erratic due to swell. D1 705 disabled for the line.

Manifold Pressure	
Min:	1901 psi
Mean:	1952 psi
Max:	1960 psi

STREAMER	Comments			
01	<input type="checkbox"/>	53 noisy Not used during line, no data.	3.9	8.7
02	<input checked="" type="checkbox"/>	174 dead	4.2	8.1
03	<input checked="" type="checkbox"/>	281 weak	4.2	7.3
04	<input checked="" type="checkbox"/>	132 occ. spiking	1.1	8.0
05	<input checked="" type="checkbox"/>		4.9	7.1
06	<input checked="" type="checkbox"/>	324,354 occ. spiking	4.6	7.1
07	<input checked="" type="checkbox"/>		4.6	7.5
08	<input checked="" type="checkbox"/>	62, 84 occ. spiking, 87 weak. 62,84,86,362,363,364 T4,7 daily tests	3.6	12.8

Traces:

- Weak: Refer to above streamer comments
- Killed: Refer to above streamer comments
- Noisy: Refer to above streamer comments

Comments: Last trace on all streamers erased (368). Only seven streamers used, S1 dead. S5C7 no comms. S8C4-7 affected by vane wash running deep to 7.5 metres. SP 3330-EOL S4C10 no comms. SP 3330-3453 S4C10-14 shallow to 1 metre, SP3453-3477 S4C14-16 shallow 1.5 m, SP3477-3525 S4C15-16 shallow 1.9m. Auto depth editing applied, clipping depths 5<>7.

RECORDING	Noise Figures	
Only seven streamers recorded, streamer 1 data not available. Swell noise seen on all records. Trace edits required. Streamer 4 shallow between SP 3330-3525 due to failure of S4C10 (comms loss). Average speed 3.8 knots. Misfires 0.21%. Reasonable streamer control despite the sea conditions. Average noise of 6 µbars. SCRATCHED due to poor positioning, charged in full.	SOL	7 µB
	EOL	5 µB
Misfires: 6 1444,1476,1800,1879,3128,3752 sync errors.	Max	9 µB
NDRs:	Avg	6 µB
Parities:	>10µB	% 14

PROCESSING EDITS

SCRATCHED: All data scratched due to poor positioning, charged in full.
TRACE EDIT: Streamer 1 edited totally.
SPECIAL NOTE: Acquired with 4.5 second record length, and only seven streamers.

SEQUENCE 009

Date (SOL): 03/01/00

1999/2000 Survey

LineName W00INV2026P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Scratched

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	09:08	09:29		
SP Recorded	1168	2925		
SP Chargeable	0	0		
SP To Process	0	0		
Recorded Files	107	1858		
Tapes System A	30376	30382		
Water Depth	96.0	72.0	Maximum	Minimum
Feather Angle	-1.0	-6.6	-6.6	-1.0

	Direct	Force
Wind	SE	F 4
Sea	SE	F 2
Swell	SW	2.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	
G1S02	
G1S03	
G1S04	
G1S05	
G1S06	
G1S07	
G1S08	
G2S01	
G2S02	
G2S03	
G2S04	
G2S05	
G2S06	
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Unaccepted array performance on line, due to guns 601,602 & 708 being disabled at SP 1390.

Manifold Pressure	
Min:	
Mean:	0 psi
Max:	

STREAMER	Comments		Min	Max
01	<input checked="" type="checkbox"/>	53,58 fails daily tests T4,T7	3.9	10.0
02	<input checked="" type="checkbox"/>	172 dead fails daily tests T4,T7	4.1	7.7
03	<input checked="" type="checkbox"/>	281 dead fails daily tests T4,T7	4.5	10.2
04	<input checked="" type="checkbox"/>	132 erased 364 fails daily tests T4,T7	4.5	8.2
05	<input checked="" type="checkbox"/>		4.7	8.0
06	<input checked="" type="checkbox"/>	62,335 fails daily tests T4,T7	4.7	7.7
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above streamer comments
- Killed: Refer to above streamer comments
- Noisy: Refer to above streamer comments

Comments: Last trace on all streamers erased (368). Six streamer setup. Auto depth editing applied, clipping depths 5<>7.

RECORDING	Noise Figures
Line scratched due to guns out of specification, guns 601,602,708 disabled. NTBP. Six streamer setup used. Problems noted with PDL logger. FGSP 1168 due to gun separations, LGSP 1376 before loss of guns, insufficient line length to keep. Swell noise seen on all records. Average speed 4.12 knots. Reshot with sequence 11.	SOL 3 µB
Misfires <input type="checkbox"/>	EOL 3 µB
NDRs <input type="checkbox"/>	Max 5 µB
Parities <input type="checkbox"/>	Avg 3 µB
	>10µB % 1

PROCESSING EDITS

SCRATCHED: NTBP due out of specification gun array.
 SPECIAL NOTE: Six streamer configuration from sequence 9 onwards.

SEQUENCE 010

Date (SOL): 03/01/00

1999/2000 Survey

LineName W00INV1954P1

Line Heading 189.0 °

Investigator 3D

Line Type: Reshoot

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	17:02	21:44	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SW</td> <td>F 3</td> </tr> <tr> <td>Sea</td> <td>SW</td> <td>F 2</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>2.0 m</td> </tr> </table>			Direct	Force	Wind	SW	F 3	Sea	SW	F 2	Swell	SW	2.0 m
	Direct	Force														
Wind	SW	F 3														
Sea	SW	F 2														
Swell	SW	2.0 m														
SP Recorded	3599	817														
SP Chargeable	0	0														
SP To Process	3599	817	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>99.5</td> <td>72.5</td> </tr> <tr> <td>Feather Angle</td> <td>-4.6</td> <td>2.5</td> </tr> </table>			Maximum	Minimum	Water Depth	99.5	72.5	Feather Angle	-4.6	2.5			
	Maximum	Minimum														
Water Depth	99.5	72.5														
Feather Angle	-4.6	2.5														
Recorded Files	180	2962														
Tapes System A	30383	30389														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	251.6
G1S02	168.5
G1S03	109.9
G1S04	129.1
G1S05	206.3
G1S06	293.5
G1S07	
G1S08	
G2S01	299.4
G2S02	210.7
G2S03	135.2
G2S04	107.6
G2S05	164.9
G2S06	246.3
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.
Gun depths erratic due to swell.

Manifold Pressure	
Min:	1870 psi
Mean:	1970 psi
Max:	1990 psi

STREAMER	Comments		Min	Max
01	<input checked="" type="checkbox"/>	6,38,50,53 fails daily, 366 weak, 144 noisy	2.9	8.4
02	<input checked="" type="checkbox"/>	144,174,353 fails daily, 71 o/noisy.	4.4	8.1
03	<input checked="" type="checkbox"/>	30,138,281 fails daily	4.3	7.7
04	<input checked="" type="checkbox"/>	324, 364 fails daily	4.8	7.7
05	<input checked="" type="checkbox"/>	91 fails daily	4.7	7.7
06	<input checked="" type="checkbox"/>	158 occ spiking, 238,239 noisy, 49,62,158,335,363 fails daily	4.9	9.8
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above streamer comments
- Killed: Refer to above streamer comments
- Noisy: Refer to above streamer comments

Comments: Last trace on all streamers erased (368). Six streamer setup. S1C16 shallow to 4.4 m between SP 2680-2650 & S2C9 deep to 7.5 m between SP 2640-2595. Auto depth editing applied, clipping depths 5<>7.

RECORDING	Noise Figures
Accepted line. Swell noise seen on all records. Streamer 6 depth variations birds 3-8 due to vane wash. Trace edits will be required. Average speed 4 knots. Misfires 0%. Average noise of 3-4 μbars. Line not charged as originally charged during sequence 7, line 1968.	SOL 4 μB
Misfires <input type="checkbox"/>	EOL 3 μB
NDRs <input type="checkbox"/>	Max 5 μB
Parities <input type="checkbox"/>	Avg 3 μB
	>10μB % 0

PROCESSING EDITS
TRACE EDIT: SP 2843-2647 edited due to bird 16 depths, traces 281-296, on streamer 1. TRACE EDIT: SP 2954-2806,2469-2146,1819-1398 edited due to bird 5-6 depths, traces 57-80, on streamer 6.

SEQUENCE 011

Date (SOL): 04/01/00

1999/2000 Survey

LineName W00INV2026P2

Line Heading 009.0 °

Investigator 3D

Line Type: Reshoot

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	00:40	05:05		
SP Recorded	1001	3706		
SP Chargeable	0	0		
SP To Process	1001	3706		
Recorded Files	166	2869		
Tapes System A	30390	30396		
Water Depth	97.0	71.0	Maximum	Minimum
Feather Angle	-6.0	6.2	97.0	71.0
			6.6	-6.2

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	246.5
G1S02	164.8
G1S03	110.1
G1S04	130.7
G1S05	208.9
G1S06	295.7
G1S07	
G1S08	
G2S01	294.2
G2S02	206.2
G2S03	133.0
G2S04	108.2
G2S05	166.7
G2S06	247.9
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

 Comments: Acceptable array performance on line.
Gun depths erratic due to swell.

Manifold Pressure

Min:	0 psi
Mean:	2010 psi
Max:	1990 psi

STREAMER

Comments				
01	<input checked="" type="checkbox"/>	6,38,50,53 fails daily, 366 weak, 144 noisy	4.5	9.4
02	<input checked="" type="checkbox"/>	144,174,353 fails daily, 71 o/noisy.	3.5	8.9
03	<input checked="" type="checkbox"/>	30,138,281 fails daily	4.5	9.0
04	<input checked="" type="checkbox"/>	324, 364 fails daily	5.0	7.7
05	<input checked="" type="checkbox"/>	91 fails daily	4.0	10.6
06	<input checked="" type="checkbox"/>	158 occ spiking, 238,239 noisy, 49,62,158,335,363 fails daily	4.4	9.4
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:

- Weak	Refer to above streamer comments	Min	Max
- Killed	Refer to above streamer comments	Depth	
- Noisy	Refer to above streamer comments		

Comments: Last trace on all streamers erased (368). Six streamer setup. S2C9 shallow to 4 m between SP 2570-2600, S5C18 deep to 10 m between SP 3334-3355, SP 3472-3499 S6C5-12 deep to 8.3 m. Auto depth editing applied, clipping depths 5 < > 7.

RECORDING

Swell noise seen on all records, increasing during the line. Streamer 6 depth variations birds 5-12 due to vane wash. Trace edits will be required. Average speed 4.14 knots. Misfires 0.1%. Average noise of 3-7 µbars. Line not charged as originally charged during sequence 6, line 2016P1. Separations S1-2 increased from 100->108 as feather changed from port to starboard. Over-stacking of coverage towards EOL. Reshoot of sequence 9.

Noise Figures

Misfires	<input type="checkbox"/>		Max	10 µB
NDRs	3	SP 2072,2864 NDR & SP 2860 ITB	Avg	5 µB
Parities	<input type="checkbox"/>		> 10µB	% 0

PROCESSING EDITS

TRACE EDIT: SP 3207-3230,3317-3344,3454-3502,3594-EOL edited due to bird 6-8 depths, traces 65-104, on streamer 6.

SEQUENCE 012

Date (SOL): 05/01/00

1999/2000 Survey

LineName W00INV1918P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	21:17	02:58		
SP Recorded	1001	3822		
SP Chargeable	1001	3822		
SP To Process	1001	3822		
Recorded Files	171	2991		
Tapes System A	30397	30403		
Water Depth	98.3	69.8	Maximum	Minimum
Feather Angle	0.8	-5.7	98.0	67.0
			-6.0	0.9

	Direct	Force
Wind	SSE	F 5
Sea	SSE	F 3
Swell	SSW	3.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	236.4
G1S02	159.8
G1S03	104.4
G1S04	123.6
G1S05	200.6
G1S06	288.7
G1S07	
G1S08	
G2S01	288.9
G2S02	205.9
G2S03	129.2
G2S04	99.9
G2S05	154.3
G2S06	236.2
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.
Gun depths erratic due to swell.

Manifold Pressure	
Min:	1870 psi
Mean:	1990 psi
Max:	2020 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/> 6,38,50,53 fails daily, 366 weak, 40,97,98,144 noisy	3.8	11.4
02	<input checked="" type="checkbox"/> 144,174,353 fails daily, 71 o/noisy.	3.7	13.0
03	<input checked="" type="checkbox"/> 30,138,281 fails daily	4.5	9.6
04	<input checked="" type="checkbox"/> 324, 364 fails daily	4.9	8.6
05	<input checked="" type="checkbox"/> 91 fails daily 2 weak	3.8	9.3
06	<input checked="" type="checkbox"/> 158 occ spiking, 238,239 noisy, 49,62,158,335,363 fails daily	3.9	12.4
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above streamer comments
- Killed: Refer to above streamer comments
- Noisy: Refer to above streamer comments

Comments: Last trace on all streamers erased (368). Six streamer setup. S2C9-13 deep SOL-SP 1300 11m max.; S1C3-9 SP 1280-1640 9 m max.; S6C1-10 SP2750-3071 10.5m max.; S6C4-16 SP3240-EOL 12m max. Auto depth editing applied, clipping depths 5<>7.

RECORDING		Noise Figures
	Swell noise seen on all records. Streamer depth variations due to following seas. Trace edits will be required. Average speed 4.04 knots. Misfires 0.28%. Average noise of 13-7 µbars, decreasing swell noise during line. S1-2 separation low (debris). Line subject to processing checks. Noted loss of 2.3-3.6 sec data from brute stack. Rejected by WEL. Completed with seq. 31,32,34.	SOL 13 µB
Misfires	3 2781,2783,2785 sync errors > 1.5 msec.	EOL 7 µB
NDRs	5 1548,1554,1738,1855 external header problems, 1552 NDR	Max 13 µB
Parities		Avg 9 µB
		>10µB % 20

PROCESSING EDITS

SCRATCHED: Line rejected by WEL on 10.1.2000 due to excessive noise.
 TRACE EDIT: S1C1-11 SP1113-2420 ch 1-176; S1C12-13 SP2157-2238 ch 177-224.
 TRACE EDIT: S2C9-13 SOL-1900 ch 161-272; S2C11-14 SP3180-3450 ch 209-296
 TRACE EDIT: S3C2-4 SOL-EOL ch 9-56
 TRACE EDIT: S6C3-9 SOL-EOL ch 25-128; S6C10-16 SP 2305-EOL ch 9-152.

SEQUENCE 013

Date (SOL): 06/01/00

1999/2000 Survey

LineName W00INV1906P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather															
Recording Time	05:56	10:37	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SW</td> <td>F 6</td> </tr> <tr> <td>Sea</td> <td>SW</td> <td>F 4</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>3.0 m</td> <td></td> <td></td> </tr> </table>			Direct	Force	Wind	SW	F 6	Sea	SW	F 4	Swell	SW	3.0 m		
	Direct	Force																
Wind	SW	F 6																
Sea	SW	F 4																
Swell	SW	3.0 m																
SP Recorded	3651	817																
SP Chargeable	3651	817																
SP To Process	3651	817																
Recorded Files	168	3002																
Tapes System A	30404	30410																
Water Depth	68.0	103.0	Maximum	Minimum														
Feather Angle	2.8	1.7	103.0	68.0														
			-3.8	2.8														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	244.0
G1S02	160.9
G1S03	104.7
G1S04	123.8
G1S05	201.1
G1S06	289.8
G1S07	
G1S08	
G2S01	291.8
G2S02	202.9
G2S03	126.8
G2S04	100.6
G2S05	158.1
G2S06	241.6
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Manifold Pressure

Min:	1870 psi
Mean:	1879 psi
Max:	1898 psi

Comments:

Acceptable array performance on line.
Gun depths erratic due to swell.
PDL logger bad from SP 1101-EOL, monitored manually.

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 6,38,50,53 fails daily, 366 weak, 40,97,98,144 noisy	3.9	11.5
02	<input checked="" type="checkbox"/> 144,174,353 fails daily, 71 o/noisy.	3.3	9.1
03	<input checked="" type="checkbox"/> 30,138,281 fails daily	3.9	8.6
04	<input checked="" type="checkbox"/> 324, 364 fails daily	4.1	7.6
05	<input checked="" type="checkbox"/> 91 fails daily 2 weak	4.1	7.7
06	<input checked="" type="checkbox"/> 158 occ spiking, 238,239 noisy, 49,62,158,335,363 fails daily	4.0	12.9
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

		Min	Max
- Weak	Refer to above streamer comments	Depth	
- Killed	Refer to above streamer comments		
- Noisy	Refer to above streamer comments		

Comments:

Last trace on all streamers erased (368). Six streamer setup. S1C4-8 SOL-SP3561 deep 9.5 m; S1C7-11 SP3320-3040 10m; S1C4-8 SP2890-2833 8.5m; S6C2-9 SP2350-2050 12.5; S6C2-9 SP2350-2050 12m; S6C4-8 SP1190-1140 9.5m; S1C7-10 SP1050-870 10m; S6C4-9 SP950-EOL 10m. Auto depth editing applied, clipping depths 5<>7.

RECORDING

High degree of swell noise seen on all records. Streamer depth variations due to head seas. Trace edits will be required. Average speed 4.09 knots. Misfires 0.53%. Average noise of 15-17 µbars, due to swell noise during line. Line subject to processing checks. Noted loss of 2.3-3.6 sec data from brute stack. LINE REJECTED BY WEL 10.1.2000, DNP, TO BE RESHOT. Charging to remain unchanged. Completed with seqs. 29,38,39,40.

Noise Figures
Misfires

12 2249,2251,2255,2257,2259,2671,2673,3035 sync errors > 1.5 msec.

Max 20 µB

NDRs

3 1154,1232,3339 external header problems

Avg 16 µB

Parities

2244,22242,2240,2238 array 2 over volume errors.

> 10µB % 63

PROCESSING EDITS

SCRATCHED: Line rejected by WEL on 10.1.2000 due to excessive noise.
TRACE EDIT: S1C3-4 SP 2580-2503 Ch 25-56; S1C5-6 SP 3250-2300 Ch 57-80; S1C7-11 SP3250-EOL Ch 81-176;
S1C12-13 SP 3300-3220 Ch 177-224.
TRACE EDIT: S6C2-10 SP2305-EOL Ch 9-152

SEQUENCE 014

Date (SOL): 06/01/00

1999/2000 Survey

LineName W00INV1894P1

Line Heading 009.0 °

Investigator 3D

Line Type: Reshoot

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	14:03	18:45		
SP Recorded	1001	3848		
SP Chargeable	0	0		
SP To Process	1001	3848		
Recorded Files	159	3004		
Tapes System A	30411	30417		
Water Depth	100.0	67.0	Maximum	Minimum
Feather Angle	-3.9	-2.1	100.0	67.0
			-5.0	1.7

	Direct	Force
Wind	SSE	F 5
Sea	SSE	F 2
Swell	SW	3.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	248.5
G1S02	161.5
G1S03	105.3
G1S04	122.9
G1S05	199.5
G1S06	287.5
G1S07	
G1S08	
G2S01	299.3
G2S02	206.2
G2S03	129.8
G2S04	100.0
G2S05	155.0
G2S06	237.2
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.

 Gun depths erratic due to swell.
 SP 1395 guns 303 & 304 disabled, Vol=2090 in³
Manifold Pressure

Min:	1860 psi
Mean:	1900 psi
Max:	2000 psi

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 6,38,50,53 fails daily, 366 weak, 40,144 noisy	3.6	9.7
02	<input checked="" type="checkbox"/> 144,174,353 fails daily, 70,71,290 o/noisy, 126,357 spiking	4.5	10.2
03	<input checked="" type="checkbox"/> 30,138,281 fails daily	3.5	9.5
04	<input checked="" type="checkbox"/> 324, 364 fails daily	4.9	8.0
05	<input checked="" type="checkbox"/> 91 fails daily	4.7	9.1
06	<input checked="" type="checkbox"/> 158 occ spiking, 238,239 noisy, 49,62,158,335,363 fails daily	4.5	11.4
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above streamer comments	Min	Max
- Killed	Refer to above streamer comments	Depth	
- Noisy	Refer to above streamer comments		

Comments: Last trace on all streamers erased (368). Streamers 1,3,6 depth variations throughout line. Mainly affecting streamer 6. Auto depth editing applied, clipping depths 5<>7.

RECORDING

Swell noise seen on all records, decreasing during line. Streamer (1,3,6) depth variations due to following seas. Trace edits will be required. Average speed 4.09 knots. Misfires 0.74%. Average noise of 13-8 µbars, due to swell noise during line. Line subject to processing checks. Line originally charged during sequence 8.

Noise Figures

Misfires	14	1159,1161,1163,1257,1259,1309,1311,1325,1327,1329,1335,1337,1339,1391 sync errors > 1.5 msec.	Max	13 µB
NDRs	2	1587,1589 NDR	Avg	10 µB
Parities	7	1050,1188,1346,1384,1562,1586,1588 Gun headers missed	> 10µB	% 20

PROCESSING EDITS

TRACE EDIT: S1C4-7 SP 3540-3590 Ch 41-88
 SPECIAL NOTE: Line originally charged, sequence 8.
 TRACE EDIT: S2C9-11 SP 1145-1255 & 1618-1822 & 2257-2445 Ch 113-176; S2C12 Ch 177-200 SP1145-2445
 TRACE EDIT: S3C4-5 SP 3422-3670 Ch 41-80 (777-816)
 TRACE EDIT: S6C4-8 SOL-EOL Ch 41-104; S6C3 SOL-1350 Ch 25-40; S6C9-10 SOL-1350 Ch 105-152

SEQUENCE 015

Date (SOL): 06/01/00

1999/2000 Survey

LineName W00INV2014P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	23:19	03:50		
SP Recorded	3536	817		
SP Chargeable	3536	817		
SP To Process	3536	817		
Recorded Files	138	2857		
Tapes System A	30418	30424		
Water Depth	72.5	103.0	Maximum	Minimum
Feather Angle	3.8	9.0	99.0	70.0
			9.0	1.5

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	243.5
G1S02	162.3
G1S03	104.7
G1S04	123.4
G1S05	200.2
G1S06	288.9
G1S07	
G1S08	
G2S01	290.6
G2S02	203.9
G2S03	126.8
G2S04	100.5
G2S05	157.9
G2S06	241.5
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.
Gun depths erratic due to swell.

Manifold Pressure	
Min:	1840 psi
Mean:	1970 psi
Max:	1972 psi

STREAMER	Comments		Min	Max
01	<input checked="" type="checkbox"/>	6,38,50,53 fails daily, 366 weak, 40,144 noisy, 82 o/spiking	5.0	9.6
02	<input checked="" type="checkbox"/>	144,174,353 fails daily, 71,111,126 spiking	4.7	8.4
03	<input checked="" type="checkbox"/>	30,138,281 fails daily	4.7	8.6
04	<input checked="" type="checkbox"/>	324, 364 fails daily	5.0	7.7
05	<input checked="" type="checkbox"/>	91 fails daily, 113 spiking	5.0	7.8
06	<input checked="" type="checkbox"/>	241 occ spiking, 238,239 noisy, 49,62,158,335,363 fails daily	4.8	12.1
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above streamer comments
- Killed: Refer to above streamer comments
- Noisy: Refer to above streamer comments

Comments: Last trace on all streamers erased (368). S6C4-9 depth fluctuations, SP 2420-2250, 1800-1720,1650-1560,1522-1280,1214-1150 (9-11.5m); S2C9 occasionally shallow. Auto depth editing applied, clipping depths 5<>7.

RECORDING	Noise Figures
Swell noise seen on all records. Streamer 6 depth variations due to head seas. Trace edits will be required. Average speed 4.06 knots. Misfires Nil. Average noise of 9-7 µbars, decreasing swell noise during line.	SOL 9 µB
Misfires <input type="checkbox"/>	EOL 7 µB
NDRs <input type="checkbox"/>	Max 9 µB
Parities <input type="checkbox"/>	Avg 8 µB
	>10µB % 18

PROCESSING EDITS
TRACE EDIT: S1C9-10 SP 3192-3168 Ch 113-152; S1C9-13 SP 1707-1638 Ch 113-224; S1C16 SP 1095-1057 Ch 281-296
TRACE EDIT: S5C10 SP 2042-1968 Ch 185-200
TRACE EDIT: S6C2-3 SP 1462-1293 Ch 9-40 ; S6C4-9 SP 2830-874 Ch 41-128

SEQUENCE 016

Date (SOL): 07/01/00

1999/2000 Survey

LineName W00INV1966P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	07:14	11:51		
SP Recorded	1001	3770		
SP Chargeable	1001	3770		
SP To Process	1001	3770		
Recorded Files	119	2885		
Tapes System A	30425	30431		
Water Depth	98.0	70.0	Maximum	Minimum
Feather Angle	1.0	-2.0	98.0	70.0
			5.3	-2.0

	Direct	Force
Wind	SSE	F 4
Sea	SSE	F 2
Swell	SW	2.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	243.3
G1S02	162.1
G1S03	105.3
G1S04	122.4
G1S05	198.9
G1S06	287.2
G1S07	
G1S08	
G2S01	293.0
G2S02	206.1
G2S03	129.3
G2S04	99.7
G2S05	155.0
G2S06	237.6
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.
Gun depths erratic due to swell.

Manifold Pressure	
Min:	1890 psi
Mean:	1920 psi
Max:	1990 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/> 6,38,50,53 fails daily, 366 weak, 40,82,97,144 noisy, 366 weak	4.4	9.1
02	<input checked="" type="checkbox"/> 144,174,353 fails daily, 71,111,126,290 noisy/spiking	5.0	8.2
03	<input checked="" type="checkbox"/> 30,138,281 fails daily, 72,73 0/noisy	3.9	9.8
04	<input checked="" type="checkbox"/> 324, 364 fails daily	4.7	8.3
05	<input checked="" type="checkbox"/> 91 fails daily, 113 spiking	4.9	8.3
06	<input checked="" type="checkbox"/> 200,238,239, 241 noisy, 49,62,158,335,363 fails daily	4.1	10.1
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above streamer comments
- Killed: Refer to above streamer comments
- Noisy: Refer to above streamer comments

Comments: Last trace on all streamers erased (368). S3C1-6 SP 3090-3240 8.5m; S3C1-5 SP3280-3700 8.5m. Auto depth editing applied, clipping depths 5<>7.

RECORDING	Noise Figures
Swell noise seen on all records. Streamer 3 depth variations due to following seas. Trace edits will be required. Average speed 4.05 knots. Misfires 0.2%. Average noise of 7 µbars. Swell decreasing towards northern end of line, shallower water.	SOL 7 µB
Misfires	EOL 7 µB
NDRs 5 1114,1155,1337,2880,3254 NDR.	Max 7 µB
Parities	Avg 7 µB
	>10µB % 15

PROCESSING EDITS

TRACE EDIT: S1C9-11 SP 1020-1366 Ch 113-176
 TRACE EDIT: S3C2-5 SOL-EOL Ch 9-80; S2C6 SP 3620-3670 Ch 81-104; S2C14 SP 1910-2588 Ch 281-296
 TRACE EDIT: S6C4-8 SP 1220-1933 Ch 41-104; S6C8-11 SP 3533-3642 Ch 89-176

SEQUENCE 017

Date (SOL): 07/01/00

1999/2000 Survey

LineName W00INV189411

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	14:36	19:23		
SP Recorded	3663	817		
SP Chargeable	3663	817		
SP To Process	3663	817		
Recorded Files	179	3025		
Tapes System A	30432	30438		
Water Depth	71.0	105.0	Maximum	Minimum
Feather Angle	8.0	1.5	9.8	-1.0

	Direct	Force
Wind	SSE	F 4
Sea	SSE	F 2
Swell	SSW	3.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	241.2
G1S02	160.6
G1S03	104.0
G1S04	121.6
G1S05	198.2
G1S06	286.9
G1S07	
G1S08	
G2S01	287.0
G2S02	201.0
G2S03	124.7
G2S04	100.3
G2S05	157.5
G2S06	241.1
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.
Gun depths erratic due to swell.

Manifold Pressure	
Min:	1820 psi
Mean:	1995 psi
Max:	1980 psi

STREAMER	Comments	Min	Max
01	<input checked="" type="checkbox"/> 4,6,38,50,53 fails daily, 366 weak, 40,82,144 noisy, 366 weak	5.0	15.7
02	<input checked="" type="checkbox"/> 144,174,353 fails daily, 71,111,126 noisy/spiking	4.3	10.5
03	<input checked="" type="checkbox"/> 30,138,281 fails daily	4.0	9.9
04	<input checked="" type="checkbox"/> 324, 364 fails daily	4.5	9.1
05	<input checked="" type="checkbox"/> 2,91 fails daily, 113 spiking	4.5	10.7
06	<input checked="" type="checkbox"/> 200,238,239 noisy, 49,62,103,158,241,335,357,363 fails daily	4.3	12.9
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above streamer comments
- Killed: Refer to above streamer comments
- Noisy: Refer to above streamer comments

Comments: Last trace on all streamers erased (368). S1C4-10 depth variations; S1 and S6 depth variations due to vane wash problems. S2C14 dead SP 3330-EOL. Depth variations noted on all streamers. Auto depth editing applied, clipping depths 5 < > 7.

RECORDING		Noise Figures
	First infill for the area. Swell noise seen on all records. S1 and S6 depth variations due to vane wash problems. Trace edits will be required. Misfires 0.1%. Average noise of 7-10 µbars. Swell increasing heading towards shelf.	SOL: 7 µB
Misfires	3 2892,2890,2888 sync errors > 1.5 msec.	EOL: 10 µB
NDRs		Max: 10 µB
Parities		Avg: 9 µB
		>10µB: % 28

PROCESSING EDITS
TRACE EDIT: S1C1-9 SOL-EOL Ch 1-128; S1C10 SP 2205-2074 Ch 129-152; S1C10-13 SOL-3629 & 1540-930 Ch 129-224
TRACE EDIT: S2C4-12 SP 2240-EOL Ch 41-248; S2C16 SP 945-836 Ch 329-344
TRACE EDIT: S3C2-5 SP 2497-EOL Ch 9-80; S4C3-8 SP 1620-1486 & 1211-1142 Ch 25-152
TRACE EDIT: S5C5-10 SP 1609-1420 Ch 65-200; S5C5-9 SP 1248-1060 Ch 65-176
TRACE EDIT: S6C2-6 SP 2500-EOL Ch 9-80; S6C7-9 SP 1584-EOL Ch 81-128

TRACE EDIT:

SEQUENCE 018

Date (SOL): 07/01/00

1999/2000 Survey

LineName W00INV2002P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	22:02	02:42	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>ESE</td> <td>F 4</td> </tr> <tr> <td>Sea</td> <td>ESE</td> <td>F 2</td> </tr> <tr> <td>Swell</td> <td>S</td> <td>3.5 m</td> </tr> </table>			Direct	Force	Wind	ESE	F 4	Sea	ESE	F 2	Swell	S	3.5 m
	Direct	Force														
Wind	ESE	F 4														
Sea	ESE	F 2														
Swell	S	3.5 m														
SP Recorded	1001	3732														
SP Chargeable	1001	3732														
SP To Process	1001	3732	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>96.0</td> <td>71.0</td> </tr> <tr> <td>Feather Angle</td> <td>-0.8</td> <td>-7.3</td> </tr> <tr> <td></td> <td>-7.7</td> <td>-0.2</td> </tr> </table>			Maximum	Minimum	Water Depth	96.0	71.0	Feather Angle	-0.8	-7.3		-7.7	-0.2
	Maximum	Minimum														
Water Depth	96.0	71.0														
Feather Angle	-0.8	-7.3														
	-7.7	-0.2														
Recorded Files	161	2889														
Tapes System A	30429	30445														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	245.1
G1S02	163.1
G1S03	105.3
G1S04	121.1
G1S05	197.6
G1S06	285.5
G1S07	
G1S08	
G2S01	294.0
G2S02	206.5
G2S03	129.0
G2S04	99.1
G2S05	154.4
G2S06	236.6
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Manifold Pressure

Min:	0 psi
Mean:	1950 psi
Max:	1941 psi

Comments: Acceptable array performance on line.

 Gun depths erratic due to swell.
 SP 2527 guns 101 & 102 disabled. Vol=1950 in³
STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 4,6,38,50,53 fails daily, 366 weak, 40,82,144 noisy, 366 weak	4.5	8.9
02	<input checked="" type="checkbox"/> 144,174,353 fails daily, 71,111,126 noisy/spiking	4.7	8.8
03	<input checked="" type="checkbox"/> 30,138,281 fails daily	2.9	8.4
04	<input checked="" type="checkbox"/> 324, 364 fails daily	4.7	7.6
05	<input checked="" type="checkbox"/> 2,91 fails daily, 113 spiking	4.2	8.5
06	<input checked="" type="checkbox"/> 200,238,239 noisy, 49,62,103,158,241,335,357,363 fails daily	4.0	8.3
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above streamer comments	Min	Max
- Killed	Refer to above streamer comments	Depth	
- Noisy	Refer to above streamer comments		

Comments: Last trace on all streamers erased (368). Slight bend noise noted on SOL noise recording. S4C5 SP 1090-1156 4.2m; S2C9 depth fluctuations 4.5/7.7m. Auto depth editing applied, clipping depths 5<>7.

RECORDING

Swell noise seen on all records. Depth variations due to swell. Trace edits will be required. Misfires 0.33%. Average noise of 9-8 µbars. Swell decreasing heading away from shelf.

Noise Figures

SOL	9 µB
EOL	8 µB
Max	10 µB
Avg	8 µB
> 10µB	% 25

Misfires 6 2523,2525,3088,3090,3092,3256 sync errors > 1.5 msec.

NDRs 3 2505,2361,2367 NDR

Parities

PROCESSING EDITS

TRACE EDIT: S3C5-7 SP 1040-1502 Ch 65-128

SEQUENCE 019

Date (SOL): 08/01/00

1999/2000 Survey

LineName W00INV1882P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	05:32	10:17		
SP Recorded	3675	818		
SP Chargeable	3675	818		
SP To Process	3675	818		
Recorded Files	162	3019		
Tapes System A	30446	30452		
Water Depth	70.0	103.0	Maximum	Minimum
Feather Angle	6.8	-2.6	109.0	65.0
			7.5	-4.8

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	240.7
G1S02	160.5
G1S03	103.6
G1S04	122.6
G1S05	199.5
G1S06	288.4
G1S07	
G1S08	
G2S01	285.2
G2S02	199.5
G2S03	123.4
G2S04	101.2
G2S05	159.4
G2S06	243.5
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.
Gun depths erratic due to swell.
SP 2096 guns 703 & 704 disabled, volume 2090 in³

Manifold Pressure	
Min:	1810 psi
Mean:	1940 psi
Max:	1940 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/> 4,6,38,50,53 fails daily, 366 weak, 40,82,144 noisy	5.1	14.0
02	<input checked="" type="checkbox"/> 144,174,353 fails daily, 71,126, 290 noisy/spiking	5.0	9.5
03	<input checked="" type="checkbox"/> 30,138,281 fails daily	3.6	11.4
04	<input checked="" type="checkbox"/> 324, 364 fails daily	4.7	8.8
05	<input checked="" type="checkbox"/> 2,91 fails daily, 113 spiking	5.0	8.7
06	<input checked="" type="checkbox"/> 76,238,239,366 noisy, 49,62,103,158,241,335,357,363 fails daily	4.6	13.5
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above streamer comments
- Killed: Refer to above streamer comments
- Noisy: Refer to above streamer comments

Comments: Last trace on all streamers erased (368). Depth variations at the front ends of streamers 1,3,6 due to swell, first 10 birds varying between 10-12 metres for line. SP 1200-EOL balance improved. Auto depth editing applied, clipping depths 5<>7.

RECORDING		Noise Figures
	Swell noise seen on all records. Depth variations at the front ends of streamers 1,3,6 due to swell, first 10 birds varying between 10-12 metres for line. SP 1200-EOL balance improved. Trace edits will be required. Misfires 0.36%. Average noise of 10-7 µbars. LGSP 818, 817 missed.	SOL 10 µB
Misfires	10 2904,2902,2900,2624,2622,2138,2136,2134,2102,2100 sync errors > 1.5 msec.	EOL 7 µB
NDRs	1 LGSP 818; 817 missed.	Max 10 µB
Parities		Avg 8 µB
		> 10µB % 17

PROCESSING EDITS	
	TRACE EDIT: S1C1-10 SOL-EOL Ch 1-152; S1C11-13 SP 3489-3375 & 1986-1894 & 1569-978 Ch 153-224 TRACE EDIT: S2C4-10 SP 3605-3411 Ch 41-200; S3C2-5 SOL-EOL Ch 9-80; S3C6 SP 3137-2340 Ch 81-104 TRACE EDIT: S6C2-9 SOL-EOL Ch 9-128; S6C10-11 SP 3537-2771 & 1099-EOL Ch 129-176.

SEQUENCE 020

Date (SOL): 08/01/00

1999/2000 Survey

LineName W00INV1870P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	17:34	22:17	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>ESE</td> <td>F 6</td> </tr> <tr> <td>Sea</td> <td>ESE</td> <td>F 2</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>3.5 m</td> </tr> </table>			Direct	Force	Wind	ESE	F 6	Sea	ESE	F 2	Swell	SW	3.5 m
	Direct	Force														
Wind	ESE	F 6														
Sea	ESE	F 2														
Swell	SW	3.5 m														
SP Recorded	1001	3872														
SP Chargeable	1001	3872														
SP To Process	1001	3872	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>104.0</td> <td>67.0</td> </tr> <tr> <td>Feather Angle</td> <td>-6.8</td> <td>2.6</td> </tr> </table>			Maximum	Minimum	Water Depth	104.0	67.0	Feather Angle	-6.8	2.6			
	Maximum	Minimum														
Water Depth	104.0	67.0														
Feather Angle	-6.8	2.6														
Recorded Files	199	3069														
Tapes System A	30453	30459														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	250.6
G1S02	168.1
G1S03	106.9
G1S04	119.0
G1S05	193.7
G1S06	281.5
G1S07	
G1S08	
G2S01	297.5
G2S02	210.2
G2S03	131.5
G2S04	99.1
G2S05	152.9
G2S06	235.2
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.
Gun depths erratic due to swell.

Manifold Pressure	
Min:	0 psi
Mean:	1910 psi
Max:	1990 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/> 4,6,38,50,53 fails daily, 366 weak, 40,82,144 noisy	4.8	9.7
02	<input checked="" type="checkbox"/> 144,174,353 fails daily, 71,111,126, 290 noisy/spiking	4.3	7.7
03	<input checked="" type="checkbox"/> 30,138,281 fails daily	4.5	8.6
04	<input checked="" type="checkbox"/> 324, 364 fails daily	4.8	7.6
05	<input checked="" type="checkbox"/> 2,91 fails daily, 113 spiking	4.9	7.8
06	<input checked="" type="checkbox"/> 76,238,239,366 noisy, 49,62,103,158,241,335,357,363 fails daily	3.6	11.7
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above streamer comments
- Killed: Refer to above streamer comments
- Noisy: Refer to above streamer comments

Comments: Last trace on all streamers erased (368). Depth variations on streamer 6 due to vane wash, birds 4-8 affected. S2C9 occasionally shallow to 4m. Auto depth editing applied, clipping depths 5<>7.

RECORDING	Noise Figures
Swell noise seen on all records. Depth variations on streamer 6 due to vane wash, birds 4-8 affected. Trace edits will be required. Misfires 0.04%. Average noise of 9-7 µbars.	SOL 9 µB
Misfires	EOL 7 µB
NDRs 1 2819 NDR; 2812 gun header to be checked.	Max 9 µB
Parities	Avg 8 µB
	>10µB % 15

PROCESSING EDITS

TRACE EDIT: S1C3-6 SP 3137-3184 Ch 25-80 ; S1C4-7 SP 3828-EOL Ch 41-88
TRACE EDIT: S6C4-9 SOL-EOL Ch 41-128

SEQUENCE 021

Date (SOL): 09/01/00

1999/2000 Survey

LineName W00INV1990P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Incomplete

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	01:27	03:57		
SP Recorded	3561	2040		
SP Chargeable	3561	2040		
SP To Process	3561	2040		
Recorded Files	148	1669		
Tapes System A	30460	30463		
Water Depth	71.5	88.5	Maximum	Minimum
Feather Angle	3.7	5.0	90.0	69.0
			5.8	3.1

	Direct	Force
Wind	ESE	F 5
Sea	ESE	F 2
Swell	SW	2.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	241.0
G1S02	160.5
G1S03	103.8
G1S04	123.8
G1S05	201.2
G1S06	290.0
G1S07	
G1S08	
G2S01	286.1
G2S02	200.1
G2S03	124.3
G2S04	101.0
G2S05	160.2
G2S06	244.5
G2S07	
G2S08	

SOURCE	01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
	02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots
Comments:	Acceptable array performance on line. Gun depths erratic due to swell. SP 3168 gun 607 disabled. New Vol=2195 in ³		

Manifold Pressure	
Min:	1860 psi
Mean:	1908 psi
Max:	2016 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	4,6,38,50,53 fails daily, 366 weak, 40,82,144 noisy	4.9	8.9
02	<input checked="" type="checkbox"/>	144,174,353 fails daily, 71,111,126, 290 noisy/spiking	4.7	7.0
03	<input checked="" type="checkbox"/>	30,138,281 fails daily	4.7	8.1
04	<input checked="" type="checkbox"/>	324, 364 fails daily	4.9	7.2
05	<input checked="" type="checkbox"/>	2,91 fails daily, 113 spiking	4.9	7.8
06	<input checked="" type="checkbox"/>	76,238,239,366 noisy, 49,62,103,158,241,335,357,363 fails daily	4.6	7.9
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:		Min	Max
- Weak	Refer to above streamer comments	Depth	
- Killed	Refer to above streamer comments		
- Noisy	Refer to above streamer comments		
Comments:	Last trace on all streamers erased (368). Auto depth editing applied, clipping depths 5<>7.		

RECORDING	Line terminated due to anchored fishing vessel on line ahead. LGSP 2040. Swell noise seen on all records. Reasonable streamer control. Misfires 0.46%. Average noise of 6-4 µbars. Completed with seq. 27	Noise Figures
Misfires	7 3434,3432,3430,3176,3174,3172,3170 sync errors > ±1.5 msec.	SOL 6 µB
NDRs		EOL 4 µB
Parities		Max 6 µB
		Avg 5 µB
		> 10µB % 6

PROCESSING EDITS

FULL EDIT: LGSP 2040 due to fishing boat on line ahead.
 TRACE EDIT: S1C4-10 SP 3520-3346 Ch 41-152; S1C7-10 SP 3241-3145 Ch 81-152; S1C4-10 SP 2166-2110 Ch 41-152; S1C4-6 SP 2653-2528 Ch 41-80

SEQUENCE 022

Date (SOL): 09/01/00

1999/2000 Survey

LineName W00INV2048R1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	07:56	08:24		
SP Recorded	3396	3683		
SP Chargeable	0	0		
SP To Process	3396	3683		
Recorded Files	160	3683		
Tapes System A	30464	30464		
Water Depth	73.0	71.0	Maximum	Minimum
Feather Angle	-1.8	-0.3	77.0	69.0
			-1.8	-0.4

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	250.1
G1S02	167.9
G1S03	106.8
G1S04	119.1
G1S05	194.6
G1S06	282.9
G1S07	
G1S08	
G2S01	298.0
G2S02	211.1
G2S03	132.3
G2S04	98.7
G2S05	153.2
G2S06	235.8
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.
Gun depths erratic due to swell.

Manifold Pressure	
Min:	1830 psi
Mean:	1889 psi
Max:	1938 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/> 4,6,38,50,53 fails daily, 366 weak, 40,82,144 noisy	5.2	8.7
02	<input checked="" type="checkbox"/> 144,174,353 fails daily, 71,111,126, 290 noisy/spiking	4.3	6.8
03	<input checked="" type="checkbox"/> 30,138,281 fails daily 364 noisy.	4.9	7.3
04	<input checked="" type="checkbox"/> 324, 364 fails daily	5.3	7.7
05	<input checked="" type="checkbox"/> 2,91 fails daily, 113 spiking	5.1	7.5
06	<input checked="" type="checkbox"/> 76,238,239,366 noisy, 49,62,103,158,241,335,357,363 fails daily	4.5	8.1
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above streamer comments
- Killed: Refer to above streamer comments
- Noisy: Refer to above streamer comments

Comments: Last trace on all streamers erased (368). Occasional compass dropouts noted on streamer 3 birds 11-18. Auto depth editing applied, clipping depths 5<>7.

RECORDING	Noise Figures
Line continuation of sequence 2, terminated for gun volume. Swell noise seen on all records. Good streamer control. Misfires Nil%. Average noise of 4 µbars. Line acquired using 8 streamer way points. Covered necessary 12 CDP area, against original 16 CDP area, effectively leaving boundary 4 CDP gap, on outside edge. Line not charged to correct km difference between 8-6 streamer configuration.	SOL 4 µB
Misfires <input type="checkbox"/>	EOL 4 µB
NDRs <input type="checkbox"/>	Max 4 µB
Parities <input type="checkbox"/>	Avg 4 µB
	>10µB % 4

PROCESSING EDITS **SPECIAL NOTE: Line not charged to correct km difference between 8-6 streamer configuration.**

SEQUENCE 023

Date (SOL): 09/01/00

1999/2000 Survey

LineName W00INV187011

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	12:28	17:15		
SP Recorded	3688	817		
SP Chargeable	3688	817		
SP To Process	3688	817		
Recorded Files	165	3036		
Tapes System A	30465	30471		
Water Depth	67.0	105.0	Maximum	Minimum
Feather Angle	1.0	0.4	108.0	66.0
			2.1	-1.8

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	240.1
G1S02	160.1
G1S03	104.2
G1S04	122.0
G1S05	198.4
G1S06	286.2
G1S07	
G1S08	
G2S01	283.4
G2S02	197.9
G2S03	122.6
G2S04	100.2
G2S05	158.5
G2S06	241.7
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

 Comments: Acceptable array performance on line.
Gun depths erratic due to swell.

Manifold Pressure

Min:	1800 psi
Mean:	1960 psi
Max:	1930 psi

STREAMER

Comments			4.8	7.2
01	<input checked="" type="checkbox"/>	6,38,50,53,366 fails daily, 40,82,144 noisy		
02	<input checked="" type="checkbox"/>	111,144,174,353 fails daily, 71,126 noisy/spiking	5.0	7.3
03	<input checked="" type="checkbox"/>	30,138,281 fails daily 364 noisy.	4.7	7.8
04	<input checked="" type="checkbox"/>	324, 364 fails daily	4.9	7.7
05	<input checked="" type="checkbox"/>	2,91,113,367 fails daily	5.0	7.9
06	<input checked="" type="checkbox"/>	238,239,366 noisy, 49,62,76,158,241,335,357,363 fails daily	4.7	7.2
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:

- Weak	Refer to above streamer comments	Min	Max
- Killed	Refer to above streamer comments	Depth	
- Noisy	Refer to above streamer comments		

Comments: Last trace on all streamers erased (368). Occasional compass dropouts noted on streamer 3 birds 11-18. Auto depth editing applied, clipping depths 5<>7.

RECORDING

Minor swell noise seen on all records. Good streamer control. Misfires Nil%. Average noise of 3 µbars.

Noise Figures

 Misfires

 NDRs

 Parities

SOL	3 µB
EOL	2 µB
Max	3 µB
Avg	2 µB
>10µB	% 0

PROCESSING EDITS

None

SEQUENCE 024

Date (SOL): 09/01/00

1999/2000 Survey

LineName W00INV194211

Line Heading 009.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	21:10	23:31		
SP Recorded	1125	2540		
SP Chargeable	1125	2540		
SP To Process	1125	2540		
Recorded Files	172	1587		
Tapes System A	30472	30475		
Water Depth	99.0	70.0	Maximum	Minimum
Feather Angle	7.9	-1.7	100.0	69.0
			8.5	-1.6

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	247.3
G1S02	163.8
G1S03	105.5
G1S04	120.1
G1S05	195.5
G1S06	283.1
G1S07	
G1S08	
G2S01	291.5
G2S02	202.7
G2S03	126.2
G2S04	99.4
G2S05	155.9
G2S06	238.5
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.

 Gun depths erratic due to swell. Gun pressure 606 disabled at SP 1937.
 Gun 608 dialled at SP 2116, gun 607 disabled at SP 2170. Gun 607 enabled at SP 2248.
 vol=2210 in³
Manifold Pressure

Min:	1870 psi
Mean:	1950 psi
Max:	1908 psi

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 6,38,50,53,366 fails daily, 40,82,144 noisy	4.9	7.4
02	<input checked="" type="checkbox"/> 111,144,174,353 fails daily, 126 noisy/spiking	4.8	7.1
03	<input checked="" type="checkbox"/> 30,138,281 fails daily 36,219,364 noisy.	4.7	7.3
04	<input checked="" type="checkbox"/> 324, 364 fails daily	5.0	7.1
05	<input checked="" type="checkbox"/> 2,91,113,367 fails daily	4.9	7.9
06	<input checked="" type="checkbox"/> 238,239,366 noisy, 49,62,76,158,241,335,357,363 fails daily	5.3	7.1
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above streamer comments	Min	Max
- Killed	Refer to above streamer comments	Depth	
- Noisy	Refer to above streamer comments		

Comments: Last trace on all streamers erased (368). S2C9 occasionally deep to 8 metres. S5C13 dead. Auto depth editing applied, clipping depths 5 < > 7.

RECORDING

Infill line acquired in two portions, this is the first. Seis. gap between the two portions. Minor swell noise seen on all records. Good streamer control. Misfires 0.33%. Average noise of 3 µbars. Filling hole for far/mid and far coverage.

Noise Figures

Misfires	9	2110,2112,2114,2162,2164,2166,2248,2160,2250 sync errors > ±1.5 msec.
NDRs		
Parities		

SOL	3 µB
EOL	2 µB
Max	3 µB
Avg	3 µB
>10µB	% 0

PROCESSING EDITS

None

SEQUENCE 024

Date (SOL): 10/01/00

1999/2000 Survey

LineName W00INV194211

Line Heading 009.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	00:29	01:36		
SP Recorded	3120	3796		
SP Chargeable	3120	3796		
SP To Process	3120	3796		
Recorded Files	2167	2793		
Tapes System A	30475	30478		
Water Depth	99.0	70.0	Maximum	Minimum
Feather Angle	7.9	-1.7	100.0	69.0
			8.5	-1.6

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	247.3
G1S02	163.8
G1S03	105.5
G1S04	120.1
G1S05	195.5
G1S06	283.1
G1S07	
G1S08	
G2S01	291.5
G2S02	202.7
G2S03	126.2
G2S04	99.4
G2S05	155.9
G2S06	238.5
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments:

Acceptable array performance on line.
 Gun depths erratic due to swell. Gun pressure 606 disabled at SP 1937.
 Gun 608 disabled at SP 2116, gun 607 disabled at SP 2170. Gun 607 enabled at SP 2248.
 vol=2210 in³

Manifold Pressure

Min:	1870 psi
Mean:	1950 psi
Max:	1908 psi

STREAMER

Comments			
01	<input checked="" type="checkbox"/>	6,38,50,53,366 fails daily, 40,82,144 noisy	4.9 7.4
02	<input checked="" type="checkbox"/>	111,144,174,353 fails daily, 126 noisy/spiking	4.8 7.1
03	<input checked="" type="checkbox"/>	30,138,281 fails daily 36,219,364 noisy.	4.7 7.3
04	<input checked="" type="checkbox"/>	324, 364 fails daily	5.0 7.1
05	<input checked="" type="checkbox"/>	2,91,113,367 fails daily	4.9 7.9
06	<input checked="" type="checkbox"/>	238,239,366 noisy, 49,62,76,158,241,335,357,363 fails daily	5.3 7.1
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above streamer comments	Min	Max
- Killed	Refer to above streamer comments	Depth	
- Noisy	Refer to above streamer comments		

Comments:

Last trace on all streamers erased (368). S2C9 occasionally deep to 8 metres. S5C13 dead. Auto depth editing applied, clipping depths 5 < > 7.

RECORDING

Infill line acquired in two portions, this is the second. Seis. gap between the two portions. Minor swell noise seen on all records. Good streamer control. Misfires 0.33%. Average noise of 3 µbars. Filling hole for far/mid and far coverage.

Noise Figures

Misfires	9	2110,2112,2114,2162,2164,2166,2248,2160,2250 sync errors > ±1.5 msec.
NDRs	0	
Parities	0	

SOL	3 µB
EOL	2 µB
Max	3 µB
Avg	3 µB
>10µB	% 0

PROCESSING EDITS

None

SEQUENCE 025

Date (SOL): 10/01/00

1999/2000 Survey

LineName W00INV1858P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	04:22	09:06		
SP Recorded	3701	817		
SP Chargeable	3701	817		
SP To Process	3701	817		
Recorded Files	167	3051		
Tapes System A	30479	30485		
Water Depth	68.0	104.0	Maximum	Minimum
Feather Angle	6.8	-0.7	8.8	-3.1

	Direct	Force
Wind	VAR	F 2
Sea	ENE	F 1
Swell	ENE	1.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	245.4
G1S02	163.0
G1S03	105.9
G1S04	121.1
G1S05	196.5
G1S06	284.4
G1S07	
G1S08	
G2S01	288.9
G2S02	200.9
G2S03	125.1
G2S04	100.9
G2S05	157.5
G2S06	240.4
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.
SP 2135 gun 605 disabled, gun volume=2135 in³

Manifold Pressure	
Min:	1891 psi
Mean:	1942 psi
Max:	1940 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	6,38,50,53,366 fails daily, 40,82,144 noisy	5.3	7.0
02	<input checked="" type="checkbox"/>	111,144,174,353 fails daily, 66,126 noisy/spiking	4.9	7.7
03	<input checked="" type="checkbox"/>	30,138,281 fails daily 36,219,364, 367 noisy.	4.8	7.4
04	<input checked="" type="checkbox"/>	324, 364 fails daily	5.0	7.4
05	<input checked="" type="checkbox"/>	2,91,113,367 fails daily	5.3	7.6
06	<input checked="" type="checkbox"/>	57,103, 238,239,304,366 noisy, 49,62,76,158,241,335,357,363 fails daily	5.1	7.2
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above streamer comments
- Killed: Refer to above streamer comments
- Noisy: Refer to above streamer comments

Comments: Last trace on all streamers erased (368). S5C13 dead. Auto depth editing applied, clipping depths 5<>7.

RECORDING	Noise Figures	
Slight swell noise seen on all records. Good streamer control. Misfires 0.24%. Average noise of 3 µbars. Feather mismatch at SOL mainly far coverage missed, overlapping of near coverage required during line.	SOL	3 µB
Misfires: 7	EOL	2 µB
3510,3508,3506,3504,3502,3500,3496 sync errors > ±1.5 msec.	Max	3 µB
NDRs:	Avg	3 µB
Parities:	>10µB	% 0

PROCESSING EDITS	
	None

SEQUENCE 026

Date (SOL): 10/01/00

1999/2000 Survey

LineName W00INV1978P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	16:24	20:59		
SP Recorded	1001	3757		
SP Chargeable	1001	3757		
SP To Process	1001	3757		
Recorded Files	164	2920		
Tapes System A	30486	30492		
Water Depth	98.5	70.5	Maximum	Minimum
Feather Angle	-3.6	0.6	-3.9	0.3

	Direct	Force
Wind	SE	F 2
Sea	VAR	F 1
Swell	E	1.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	247.2
G1S02	163.7
G1S03	105.5
G1S04	120.8
G1S05	196.1
G1S06	283.6
G1S07	
G1S08	
G2S01	292.3
G2S02	203.4
G2S03	126.9
G2S04	99.4
G2S05	155.4
G2S06	237.8
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.
SP 2282 gun 605 disabled. Vol=2135 in³

Manifold Pressure	
Min:	1890 psi
Mean:	1960 psi
Max:	1940 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/> 6,38,50,53,366 fails daily, 40,82,144 noisy	5.1	7.1
02	<input checked="" type="checkbox"/> 111,144,174,353 fails daily, 66,126 noisy/spiking	4.9	7.5
03	<input checked="" type="checkbox"/> 30,138,281 fails daily 36,219,364, 367 noisy.	4.9	7.2
04	<input checked="" type="checkbox"/> 324, 364 fails daily	5.1	7.1
05	<input checked="" type="checkbox"/> 2,91,113,367 fails daily	4.7	7.4
06	<input checked="" type="checkbox"/> 238,239 noisy, 49,62,76,158,241,335,357,363,366 fails daily	4.9	7.3
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above streamer comments
- Killed: Refer to above streamer comments
- Noisy: Refer to above streamer comments

Comments: Last trace on all streamers erased (368). Auto depth editing applied, clipping depths 5<>7.

RECORDING		Noise Figures
	Good streamer control. Misfires 0.14%. Average noise of 2 μbars.	SOL 2 μB
		EOL 2 μB
Misfires	4 2274,2276,2278,2280 sync errors > ±1.5 msec.	Max 2 μB
NDRs		Avg 2 μB
Parities		>10μB % 0

PROCESSING EDITS	
	None

SEQUENCE 027

Date (SOL): 11/01/00

1999/2000 Survey

LineName W00INV1978I1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather															
Recording Time	02:47	04:13	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SE</td> <td>F 2</td> </tr> <tr> <td>Sea</td> <td>SE</td> <td>F 1</td> </tr> <tr> <td>Swell</td> <td>SE</td> <td>0.5 m</td> <td></td> <td></td> </tr> </table>			Direct	Force	Wind	SE	F 2	Sea	SE	F 1	Swell	SE	0.5 m		
	Direct	Force																
Wind	SE	F 2																
Sea	SE	F 1																
Swell	SE	0.5 m																
SP Recorded	2039	1177																
SP Chargeable	2039	1177																
SP To Process	2039	1177																
Recorded Files	1701	2564																
Tapes System A	30497	30498	Maximum	Minimum														
Water Depth	72.0	103.0	103.0	71.0														
Feather Angle	1.0	5.0	5.2	-4.2														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	243.5
G1S02	161.0
G1S03	105.0
G1S04	122.1
G1S05	197.8
G1S06	285.4
G1S07	
G1S08	
G2S01	286.5
G2S02	198.2
G2S03	122.7
G2S04	100.3
G2S05	158.3
G2S06	241.2
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

 Comments: Acceptable array performance on line.
 SP 3109 guns 101 & 102 disabled, new vol=1950 in³
Manifold Pressure

Min:	0 psi
Mean:	2014 psi
Max:	1983 psi

STREAMER

Comments			
01	<input checked="" type="checkbox"/>	6,38,50,53,366 fails daily, 40,82,144 noisy	5.1 7.1
02	<input checked="" type="checkbox"/>	111,144,174,353 fails daily, 66,71,126 noisy/spiking	4.8 7.9
03	<input checked="" type="checkbox"/>	30,138,281 fails daily	5.3 7.2
04	<input checked="" type="checkbox"/>	324,364, fails daily tests	5.3 7.0
05	<input checked="" type="checkbox"/>	2,91, 113,367 fails daily tests.	4.3 7.5
06	<input checked="" type="checkbox"/>	49,62,76,158,241,335,357,363,363 daily tests; 238,239 noisy	5.3 7.3
07	<input type="checkbox"/>		0.0
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above streamer comments	Min	Max
- Killed	Refer to above streamer comments	Depth	
- Noisy	Refer to above streamer comments		

Comments: Last trace on all streamers erased (368). Auto depth editing applied, clipping depths 5<>7.

RECORDING

Line shot in two portions, second half as prime reshoot of sequence 21 for fishing interference. The prime portion divided into two segments for accounting purposes to compensate for differences between 8/6 streamers. Good streamer control. Misfires 0.14% for entire line. Average noise of 2 µbars.

Noise Figures

Misfires	3	3115,3113,3111 sync errors > ±1.5 msec.	SOL	2 µB
NDRs	1	856 External header bad.	EOL	2 µB
Parities	0		Max	2 µB
			Avg	2 µB
			>10µB	% 0

PROCESSING EDITS

SPECIAL NOTE: This portion of prime charge accounted for, to compensate for 8/6 km configuration change.

SEQUENCE 027

Date (SOL): 11/01/00

1999/2000 Survey

LineName W00INV1978I1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather															
Recording Time	04:13	04:47	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SE</td> <td>F 2</td> </tr> <tr> <td>Sea</td> <td>SE</td> <td>F 1</td> </tr> <tr> <td>Swell</td> <td>SE</td> <td>0.5 m</td> <td></td> <td></td> </tr> </table>			Direct	Force	Wind	SE	F 2	Sea	SE	F 1	Swell	SE	0.5 m		
	Direct	Force																
Wind	SE	F 2																
Sea	SE	F 1																
Swell	SE	0.5 m																
SP Recorded	1176	817																
SP Chargeable	0	0																
SP To Process	1176	817																
Recorded Files	2565	2923																
Tapes System A	30498	30499	Maximum	Minimum														
Water Depth	72.0	103.0	103.0	71.0														
Feather Angle	1.0	5.0	5.2	-4.2														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	243.5
G1S02	161.0
G1S03	105.0
G1S04	122.1
G1S05	197.8
G1S06	285.4
G1S07	
G1S08	
G2S01	286.5
G2S02	198.2
G2S03	122.7
G2S04	100.3
G2S05	158.3
G2S06	241.2
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Manifold Pressure

Min:	0 psi
Mean:	2014 psi
Max:	1983 psi

 Comments: Acceptable array performance on line.
 SP 3109 guns 101 & 102 disabled, new vol=1950 in³
STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 6,38,50,53,366 fails daily, 40,82,144 noisy	5.1	7.1
02	<input checked="" type="checkbox"/> 111,144,174,353 fails daily, 66,71,126 noisy/spiking	4.8	7.9
03	<input checked="" type="checkbox"/> 30,138,281 fails daily	5.3	7.2
04	<input checked="" type="checkbox"/> 324,364, fails daily tests	5.3	7.0
05	<input checked="" type="checkbox"/> 2,91, 113,367 fails daily tests.	4.3	7.5
06	<input checked="" type="checkbox"/> 49,62,76,158,241,335,357,363,363 daily tests; 238,239 noisy	5.3	7.3
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above streamer comments	Min	Max
- Killed	Refer to above streamer comments	Depth	
- Noisy	Refer to above streamer comments		

Comments: Last trace on all streamers erased (368). Auto depth editing applied, clipping depths 5<>7.

RECORDING

Line shot in two portions, second half as prime reshoot of sequence 21 for fishing interference. The prime portion divided into two segments for accounting purposes to compensate for differences between 8/6 streamers. Good streamer control. Misfires 0.14% for entire line. Average noise of 2 µbars. No charge was attributed to this section for above accounting fix.

Noise Figures

Misfires	3	3115,3113,3111 sync errors > ±1.5 msec.	Max	2 µB
NDRs	1	856 External header bad.	Avg	2 µB
Parities			>10µB	% 0

PROCESSING EDITS

SPECIAL NOTE: Last portion of prime charge for this line not accounted for, to compensate for 8/6 km configuration change.

SEQUENCE 027

Date (SOL): 11/01/00

1999/2000 Survey

LineName W00INV1978I1

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	00:14	02:47	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SE</td> <td>F 2</td> </tr> <tr> <td>Sea</td> <td>SE</td> <td>F 1</td> </tr> <tr> <td>Swell</td> <td>SE</td> <td>0.5 m</td> </tr> </table>			Direct	Force	Wind	SE	F 2	Sea	SE	F 1	Swell	SE	0.5 m
	Direct	Force														
Wind	SE	F 2														
Sea	SE	F 1														
Swell	SE	0.5 m														
SP Recorded	3573	2040														
SP Chargeable	3573	2040														
SP To Process	3573	2040	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>103.0</td> <td>71.0</td> </tr> <tr> <td>Feather Angle</td> <td>5.2</td> <td>-4.2</td> </tr> </table>			Maximum	Minimum	Water Depth	103.0	71.0	Feather Angle	5.2	-4.2			
	Maximum	Minimum														
Water Depth	103.0	71.0														
Feather Angle	5.2	-4.2														
Recorded Files	167	1700														
Tapes System A	30493	30497														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	243.5
G1S02	161.0
G1S03	105.0
G1S04	122.1
G1S05	197.8
G1S06	285.4
G1S07	
G1S08	
G2S01	286.5
G2S02	198.2
G2S03	122.7
G2S04	100.3
G2S05	158.3
G2S06	241.2
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.
SP 3109 guns 101 & 102 disabled, new vol=1950 in³

Manifold Pressure	
Min:	0 psi
Mean:	2014 psi
Max:	1983 psi

STREAMER	Comments		Min	Max
01	<input checked="" type="checkbox"/>	6,38,50,53,366 fails daily, 40,82,144 noisy	5.1	7.1
02	<input checked="" type="checkbox"/>	111,144,174,353 fails daily, 66,71,126 noisy/spiking	4.8	7.9
03	<input checked="" type="checkbox"/>	30,138,281 fails daily	5.3	7.2
04	<input checked="" type="checkbox"/>	324,364, fails daily tests	5.3	7.0
05	<input checked="" type="checkbox"/>	2,91, 113,367 fails daily tests.	4.3	7.5
06	<input checked="" type="checkbox"/>	49,62,76,158,241,335,357,363,363 daily tests; 238,239 noisy	5.3	7.3
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above streamer comments
- Killed: Refer to above streamer comments
- Noisy: Refer to above streamer comments

Comments: Last trace on all streamers erased (368). Auto depth editing applied, clipping depths 5<>7.

RECORDING	Noise Figures	
Line shot in two portions, first half as infill. Good streamer control. Misfires 0.14% for entire line. Average noise of 2 µbars. Mainly acquired for nears, and near-mid coverage.	SOL	2 µB
	EOL	2 µB
Misfires 3 3115,3113,3111 sync errors > ±1.5 msec.	Max	2 µB
NDRs 1 856 External header bad.	Avg	2 µB
Parities	>10µB	% 0

PROCESSING EDITS SPECIAL NOTE: First portion of line accounted as infill coverage.

SEQUENCE 028

Date (SOL): 11/01/00

1999/2000 Survey

LineName W00INV1846P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	08:53	13:35		
SP Recorded	1001	3898		
SP Chargeable	0	0		
SP To Process	1001	3898		
Recorded Files	113	3010		
Tapes System A	30500	30506		
Water Depth	108.8	67.5	Maximum	Minimum
Feather Angle	2.0	3.6	110.5	66.8
			6.7	1.5

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	248.9
G1S02	165.9
G1S03	107.5
G1S04	122.4
G1S05	197.3
G1S06	285.3
G1S07	
G1S08	
G2S01	296.2
G2S02	207.8
G2S03	130.6
G2S04	99.4
G2S05	154.4
G2S06	237.1
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.
Occasionally gun depths erratic due to swell.

Manifold Pressure	
Min:	0 psi
Mean:	1944 psi
Max:	1980 psi

STREAMER	Comments		Min	Max
01	<input checked="" type="checkbox"/>	6,38,50,53,366 fails daily, 40,82,144 noisy	5.3	7.2
02	<input checked="" type="checkbox"/>	111,144,174,353 fails daily, 66,71,126 noisy/spiking	4.8	9.5
03	<input checked="" type="checkbox"/>	30,138,281 fails daily	5.2	7.1
04	<input checked="" type="checkbox"/>	324,364, fails daily tests	5.2	6.9
05	<input checked="" type="checkbox"/>	2,91,113,367 fails daily tests.	4.9	7.1
06	<input checked="" type="checkbox"/>	49,62,76,158,192,241,335,357,363,363 daily tests; 238,239 noisy	5.2	7.4
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above streamer comments
- Killed: Refer to above streamer comments
- Noisy: Refer to above streamer comments

Comments: Last trace on all streamers erased (368). S2C9 bird running deep, trace edit required. Auto depth editing applied, clipping depths 5<>7.

RECORDING	Noise Figures	
Slight wind increase during line. No charge applied to compensate for 8/6 configuration km difference. Good streamer control. Misfires 0.41% for entire line. Average noise of 2 µbars.	SOL	3 µB
	EOL	2 µB
Misfires 12 1548,1550,1552,2678,2680,2682,3398,3400,3402,3816,3818,3820 sync errors > ±1.5 msec.	Max	3 µB
NDRs 1102,1108,1344,1524,1573,1809,1822 bad external header (to be checked by processing)	Avg	2 µB
Parities	>10µB	% 0

PROCESSING EDITS SPECIAL NOTE: No charge applied to compensate for 8/6 configuration km difference.

SEQUENCE 029

Date (SOL): 11/01/00

1999/2000 Survey

LineName W00INV1906R1

Line Heading 189.0 °

Investigator 3D

Line Type: Reshoot

Line Status: Scratched

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	16:32	16:33		
SP Recorded	3650	3637		
SP Chargeable	0	0		
SP To Process	0	0		
Recorded Files	173	181		
Tapes System A	30507	30507		
Water Depth	69.0	71.0	Maximum	Minimum
Feather Angle	-10.5	-11.5	0.0	0.0

	Direct	Force
Wind	ESE	F 5
Sea	ESE	F 4
Swell	ESE	2.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	
G1S02	
G1S03	
G1S04	
G1S05	
G1S06	
G1S07	
G1S08	
G2S01	
G2S02	
G2S03	
G2S04	
G2S05	
G2S06	
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

 Comments: Acceptable array performance on line.
Occasionally gun depths erratic due to swell.

Manifold Pressure

Min:	0 psi
Mean:	1990 psi
Max:	1990 psi

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 6,38,50,53,366 fails daily, 40,82,144 noisy		
02	<input checked="" type="checkbox"/> 111,144,174,353 fails daily, 66,71,126 noisy/spiking		
03	<input checked="" type="checkbox"/> 30,138,281 fails daily		
04	<input checked="" type="checkbox"/> 324,364, fails daily tests		
05	<input checked="" type="checkbox"/> 2,91,113,367 fails daily tests.		
06	<input checked="" type="checkbox"/> 49,62,76,158,192,241,335,357,363,363 daily tests; 238,239 noisy		
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above streamer comments	Min	Max
- Killed	Refer to above streamer comments	Depth	
- Noisy	Refer to above streamer comments		

Comments: Last trace on all streamers erased (368). S2C9 bird running deep, trace edit required. Auto depth editing applied, clipping depths 5<>7.

RECORDING

Line terminated due to port vane wire parted at the fairlead. All data scratched. DNP. Wind ESE 22 knots, swell 2 metres, vessel speed 4.01 knots, and pitch 65%. Completed with sequences 38,39,40.

Noise Figures

Misfires	<input type="checkbox"/>	Max	0 µB
NDRs	<input type="checkbox"/>	Avg	0 µB
Parities	<input type="checkbox"/>	>10µB	% 0

PROCESSING EDITS

SCRATCHED: Terminated due to port vane wire failure. DNP.

SEQUENCE 030

Date (SOL): 17/01/00

1999/2000 Survey

LineName W00INV200211

Line Heading 009.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	11:02	12:59		
SP Recorded	1001	2179		
SP Chargeable	1001	2179		
SP To Process	1001	2179		
Recorded Files	143	1321		
Tapes System A	30508	30510		
Water Depth	96.0	83.0	Maximum	Minimum
Feather Angle	-0.6	4.1	99.0	82.0
			4.2	-0.8

	Direct	Force
Wind	SE	F 4
Sea	SE	F 2
Swell	SE	1.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	257.5
G1S02	176.6
G1S03	126.1
G1S04	146.4
G1S05	208.5
G1S06	293.0
G1S07	
G1S08	
G2S01	303.3
G2S02	215.6
G2S03	144.7
G2S04	126.5
G2S05	167.5
G2S06	245.3
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line. Occasionally gun depths erratic due to swell.

Manifold Pressure	
Min:	1890 psi
Mean:	1954 psi
Max:	1960 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	366 fails daily, 337 noisy.	5.1	7.1
02	<input checked="" type="checkbox"/>	111 fails daily 66 noisy	4.8	8.2
03	<input checked="" type="checkbox"/>	30 fails daily	4.8	8.3
04	<input checked="" type="checkbox"/>	364 fails daily	5.1	7.6
05	<input checked="" type="checkbox"/>	110, 367 fails daily tests. 254,288 noisy	4.7	7.4
06	<input checked="" type="checkbox"/>	304 daily tests, 238,239 noisy.	4.9	7.6
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above streamer comments
- Killed: Refer to above streamer comments
- Noisy: Refer to above streamer comments

Comments: Last trace on all streamers erased (368). Auto depth editing applied, clipping depths 5<>7. High frontend strumn noted on starboard vane.10-15 µbars. Port vane OK. S3C1 no comms.

RECORDING	Noise Figures	
Infill line acquired to completed coverage in all groups missed during reshoot pass through area. Above average frontend strum noted on streamer 1 (5-10µbars) , due to new 100 metres tow rope on vane, port side OK. Good streamer control. Random swell noise noted on records throughout line. Misfires 0.68% for entire line. Average noise of 5 µbars.	SOL	5 µB
Misfires 8	EOL	6 µB
1321,1355,1561,1605,1633,1779,1791,2049 sync errors > ±1.5 msec.	Max	6 µB
NDRs	Avg	5 µB
Parities	>10µB	% 14

PROCESSING EDITS	
None	

SEQUENCE 031

Date (SOL): 26/01/00

1999/2000 Survey

LineName W00INV1918R1

Line Heading 009.0 °

Investigator 3D

Line Type: Reshoot

Line Status: Scratched

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	: 07:36	: 07:47		
SP Recorded	: 1001	: 1113		
SP Chargeable	: 0	: 0		
SP To Process	: 0	: 0		
Recorded Files	:	:		
Tapes System A	: 30511	: 30511	Maximum	Minimum
Water Depth	:	:		
Feather Angle	:	:		

Wind	Direct	Force
	SE	F 3
Sea	SE	F 3
Swell	SE	2.3 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	
G1S02	
G1S03	
G1S04	
G1S05	
G1S06	
G1S07	
G1S08	
G2S01	
G2S02	
G2S03	
G2S04	
G2S05	
G2S06	
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Manifold Pressure

Min:	1890 psi
Mean:	1954 psi
Max:	1960 psi

Comments: Acceptable array performance on line.
Occasionally gun depths erratic due to swell.

STREAMER

Comments		
01	<input checked="" type="checkbox"/>	
02	<input checked="" type="checkbox"/>	
03	<input checked="" type="checkbox"/>	
04	<input checked="" type="checkbox"/>	
05	<input checked="" type="checkbox"/>	
06	<input checked="" type="checkbox"/>	
07	<input checked="" type="checkbox"/>	
08	<input checked="" type="checkbox"/>	

Traces:

- Weak	Refer to above streamer comments	Min	Max
- Killed	Refer to above streamer comments	Depth	
- Noisy	Refer to above streamer comments		

Comments:

--

RECORDING

Forced to abandon - disabled fishing boat ahead on the line - unable to clear safely. Completed with seq. 34.

Noise Figures

 Misfires

 NDRs

 Parities

SOL	
EOL	
Max	
Avg	0 µB
>10µB	

PROCESSING EDITS

SCRATCHED: All data scratched not to be processed.

SEQUENCE 032

Date (SOL): 26/01/00

1999/2000 Survey

LineName W00INV1918R2

Line Heading 009.0 °

Investigator 3D

Line Type: Reshoot

Line Status: Scratched

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	: 14:25	: 14:53		
SP Recorded	: 1001	: 1282		
SP Chargeable	: 0	: 0		
SP To Process	: 0	: 0		
Recorded Files	:	:		
Tapes System A	: 30512	: 30513	Maximum	Minimum
Water Depth	:	:		
Feather Angle	:	:		

	Direct	Force
Wind	SE	F 5
Sea	SE	F 5
Swell	SE	3.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	
G1S02	
G1S03	
G1S04	
G1S05	
G1S06	
G1S07	
G1S08	
G2S01	
G2S02	
G2S03	
G2S04	
G2S05	
G2S06	
G2S07	
G2S08	

SOURCE	01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
	02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots
Comments:			

Manifold Pressure	
Min:	
Mean:	
Max:	

STREAMER	Comments		Min	Max
01	<input checked="" type="checkbox"/>			
02	<input checked="" type="checkbox"/>			
03	<input checked="" type="checkbox"/>			
04	<input checked="" type="checkbox"/>			
05	<input checked="" type="checkbox"/>			
06	<input checked="" type="checkbox"/>			
07	<input checked="" type="checkbox"/>			
08	<input checked="" type="checkbox"/>			

Traces:		Min	Max
- Weak	Refer to above streamer comments	Depth	
- Killed	Refer to above streamer comments		
- Noisy	Refer to above streamer comments		
Comments:			

RECORDING	Line scratched due to excessive swell noise and inability to maintain streamer depths. Completed with seq 34.	Noise Figures	
Misfires		SOL	
NDRs		EOL	
Parities		Max	
		Avg	0 µB
		>10µB	

PROCESSING EDITS	SCRATCHED: All data scratched not to be processed.
-------------------------	--

SEQUENCE 033

Date (SOL): 28/01/00

1999/2000 Survey

LineName W00INV2026I2

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	21:45	22:39	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SE</td> <td>F 4</td> </tr> <tr> <td>Sea</td> <td>SE</td> <td>F 4</td> </tr> <tr> <td>Swell</td> <td>SE</td> <td>2.5 m</td> </tr> </table>			Direct	Force	Wind	SE	F 4	Sea	SE	F 4	Swell	SE	2.5 m
	Direct	Force														
Wind	SE	F 4														
Sea	SE	F 4														
Swell	SE	2.5 m														
SP Recorded	1350	817														
SP Chargeable	1350	817														
SP To Process	1350	817	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>100.0</td> <td>93.0</td> </tr> <tr> <td>Feather Angle</td> <td>10.0</td> <td>3.0</td> </tr> </table>			Maximum	Minimum	Water Depth	100.0	93.0	Feather Angle	10.0	3.0			
	Maximum	Minimum														
Water Depth	100.0	93.0														
Feather Angle	10.0	3.0														
Recorded Files	140	673														
Tapes System A	30514	30515														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	268.4
G1S02	181.5
G1S03	128.8
G1S04	140.9
G1S05	207.5
G1S06	294.2
G1S07	
G1S08	
G2S01	309.8
G2S02	217.6
G2S03	146.5
G2S04	122.2
G2S05	169.7
G2S06	250.7
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.

Manifold Pressure	
Min:	1955 psi
Mean:	1955 psi
Max:	1970 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	57, 337 spiking, 209 noisy, 148 ow amp, 158, 159, 160 dead	5.9	7.5
02	<input checked="" type="checkbox"/>	111 low amplituded	4.7	7.4
03	<input checked="" type="checkbox"/>	317 spiking	4.9	7.6
04	<input checked="" type="checkbox"/>		4.8	7.7
05	<input checked="" type="checkbox"/>	254 spiking	4.5	7.5
06	<input checked="" type="checkbox"/>	164 spiking, 238 noisy, 304 dead	4.6	7.4
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
Line acquired with 6 streamers - 12 CDP columns.

RECORDING	Noise Figures	
Random swell noise bursts observed. Cable depth contol marginal in large swell conditions. Incorrect name should have been 202611.	SOL	5 µB
	EOL	3 µB
Misfires: 3 SP 1344, 1342, 1340 edited.	Max	7 µB
NDRs: 0	Avg	4 µB
Parities: 0	>10µB	

PROCESSING EDITS

SEQUENCE 034

Date (SOL): 29/01/00

1999/2000 Survey

LineName W00INV1918R3

Line Heading 009.0 °

Investigator 3D

Line Type: Reshoot

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	01:47	06:22	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SE</td> <td>F 4</td> </tr> <tr> <td>Sea</td> <td>SE</td> <td>F 4</td> </tr> <tr> <td>Swell</td> <td>SE</td> <td>2.7 m</td> </tr> </table>			Direct	Force	Wind	SE	F 4	Sea	SE	F 4	Swell	SE	2.7 m
	Direct	Force														
Wind	SE	F 4														
Sea	SE	F 4														
Swell	SE	2.7 m														
SP Recorded	1001	3821														
SP Chargeable	0	0	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td></td> <td>98.0</td> <td>67.0</td> </tr> </table>			Maximum	Minimum		98.0	67.0						
	Maximum	Minimum														
	98.0	67.0														
SP To Process	1001	3821														
Recorded Files	119	2934	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td></td> <td>98.0</td> <td>67.0</td> </tr> <tr> <td></td> <td>-2.5</td> <td>0.0</td> </tr> </table>			Maximum	Minimum		98.0	67.0		-2.5	0.0			
	Maximum	Minimum														
	98.0	67.0														
	-2.5	0.0														
Tapes System A	30516	30522														
Water Depth	98.0	67.0	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td></td> <td>98.0</td> <td>67.0</td> </tr> </table>			Maximum	Minimum		98.0	67.0						
	Maximum	Minimum														
	98.0	67.0														
Feather Angle	-2.5	1.9														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	262.8
G1S02	177.3
G1S03	128.5
G1S04	143.9
G1S05	212.9
G1S06	299.8
G1S07	
G1S08	
G2S01	306.5
G2S02	214.9
G2S03	145.5
G2S04	123.1
G2S05	172.4
G2S06	253.4
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

 Comments: Acceptable array performance on line.
5 misfires edited on line.

Manifold Pressure

Min:	1955 psi
Mean:	1955 psi
Max:	1970 psi

STREAMER

Comments			
01	<input checked="" type="checkbox"/>	366, 148, 158, 59 160 fail daily harmonic distortion tests.	5.9 7.5
02	<input checked="" type="checkbox"/>	111 low amplitude	4.7 7.4
03	<input checked="" type="checkbox"/>	30 fails daily tests	4.9 7.6
04	<input checked="" type="checkbox"/>		4.8 7.7
05	<input checked="" type="checkbox"/>	254 , 81 spiking, 110 fails daily tests	4.5 7.5
06	<input checked="" type="checkbox"/>	304 fails daily tests, 57, 164 spiking	4.6 7.4
07	<input type="checkbox"/>		0.0 0.0
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

 Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
Line acquired with 6 streamers - 12 CDP columns.

RECORDING

 Line acquired with 6 streamers - 12 CDP columns.
Reshoot of sequence 12 not accepted due to excessive swell noise. This portion was acquired as weather downtime and the SP have not been charged. random swell noise. Cable depths erratic due to large swells in the region.

Noise Figures

Misfires	5	2565,2548, 2514, 1142, 1077 timing errors edited	Max	7 µB
NDRs	0		Avg	0 µB
Parities	0		>10µB	% 0

PROCESSING EDITS

SEQUENCE 035

Date (SOL): 29/01/00

1999/2000 Survey

LineName W00INV203811

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	10:20	11:08		
SP Recorded	3420	2952		
SP Chargeable	3420	2952		
SP To Process	3420	2952		
Recorded Files	148	523		
Tapes System A	30523	30524		
Water Depth	72.0	75.0	Maximum	Minimum
Feather Angle	8.2	0.0	8.2	0.0

	Direct	Force
Wind	SE	F 5
Sea	SE	F 5
Swell	SE	2.8 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	266.5
G1S02	181.3
G1S03	131.3
G1S04	141.4
G1S05	209.3
G1S06	296.7
G1S07	
G1S08	
G2S01	307.1
G2S02	216.1
G2S03	147.5
G2S04	121.8
G2S05	171.0
G2S06	253.1
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.

Manifold Pressure	
Min:	1955 psi
Mean:	1955 psi
Max:	1950 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	366, 148, 158, 59 160 fail daily harmonic distortion tests.	4.7	7.5
02	<input checked="" type="checkbox"/>	111 low amplitude	4.7	7.4
03	<input checked="" type="checkbox"/>	30 fails daily tests	4.9	7.6
04	<input checked="" type="checkbox"/>		4.8	7.7
05	<input checked="" type="checkbox"/>	254 spiking, 110 fails daily tests	4.5	7.5
06	<input checked="" type="checkbox"/>	304 fails daily tests	4.6	7.4
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
Line acquired with 6 streamers - 12 CDP columns.

RECORDING		Noise Figures
	Erratic cable depths caused by large swell and sea state. Cable 5 depth control bad from SOL to SP 3045 to be edited from data.	SOL 8 µB
		EOL 7 µB
Misfires	0	Max 11 µB
NDRs	0	Avg 7 µB
Parities	0	>10µB % 0

PROCESSING EDITS: TRACE EDIT: S5 edited from SOL-SP3045.

SEQUENCE 036

Date (SOL): 29/01/00

1999/2000 Survey

LineName W00INV1930R1

Line Heading 189.0 °

Investigator 3D

Line Type: Reshoot

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	12:57	13:01		
SP Recorded	1913	1877		
SP Chargeable	0	0		
SP To Process	1913	1877		
Recorded Files	127	173		
Tapes System A	30525	30525		
Water Depth	88.0	90.0	Maximum	Minimum
Feather Angle	-0.6	3.0	90.0	88.0
			3.0	0.0

	Direct	Force
Wind	SE	F 5
Sea	SE	F 5
Swell	SE	2.8 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	262.8
G1S02	177.3
G1S03	128.5
G1S04	143.9
G1S05	212.9
G1S06	299.8
G1S07	
G1S08	
G2S01	306.5
G2S02	214.9
G2S03	145.5
G2S04	123.1
G2S05	172.4
G2S06	253.4
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.

Manifold Pressure

Min:	1950 psi
Mean:	1960 psi
Max:	1960 psi

STREAMER

Comments			
01	<input checked="" type="checkbox"/>	366, 148, 158, 59 160 fail daily harmonic distortion tests.	4.7 7.5
02	<input checked="" type="checkbox"/>	111, 126, 66 fail daily tests.	4.7 7.4
03	<input checked="" type="checkbox"/>	136, 317, 138 fail daily tests	4.9 7.6
04	<input checked="" type="checkbox"/>	364 fail daily tests	4.8 7.7
05	<input checked="" type="checkbox"/>	110, 265 fail daily tests. 254 spiking	4.5 7.5
06	<input checked="" type="checkbox"/>	103, 304, 357, 70 fail daily tests	4.6 7.4
07	<input type="checkbox"/>		0.0
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

 Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
 Line acquired with 6 streamers - 12 CDP columns.

RECORDING

 Line acquired with 6 streamers - 12 CDP columns.
 Non-chargeable reshoot of data not recorded during sequence 3 due to a MSX recording system hang-up on line.

Noise Figures

Misfires	0	Max	16 µB
NDRs	0	Avg	8 µB
Parities	0	>10µB	

PROCESSING EDITS

SEQUENCE 037

Date (SOL): 29/01/00

1999/2000 Survey

LineName W00INV184611

Line Heading 009.0 °

Investigator 3D

Line Type: Infill

Line Status: Scratched

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time :	16:25	17:33		
SP Recorded :	0	0		
SP Chargeable :	0	0		
SP To Process :	0	0		
Recorded Files :				
Tapes System A :	30526	30527	Maximum	Minimum
Water Depth :				
Feather Angle :				

	Direct	Force
Wind	SE	F 5
Sea	SE	F 5
Swell	SE	2.8 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	258.2
G1S02	173.3
G1S03	125.6
G1S04	142.5
G1S05	213.0
G1S06	300.6
G1S07	0.0
G1S08	0.0
G2S01	300.1
G2S02	209.0
G2S03	140.7
G2S04	121.6
G2S05	173.4
G2S06	255.7
G2S07	0.0
G2S08	0.0

SOURCE	01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
	02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots
Comments:	Acceptable array performance on line.		

Manifold Pressure	
Min:	1950 psi
Mean:	1960 psi
Max:	1960 psi

STREAMER	Comments		Min	Max
01	<input checked="" type="checkbox"/>	366, 148, 158, 59 160 fail daily harmonic distortion tests.	4.7	7.5
02	<input checked="" type="checkbox"/>	111, 126, 66 fail daily tests.	4.7	7.4
03	<input checked="" type="checkbox"/>	136, 317, 138 fail daily tests	4.9	7.6
04	<input checked="" type="checkbox"/>	364 fail daily tests	4.8	7.7
05	<input checked="" type="checkbox"/>	110, 265 fail daily tests. 254 spiking	4.5	7.5
06	<input checked="" type="checkbox"/>	103, 304, 357, 70 fail daily tests	4.6	7.4
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			

Traces:		Min	Max
- Weak	Refer to above comments	Depth	
- Killed	Refer to above comments		
- Noisy	Refer to above comments		
Comments:	Automatic depth editing range below 4.5 metres and above 7.5 metres Line acquired with 6 streamers - 12 CDP columns.		

RECORDING	Line acquired with 6 streamers - 12 CDP columns. All data scratched due to excessive swell noise and poor cable depth control. Completed with seq 57.	Noise Figures
		SOL
		EOL
Misfires	0	Max
NDRs	0	Avg
Parities	0	>10µB

PROCESSING EDITS	SCRATCHED: DO NOT PROCESS.
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SEQUENCE 038

Date (SOL): 29/01/00

1999/2000 Survey

LineName W00INV1906R2

Line Heading 189.0 °

Investigator 3D

Line Type: Reshoot

Line Status: Scratched

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	: 23:24	: 01:09		
SP Recorded	: 0	: 0		
SP Chargeable	: 0	: 0		
SP To Process	: 0	: 0		
Recorded Files	: 117	: 917		
Tapes System A	: 30528	: 30530		
Water Depth	: 70.0	: 83.0	Maximum	Minimum
Feather Angle	: 6.6	: 1.3	83.0	70.0
			6.6	0.0

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	
G1S02	
G1S03	
G1S04	
G1S05	
G1S06	
G1S07	
G1S08	
G2S01	
G2S02	
G2S03	
G2S04	
G2S05	
G2S06	
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.

Manifold Pressure

Min: 1950 psi

Mean: 1960 psi

Max: 1960 psi

STREAMER

Comments			
01	<input checked="" type="checkbox"/>	366, 148, 158, 59 160 fail daily harmonic distortion tests.	4.7 7.5
02	<input checked="" type="checkbox"/>	111, 126, 66 fail daily tests.	4.7 7.4
03	<input checked="" type="checkbox"/>	136, 317, 138 fail daily tests	4.9 7.6
04	<input checked="" type="checkbox"/>	364 fail daily tests	4.8 7.7
05	<input checked="" type="checkbox"/>	110, 265 fail daily tests. 254 spiking	4.5 7.5
06	<input checked="" type="checkbox"/>	103, 304, 357, 70 fail daily tests	4.6 7.4
07	<input type="checkbox"/>		0.0 0.0
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above comments

- Killed: Refer to above comments

- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
Line acquired with 6 streamers - 12 CDP columns.

RECORDING

Line acquired with 6 streamers - 12 CDP columns.
Line continued after midnight but will be assessed by OBP for swell noise.
On revision all data scratched due to noise and poor depth control due to swell. Completed with seq 39 & 40.

Noise Figures

SOL:

EOL:

Max:

Avg: 0 µB

>10µB:

Misfires: 0

NDRs: 0

Parities: 0

PROCESSING EDITS

SCRATCHED: DO NOT PROCESS.

SEQUENCE 039

Date (SOL): 30/01/00

1999/2000 Survey

LineName W00INV1906R3

Line Heading 189.0 °

Investigator 3D

Line Type: Reshoot

Line Status: Scratched

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	: 07:57	: 08:17		
SP Recorded	: 0	: 0		
SP Chargeable	: 0	: 0		
SP To Process	: 0	: 0		
Recorded Files	: 113	: 314		
Tapes System A	: 30531	: 30531	Maximum	Minimum
Water Depth	: 0.0			
Feather Angle	:			

Wind	Direct	Force
	SE	F 2
Sea	SE	F 2
Swell	SE	4.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	
G1S02	
G1S03	
G1S04	
G1S05	
G1S06	
G1S07	
G1S08	
G2S01	
G2S02	
G2S03	
G2S04	
G2S05	
G2S06	
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.

Manifold Pressure

Min:	1950 psi
Mean:	1960 psi
Max:	1960 psi

STREAMER

Comments			
01	<input checked="" type="checkbox"/>	366, 148, 158, 59 160 fail daily harmonic distortion tests.	4.7 7.5
02	<input checked="" type="checkbox"/>	111, 126, 66 fail daily tests.	4.7 7.4
03	<input checked="" type="checkbox"/>	136, 317, 138 fail daily tests	4.9 7.6
04	<input checked="" type="checkbox"/>	364 fail daily tests	4.8 7.7
05	<input checked="" type="checkbox"/>	110, 265 fail daily tests. 254 spiking	4.5 7.5
06	<input checked="" type="checkbox"/>	103, 304, 357, 70 fail daily tests	4.6 7.4
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

 Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
 Line acquired with 6 streamers - 12 CDP columns.

RECORDING

 Line acquired with 6 streamers - 12 CDP columns.
 Line continued after midnight but will be assessed by OBP for swell noise. Data not accepted due to noise and poor cable depth control caused by large swell. Completed with seq 40.

Noise Figures

Misfires	0		Max	
NDRs	0		Avg	0 µB
Parities	0		>10µB	

PROCESSING EDITS

SCRATCHED: DO NOT PROCESS.

SEQUENCE 040

Date (SOL): 31/01/00

1999/2000 Survey

LineName W00INV1906R4

Line Heading 189.0 °

Investigator 3D

Line Type: Reshoot

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	06:06	10:46		
SP Recorded	3650	817		
SP Chargeable	0	0		
SP To Process	0	0		
Recorded Files	131	2961		
Tapes System A	30532	30538		
Water Depth	70.0	102.0	Maximum	Minimum
Feather Angle	1.3	-6.2	-6.2	0.0

	Direct	Force
Wind	SE	F 2
Sea	SE	F 2
Swell	SE	3.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	261.3
G1S02	173.9
G1S03	125.6
G1S04	149.0
G1S05	212.4
G1S06	300.9
G1S07	
G1S08	
G2S01	303.5
G2S02	210.5
G2S03	141.7
G2S04	129.3
G2S05	172.9
G2S06	255.9
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Manifold Pressure

Min:	1950 psi
Mean:	1960 psi
Max:	1950 psi

Comments: Acceptable array performance on line.
SP 2582, 1151, 1015 lost shots due to vessel speed on line.

STREAMER

Comments			
01	<input checked="" type="checkbox"/>	366, 148, 158, 59 160 fail daily harmonic distortion tests.	4.7 7.5
02	<input checked="" type="checkbox"/>	111 fail daily tests. 184, 192 spiking.	4.7 7.4
03	<input checked="" type="checkbox"/>	30 fail daily tests. 282 spiking	4.9 7.6
04	<input checked="" type="checkbox"/>		4.8 7.7
05	<input checked="" type="checkbox"/>	110 fail daily tests. 81, 254, 288 spiking	4.5 7.5
06	<input checked="" type="checkbox"/>	103, 304, 357, 70 fail daily tests	4.6 7.4
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
Line acquired with 6 streamers - 12 CDP columns.
fluctuating cable depths throughout the line.

RECORDING

Reshoot of an earlier sequence not accepted due to swell noise and erratic cable depths caused by the swell.
cable 1 bird 16 no communications, cable 2 bird 8 no communications.

Noise Figures

Misfires	0	SOL	8 µB
NDRs	3	EOL	10 µB
Parities	0	Max	8 µB
		Avg	0 µB
		>10µB	

PROCESSING EDITS

SEQUENCE 041

Date (SOL): 31/01/00

1999/2000 Survey

LineName W00INV191811

Line Heading 009.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	14:02	18:42		
SP Recorded	1001	3821		
SP Chargeable	1001	3821		
SP To Process	1001	3821		
Recorded Files	119	2398		
Tapes System A	30539	30545		
Water Depth	100.0	67.0	Maximum	Minimum
Feather Angle	-5.1	-2.0	-5.1	-2.0

	Direct	Force
Wind	SE	F 2
Sea	SE	F 2
Swell	SE	3.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	263.1
G1S02	176.1
G1S03	122.9
G1S04	146.3
G1S05	209.2
G1S06	295.6
G1S07	
G1S08	
G2S01	304.8
G2S02	212.4
G2S03	140.3
G2S04	127.5
G2S05	170.7
G2S06	251.5
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.
6 misfires logged. SP 2272 gun string 6 low pressure for 1 shot.
SP 2866 gun 601, 602 disabled - volume to end of line 1950 cu in

Manifold Pressure	
Min:	1950 psi
Mean:	1955 psi
Max:	1950 psi

STREAMER	Comments			Min	Max
01	<input checked="" type="checkbox"/>	149, 158, 159, 160, 366 fail daily tests. 57, 68, 166 spiking.		4.7	7.5
02	<input checked="" type="checkbox"/>	111, 126 fail daily tests. 79 spiking		4.7	7.4
03	<input checked="" type="checkbox"/>	317, 138 fail daily tests		4.9	7.6
04	<input checked="" type="checkbox"/>	344, 364 fail daily tests		4.8	7.7
05	<input checked="" type="checkbox"/>	110, 254 fail daily tests. 10, 290 spiking		4.5	7.5
06	<input checked="" type="checkbox"/>	103, 304, 357 fail daily tests. 238 spiking		4.6	7.4
07	<input type="checkbox"/>				
08	<input type="checkbox"/>				

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
Line acquired with 6 streamers - 12 CDP columns.

RECORDING	Infill acquisition complete. Some swell noise evident and depth control was affected throughout by the swell - acceptable coverage.		Noise Figures	
Misfires	6	2508, 2730, 2782, 2786, 2858	SOL	6 µB
NDRs			EOL	8 µB
Parities			Max	10 µB
			Avg	0 µB
			> 10µB	

PROCESSING EDITS

SEQUENCE 042

Date (SOL): 31/01/00

1999/2000 Survey

LineName W00INV1894I2

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Incomplete

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	23:26	02:24		
SP Recorded	3663	1839		
SP Chargeable	3663	1839		
SP To Process	3663	1848		
Recorded Files	118	1942		
Tapes System A	30546	30550		
Water Depth	69.0	93.0	Maximum	Minimum
Feather Angle	9.1	0.5	69.0	93.0
			9.1	0.5

	Direct	Force
Wind	SE	F 2
Sea	SE	F 2
Swell	SE	3.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	261.6
G1S02	177.0
G1S03	128.5
G1S04	147.5
G1S05	212.5
G1S06	299.9
G1S07	
G1S08	
G2S01	301.9
G2S02	211.7
G2S03	144.2
G2S04	128.3
G2S05	174.7
G2S06	257.1
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.

Manifold Pressure

Min:	1950 psi
Mean:	1960 psi
Max:	1950 psi

STREAMER

		Comments		
01	<input checked="" type="checkbox"/>	149, 151, 158, 159, 160, 366 fail daily tests.	4.7	7.5
02	<input checked="" type="checkbox"/>	111, 124 fail daily tests.	4.7	7.4
03	<input checked="" type="checkbox"/>	317, 138 fail daily tests	4.9	7.6
04	<input checked="" type="checkbox"/>	344, 364 fail daily tests	4.8	7.7
05	<input checked="" type="checkbox"/>	110, 254 fail daily tests.	4.5	7.5
06	<input checked="" type="checkbox"/>	103, 304, 357 fail daily tests. 238 spiking	4.6	7.4
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

 Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
 Line acquired with 6 streamers - 12 CDP columns.

RECORDING

 Incomplete - circle due to instrument failure. Tape loading system fault.
 SP 2635 no single trace plot to the end f line.
 Birds: C1-11, C2-8, C5-7, C6-7 inoperative and unreliable taken out of configuration.
 Completed with seq. 43.

Noise Figures

Misfires	0		Max	8 µB
NDRs	0		Avg	0 µB
Parities	0		>10µB	

SOL	8 µB
EOL	10 µB

PROCESSING EDITS

FULL EDIT: LGSP 1839 d/t instrument failure.

SEQUENCE 043

Date (SOL): 01/02/00

1999/2000 Survey

LineName W00INV1894I3

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	08:59	10:38		
SP Recorded	1838	817		
SP Chargeable	1838	817		
SP To Process	1848	817		
Recorded Files	132	1163		
Tapes System A	30551	30553		
Water Depth	92.0	105.0	Maximum	Minimum
Feather Angle	-5.0	-2.5	-5.0	-2.5

	Direct	Force
Wind	NE	F 2
Sea	SE	F 2
Swell	SW	3.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	260.5
G1S02	176.2
G1S03	128.0
G1S04	149.2
G1S05	214.3
G1S06	302.5
G1S07	
G1S08	
G2S01	302.2
G2S02	212.0
G2S03	144.2
G2S04	129.2
G2S05	175.1
G2S06	258.0
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.

Manifold Pressure	
Min:	1950 psi
Mean:	1960 psi
Max:	1950 psi

STREAMER	Comments		Min	Max
01	<input checked="" type="checkbox"/>	149, 151, 158, 159, 160, 366 fail daily tests.	4.7	7.5
02	<input checked="" type="checkbox"/>	111, 124 fail daily tests.	4.7	7.4
03	<input checked="" type="checkbox"/>	317, 138 fail daily tests	4.9	7.6
04	<input checked="" type="checkbox"/>	344, 364 fail daily tests	4.8	7.7
05	<input checked="" type="checkbox"/>	110, 254 fail daily tests.	4.5	7.5
06	<input checked="" type="checkbox"/>	103, 304, 357 fail daily tests. 238 spiking	4.6	7.4
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
Line acquired with 6 streamers - 12 CDP columns.

RECORDING	Noise Figures	
Continuation of the previous infill sequence - now complete with good coverage. Random swell noise bursts and disruptions in cable depth caused by large swell in the area. Single bad birds and depth controllers on cables 1,2,5 and 6.	SOL	8 µB
	EOL	10 µB
Misfires: 0	Max	8 µB
NDRs: 0	Avg	0 µB
Parities: 0	>10µB	

PROCESSING EDITS

SEQUENCE 044

Date (SOL): 01/02/00

1999/2000 Survey

LineName W00INV1666P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	13:32	20:26		
SP Recorded	1001	4988		
SP Chargeable	1001	4988		
SP To Process	1001	4988		
Recorded Files	119	4106		
Tapes System A	30554	30563		
Water Depth	107.0	61.0	Maximum	Minimum
Feather Angle	-1.0	5.1	5.1	0.0

	Direct	Force
Wind	NE	F 2
Sea	SE	F 2
Swell	SW	3.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	271.1
G1S02	183.6
G1S03	129.6
G1S04	144.3
G1S05	206.0
G1S06	291.7
G1S07	
G1S08	
G2S01	311.5
G2S02	219.1
G2S03	147.5
G2S04	126.2
G2S05	168.7
G2S06	249.0
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.
7 single gun timing errors above 1.5m/s logged and flagged for editing.

Manifold Pressure	
Min:	1950 psi
Mean:	1960 psi
Max:	1950 psi

STREAMER	Comments		Min	Max
01	<input checked="" type="checkbox"/>	149, 151, 158, 159, 160, 366 fail daily tests.	5.3	6.9
02	<input checked="" type="checkbox"/>	111, 124, 126 fail daily tests.	5.4	6.5
03	<input checked="" type="checkbox"/>	317, 138 fail daily tests	5.8	6.8
04	<input checked="" type="checkbox"/>	344, 364 fail daily tests	5.3	6.2
05	<input checked="" type="checkbox"/>	110, 254, 265 fail daily tests.	5.5	6.5
06	<input checked="" type="checkbox"/>	70, 103, 304, 357 fail daily tests.	5.1	6.4
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
Line acquired with 6 streamers - 12 CDP columns.

RECORDING		Noise Figures
	Cable 1 depths erratic from SP 2912-3242 - data to be edited. Bad birds at C1-11, C2-8, C5-7, C6-7 acoustic transponder down.	SOL 8 µB
		EOL 10 µB
Misfires	7 1316, 1318, 3736, 4816, 4852, 4966, 4968	Max 8 µB
NDRs	9 2635, 2642, 2736, 2751, 3115, 3148, 3153, 3185, 3187 no data recorded	Avg 0 µB
Parities		>10µB

PROCESSING EDITS

TRACE EDIT: Streamer 1 poor depth control SP 2912-3242

SEQUENCE 045

Date (SOL): 01/02/00

1999/2000 Survey

LineName W00INV1834P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	22:52	05:08	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>E</td> <td>F 2</td> </tr> <tr> <td>Sea</td> <td>E</td> <td>F 2</td> </tr> <tr> <td>Swell</td> <td>ENE</td> <td>1.5 m</td> </tr> </table>			Direct	Force	Wind	E	F 2	Sea	E	F 2	Swell	ENE	1.5 m
	Direct	Force														
Wind	E	F 2														
Sea	E	F 2														
Swell	ENE	1.5 m														
SP Recorded	4637	817														
SP Chargeable	4637	817	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>103.0</td> <td>64.0</td> </tr> <tr> <td>Feather Angle</td> <td>9.0</td> <td>8.3</td> </tr> </table>			Maximum	Minimum	Water Depth	103.0	64.0	Feather Angle	9.0	8.3			
	Maximum	Minimum														
Water Depth	103.0	64.0														
Feather Angle	9.0	8.3														
SP To Process	4637	817														
Recorded Files	121	3941														
Tapes System A	39564	30572														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	261.9
G1S02	178.0
G1S03	128.0
G1S04	146.8
G1S05	211.4
G1S06	298.0
G1S07	
G1S08	
G2S01	303.2
G2S02	213.6
G2S03	144.2
G2S04	127.5
G2S05	172.7
G2S06	253.9
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Manifold Pressure

Min:	1950 psi
Mean:	1960 psi
Max:	1950 psi

Comments: Acceptable array performance on line.
8 single gun timing errors above 1.5m/s logged and flagged for editing.

STREAMER

Comments			
01	<input checked="" type="checkbox"/>	149, 151, 158, 159, 160, 366 fail daily tests. 57,146.68 noisy and spiking	5.3 6.9
02	<input checked="" type="checkbox"/>	111, 124, 126 fail daily tests.	5.4 6.5
03	<input checked="" type="checkbox"/>	317, 138 fail daily tests	5.8 6.8
04	<input checked="" type="checkbox"/>	344, 364 fail daily tests. 141 noisy	5.3 6.2
05	<input checked="" type="checkbox"/>	110, 254, 265 fail daily tests. 71, 81, 82, 254 slightly noisy	5.5 6.5
06	<input checked="" type="checkbox"/>	70, 103, 304, 357 fail daily tests. 164, 238, 239 noisy	5.1 6.4
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
Line acquired with 6 streamers - 12 CDP columns.

RECORDING

Line complete - fair cable balance and control. Tail buoy 5 no RGPS data. Compass 1108 and 1208 dead.
Bird Compass C1-18, C2-8 inoperative. Acoustic C6-7 inoperative.

Noise Figures

Misfires 6 3404, 3402, 2384, 2382, 1928, 946

NDRs 0

Parities 0

SOL	8 µB
EOL	10 µB
Max	8 µB
Avg	0 µB
>10µB	

PROCESSING EDITS

SEQUENCE 046

Date (SOL): 02/02/00

1999/2000 Survey

LineName W00INV1654P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	07:18	14:00		
SP Recorded	1001	5000		
SP Chargeable	1001	5000		
SP To Process	1001	5000		
Recorded Files	131	4121		
Tapes System A	30573	30581		
Water Depth	106.0	60.5	Maximum	Minimum
Feather Angle	-2.0	4.0	106.0	60.5
			4.0	-2.0

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	262.8
G1S02	178.7
G1S03	128.8
G1S04	147.4
G1S05	211.3
G1S06	298.6
G1S07	
G1S08	
G2S01	305.0
G2S02	215.0
G2S03	146.0
G2S04	128.2
G2S05	172.4
G2S06	254.1
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Manifold Pressure

Min:	1950 psi
Mean:	1960 psi
Max:	1950 psi

Comments: Acceptable array performance on line.
12 single gun timing errors above 1.5m/s logged and flagged for editing.
9 shots lost due to vessel speed.

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 149, 151, 158, 159 ,160 , 366 fail daily tests. 57,146,68 noisy and spiking	5.3	6.9
02	<input checked="" type="checkbox"/> 111, 124 , 126 fail daily tests.	5.4	6.5
03	<input checked="" type="checkbox"/> 317, 138 fail daily tests	5.8	6.8
04	<input checked="" type="checkbox"/> 344, 364 fail daily tests. 141 noisy	5.3	6.2
05	<input checked="" type="checkbox"/> 110, 254, 265 fail daily tests. 71, 81, 82, 254 slightly noisy	5.5	6.5
06	<input checked="" type="checkbox"/> 70, 103, 304, 357 fail daily tests. 164, 238, 239 noisy	5.1	6.4
07	<input type="checkbox"/>	0.0	0.0
08	<input type="checkbox"/>	0.0	0.0

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
Line acquired with 6 streamers - 12 CDP columns.
Depth Controllers/Compasses: C1-18, C2-8 inoperative.
Acoustics: C6-7 no comms.

RECORDING

11 shots were missed to due vessel speed avoiding passing vessel astern.
Random bursts of weak swell noise. Good balance and control.

Noise Figures

SOL	2 µB
EOL	1 µB
Max	5 µB
Avg	3 µB
> 10µB	

Misfires 12 1272, 1274, 1276, 1292, 1294, 1302, 3784, 3786, 4536, 4538, 4552

NDRs 11 1307, 4598, 4600, 4602, 4604, 4606, 4608, 4611, 4614, 4617, 4620

Parities 0

PROCESSING EDITS

SEQUENCE 047

Date (SOL): 02/02/00

1999/2000 Survey

LineName W00INV1834I1

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	18:39	01:01	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>E</td> <td>F 1</td> </tr> <tr> <td>Sea</td> <td>E</td> <td>F 1</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>0.5 m</td> </tr> </table>			Direct	Force	Wind	E	F 1	Sea	E	F 1	Swell	SW	0.5 m
	Direct	Force														
Wind	E	F 1														
Sea	E	F 1														
Swell	SW	0.5 m														
SP Recorded	4637	817														
SP Chargeable	4637	817														
SP To Process	4637	817	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>103.0</td> <td>64.0</td> </tr> <tr> <td>Feather Angle</td> <td>3.4</td> <td>0.8</td> </tr> </table>			Maximum	Minimum	Water Depth	103.0	64.0	Feather Angle	3.4	0.8			
	Maximum	Minimum														
Water Depth	103.0	64.0														
Feather Angle	3.4	0.8														
Recorded Files	117	3937														
Tapes System A	30582	30590														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	261.4
G1S02	177.0
G1S03	127.9
G1S04	145.1
G1S05	210.2
G1S06	297.3
G1S07	
G1S08	
G2S01	300.3
G2S02	210.5
G2S03	143.0
G2S04	127.4
G2S05	174.3
G2S06	256.4
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.
2 single gun timing errors above 1.5m/s logged and flagged for editing. 19 timing errors logged below 1.5ms.
SP 4590 guns 601/602 disabled. Volume on array 2 1950 cu in.

Manifold Pressure	
Min:	1950 psi
Mean:	1960 psi
Max:	1950 psi

STREAMER	Comments				
01	<input checked="" type="checkbox"/>	149, 151, 158, 159, 160, 366 fail daily tests.	57,146,68 noisy and spiking	5.3	6.9
02	<input checked="" type="checkbox"/>	111, 124, 126 fail daily tests.		5.4	6.5
03	<input checked="" type="checkbox"/>	317, 138 fail daily tests		5.8	6.8
04	<input checked="" type="checkbox"/>	364 fail daily tests.		5.3	6.2
05	<input checked="" type="checkbox"/>	110, 254, fail daily tests.		5.5	6.5
06	<input checked="" type="checkbox"/>	103, 304, 357 fail daily tests.		5.1	6.4
07	<input type="checkbox"/>			0.0	
08	<input type="checkbox"/>				

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
Line acquired with 6 streamers - 12 CDP columns.
Depth Controllers/Compasses: C1-18, C2-8 inoperative.
Acoustics: C6-7 no comms.

RECORDING	Infill line complete - fair coverage. Acceptable cable balance and control.		Noise Figures	
Misfires	2	4592, 4598	SOL	8 µB
NDRs	0		EOL	10 µB
Parities	0		Max	8 µB
			Avg	0 µB
			>10µB	

PROCESSING EDITS

SEQUENCE 048

Date (SOL): 03/02/00

1999/2000 Survey

LineName W00INV1642P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	03:17	09:56		
SP Recorded	1001	5012		
SP Chargeable	1001	5012		
SP To Process	1001	5012		
Recorded Files	132	4142		
Tapes System A	30591	30599		
Water Depth	108.0	62.0	Maximum	Minimum
Feather Angle	0.0	-1.5	-1.5	0.0

	Direct	Force
Wind	SW	F 1
Sea	SW	F 1
Swell	SW	0.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	262.4
G1S02	178.1
G1S03	128.7
G1S04	146.6
G1S05	210.6
G1S06	296.9
G1S07	
G1S08	
G2S01	304.0
G2S02	214.0
G2S03	145.5
G2S04	127.7
G2S05	172.5
G2S06	253.4
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance on line.
 3 single gun timing errors above 1.5m/s logged and flagged for editing.
 19 Timing errors logged but not edited.
 SP 1120 guns 601/602 disabled. Volume on array 2 1950 cu in.

Manifold Pressure	
Min:	1950 psi
Mean:	1960 psi
Max:	1950 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	149, 151, 158, 159, 160, 366 fail daily tests. 57,146,68 noisy and spiking	5.3	6.9
02	<input checked="" type="checkbox"/>	111, 124 fail daily tests.	5.4	6.5
03	<input checked="" type="checkbox"/>	317, 138 fail daily tests. 286 noisy.	5.8	6.8
04	<input checked="" type="checkbox"/>	344, 364 fail daily tests.	5.3	6.2
05	<input checked="" type="checkbox"/>	265110, 254, fail daily tests.	5.5	6.5
06	<input checked="" type="checkbox"/>	103, 304, 357 fail daily tests. 1 spiking, 164, 238, 239 noisy.	5.1	6.4
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			

Traces:		Min	Max
- Weak	Refer to above comments	Depth	
- Killed	Refer to above comments		
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
 Line acquired with 6 streamers - 12 CDP columns.
 Depth Controllers/Compasses: Acceptable.
 Acoustics: Acceptable.

RECORDING Missed 2 shots due to vessel speed. Remainder of the line acceptable. Weak periods of swell noise. Sligh depth fluctuations throughout but acceptable.

Noise Figures	
SOL	2 µB
EOL	2 µB
Max	3 µB
Avg	2 µB
>10µB	

Misfires	3	1114, 1116, 1118
NDRs	2	2422, 1063
Parities	0	

PROCESSING EDITS

SEQUENCE 049

Date (SOL): 03/02/00

1999/2000 Survey

LineName W00INV1822P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Incomplete

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	11:54	15:13	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SW</td> <td>F 1</td> </tr> <tr> <td>Sea</td> <td>SW</td> <td>F 1</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>0.5 m</td> </tr> </table>			Direct	Force	Wind	SW	F 1	Sea	SW	F 1	Swell	SW	0.5 m
	Direct	Force														
Wind	SW	F 1														
Sea	SW	F 1														
Swell	SW	0.5 m														
SP Recorded	4649	2665														
SP Chargeable	4649	2665	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>80.0</td> <td>64.0</td> </tr> <tr> <td>Feather Angle</td> <td>-7.5</td> <td>0.0</td> </tr> </table>			Maximum	Minimum	Water Depth	80.0	64.0	Feather Angle	-7.5	0.0			
	Maximum	Minimum														
Water Depth	80.0	64.0														
Feather Angle	-7.5	0.0														
SP To Process	4649	2665														
Recorded Files	137	2121														
Tapes System A	30600	30604														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	263.7
G1S02	179.2
G1S03	128.4
G1S04	141.9
G1S05	211.0
G1S06	297.4
G1S07	
G1S08	
G2S01	306.4
G2S02	216.4
G2S03	146.6
G2S04	121.6
G2S05	171.8
G2S06	252.7
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Fair array performance up to the end of line. Last Good SP due to gun timing errors 2665
 49 single gun timing errors above 1.5m/s logged and flagged for editing.
 SP 3926 guns 803/804 disabled. SP 3514 guns 803/804 enabled.
 SP 3512 guns 501/602 disabled.

Manifold Pressure	
Min:	1950 psi
Mean:	1950 psi
Max:	1950 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	149, 158, 159 ,160 , 366 fail daily tests. 57,146,68 noisy and spiking	5.3	6.9
02	<input checked="" type="checkbox"/>	111, 124 , 126 fail daily tests.	5.4	6.5
03	<input checked="" type="checkbox"/>	317, 138 fail daily tests. 286 noisy.	5.8	6.8
04	<input checked="" type="checkbox"/>	364 fail daily tests.	5.3	6.2
05	<input checked="" type="checkbox"/>	110, 254, 367 fail daily tests.	5.5	6.5
06	<input checked="" type="checkbox"/>	70, 103, 304, 357 fail daily tests. 1, spiking, 164, 238, 239 noisy.	5.1	6.4
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			

Traces:		Min	Max
- Weak	Refer to above comments	Depth	
- Killed	Refer to above comments		
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
 Line acquired with 6 streamers - 12 CDP columns.
 Depth Controllers/Compasses: Acceptable.
 Acoustics: Acceptable.

RECORDING Line incomplete due to mechanical gun array failure. Completed with seq 50.

Noise Figures	
SOL	2 µB
EOL	2 µB
Max	3 µB
Avg	0 µB
>10µB	

Misfires	49	Refer to original Obs Line Logs
NDRs	0	
Parities	0	

PROCESSING EDITS FULL EDIT: LGSP 2665 due to gun errors.

SEQUENCE 050

Date (SOL): 03/02/00

1999/2000 Survey

LineName W00INV1822P2

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	19:35	22:42		
SP Recorded	2664	817		
SP Chargeable	2664	817		
SP To Process	2664	817		
Recorded Files	115	346		
Tapes System A	3605	30609		
Water Depth	81.0	104.0	Maximum	Minimum
Feather Angle	-5.5	0.5	-5.5	0.0

	Direct	Force
Wind	S	F 2
Sea	S	F 2
Swell	SW	1.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	263.8
G1S02	179.2
G1S03	128.3
G1S04	141.4
G1S05	210.3
G1S06	296.5
G1S07	
G1S08	
G2S01	306.1
G2S02	216.0
G2S03	146.1
G2S04	122.0
G2S05	171.8
G2S06	252.5
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Fair array performance up to the end of line. Random timing errors logged.

Manifold Pressure	
Min:	1950 psi
Mean:	1950 psi
Max:	1950 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	149, 158, 159, 160, 366 fail daily tests. 57,146,68 noisy and spiking	5.3	6.9
02	<input checked="" type="checkbox"/>	111, 124, 126 fail daily tests.	5.4	6.5
03	<input checked="" type="checkbox"/>	317, 138 fail daily tests. 286 noisy.	5.8	6.8
04	<input checked="" type="checkbox"/>	364 fail daily tests.	5.3	6.2
05	<input checked="" type="checkbox"/>	110, 254, 367 fail daily tests.	5.5	6.5
06	<input checked="" type="checkbox"/>	70, 103, 304, 357 fail daily tests. 1, spiking, 164, 238, 239 noisy.	5.1	6.4
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
Line acquired with 6 streamers - 12 CDP columns.
Depth Controllers/Compasses: Acceptable.
Acoustics: Acceptable.

RECORDING		
	Continue and complete line segment after circle for gun array problems. Fair depth control, slight swell noise bursts observed. reel 30609 SP 1160-817, and files 003-346 recovered from the CRS. Completed with sequence 96.	
Misfires	22	Refer to original observers line logs.
NDRs	183	SP 1344-1161 lost shots due to MSX/CRS faults - to be reshot at Western charge
Parities	1	SP 2355 telemetry error on cable 6.

Noise Figures	
SOL	3 µB
EOL	3 µB
Max	3 µB
Avg	3 µB
>10µB	

PROCESSING EDITS FULL EDIT: Tape loading system hangup on line - missed shots 1344-1161. Charged in full.

SEQUENCE 051

Date (SOL): 04/02/00

1999/2000 Survey

LineName W00INV1630P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	01:00	07:43	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SW</td> <td>F 2</td> </tr> <tr> <td>Sea</td> <td>SW</td> <td>F 2</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>1.5 m</td> </tr> </table>			Direct	Force	Wind	SW	F 2	Sea	SW	F 2	Swell	SW	1.5 m
	Direct	Force														
Wind	SW	F 2														
Sea	SW	F 2														
Swell	SW	1.5 m														
SP Recorded	1001	5024														
SP Chargeable	1001	5024														
SP To Process	1001	5024	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>116.0</td> <td>60.0</td> </tr> <tr> <td>Feather Angle</td> <td>3.8</td> <td>-3.0</td> </tr> <tr> <td></td> <td>3.8</td> <td>0.0</td> </tr> </table>			Maximum	Minimum	Water Depth	116.0	60.0	Feather Angle	3.8	-3.0		3.8	0.0
	Maximum	Minimum														
Water Depth	116.0	60.0														
Feather Angle	3.8	-3.0														
	3.8	0.0														
Recorded Files	202	4225														
Tapes System A	30610	30619														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	265.6
G1S02	179.7
G1S03	128.7
G1S04	142.7
G1S05	211.6
G1S06	298.5
G1S07	
G1S08	
G2S01	310.7
G2S02	219.1
G2S03	148.5
G2S04	121.9
G2S05	170.7
G2S06	251.6
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Manifold Pressure

Min:	1950 psi
Mean:	1950 psi
Max:	1950 psi

Comments: Fair array performance up to the end of line. Random timing errors logged.

STREAMER

Comments			
01	<input checked="" type="checkbox"/>	149, 158, 159, 160, 366 fail daily tests. 57,146,68 noisy and spiking	5.3 6.9
02	<input checked="" type="checkbox"/>	111, 124 fail daily tests.	5.4 6.5
03	<input checked="" type="checkbox"/>	317, 138 fail daily tests. 286 noisy.	5.8 6.8
04	<input checked="" type="checkbox"/>	364 fail daily tests.	5.3 6.2
05	<input checked="" type="checkbox"/>	110, 254 fail daily tests.	5.5 6.5
06	<input checked="" type="checkbox"/>	70, 103, 304, 357 fail daily tests. 1, spiking, 164, 238, 239 noisy.	5.1 6.4
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

 Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
 Line acquired with 6 streamers - 12 CDP columns.
 Depth Controllers/Compasses: Acceptable.
 Acoustics: Acceptable.

RECORDING

Line complete - random array timing errors. slight swell noise and front end depth fluctuations.

Noise Figures

SOL	2 µB
EOL	4 µB
Max	5 µB
Avg	4 µB
>10µB	

Misfires 25 Random timing errors - refer to original Obs Logs

NDRs 2 4453, 4454 Header data error

Parities

PROCESSING EDITS

SEQUENCE 052

Date (SOL): 04/02/00

1999/2000 Survey

LineName W00INV1810P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	09:50	16:12	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>NE</td> <td>F 3</td> </tr> <tr> <td>Sea</td> <td>NE</td> <td>F 3</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>2.7 m</td> </tr> </table>			Direct	Force	Wind	NE	F 3	Sea	NE	F 3	Swell	SW	2.7 m
	Direct	Force														
Wind	NE	F 3														
Sea	NE	F 3														
Swell	SW	2.7 m														
SP Recorded	4661	817														
SP Chargeable	4661	817	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>103.0</td> <td>64.0</td> </tr> <tr> <td>Feather Angle</td> <td>3.8</td> <td>1.6</td> </tr> </table>			Maximum	Minimum	Water Depth	103.0	64.0	Feather Angle	3.8	1.6			
	Maximum	Minimum														
Water Depth	103.0	64.0														
Feather Angle	3.8	1.6														
SP To Process	4661	817														
Recorded Files	140	3984														
Tapes System A	30620	30629														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	263.0
G1S02	178.1
G1S03	127.2
G1S04	143.4
G1S05	210.8
G1S06	298.3
G1S07	
G1S08	
G2S01	304.8
G2S02	214.5
G2S03	145.2
G2S04	124.7
G2S05	173.3
G2S06	255.3
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Fair array performance up to the end of line. 22 shots missed due to vessel speed on line. 10 timing/synch errors logged.

Manifold Pressure

Min:	1950 psi
Mean:	1950 psi
Max:	1950 psi

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 149, 158, 159, 160, 366 fail daily tests. 57,146,68 noisy and spiking	5.3	6.9
02	<input checked="" type="checkbox"/> 111, 124 fail daily tests.	5.4	6.5
03	<input checked="" type="checkbox"/> 317, 138 fail daily tests. 286 noisy.	5.8	6.8
04	<input checked="" type="checkbox"/> 364 fail daily tests.	5.3	6.2
05	<input checked="" type="checkbox"/> 110, 254 fail daily tests.	5.5	6.5
06	<input checked="" type="checkbox"/> 70, 103, 304, 357 fail daily tests. 1, spiking, 164, 238, 239 noisy.	5.1	6.4
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
 Line acquired with 6 streamers - 12 CDP columns.
 Depth Controllers/Compasses: Compass 1513 deselected - dead. SP 4063 bird C5-13 no data.
 Acoustics: Acceptable.

RECORDING

Line complete - random array timing errors. slight swell noise and front end depth fluctuations.
 Swell noise increasing slightly.

Noise Figures

SOL	3 µB
EOL	5 µB
Max	6 µB
Avg	50 µB
> 10µB	

Misfires 9 22638, 2336, 2566, 2531, 2349, 2216, 2214, 1098, 868, 866

NDRs 22 Refer to original Obs logs

Parities

PROCESSING EDITS

SEQUENCE 053

Date (SOL): 04/02/00

1999/2000 Survey

LineName W00INV1618P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	18:36	01:24	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>NE</td> <td>F 3</td> </tr> <tr> <td>Sea</td> <td>NE</td> <td>F 3</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>2.5 m</td> </tr> </table>			Direct	Force	Wind	NE	F 3	Sea	NE	F 3	Swell	SW	2.5 m
	Direct	Force														
Wind	NE	F 3														
Sea	NE	F 3														
Swell	SW	2.5 m														
SP Recorded	1001	5036														
SP Chargeable	1001	5036														
SP To Process	1001	5036	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>110.0</td> <td>62.0</td> </tr> <tr> <td>Feather Angle</td> <td>8.5</td> <td>-1.9</td> </tr> <tr> <td></td> <td>8.5</td> <td>0.0</td> </tr> </table>			Maximum	Minimum	Water Depth	110.0	62.0	Feather Angle	8.5	-1.9		8.5	0.0
	Maximum	Minimum														
Water Depth	110.0	62.0														
Feather Angle	8.5	-1.9														
	8.5	0.0														
Recorded Files	139	4174														
Tapes System A	30630	30639														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	266.0
G1S02	180.2
G1S03	127.8
G1S04	142.1
G1S05	211.6
G1S06	299.1
G1S07	
G1S08	
G2S01	311.3
G2S02	220.1
G2S03	148.8
G2S04	121.9
G2S05	171.3
G2S06	253.0
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Good array performance up to the end of line.

Manifold Pressure

Min:	1950 psi
Mean:	1950 psi
Max:	1950 psi

STREAMER

Comments			
01	<input checked="" type="checkbox"/>	149, 158, 159, 160, 366 fail daily tests. 57,146,68 noisy and spiking	5.4 6.8
02	<input checked="" type="checkbox"/>	111, 124 fail daily tests.	5.4 6.8
03	<input checked="" type="checkbox"/>	317, 138 fail daily tests. 286 noisy.	5.3 6.9
04	<input checked="" type="checkbox"/>	364 fail daily tests.	5.1 7.1
05	<input checked="" type="checkbox"/>	110, 254 fail daily tests.	5.3 6.6
06	<input checked="" type="checkbox"/>	70, 103, 304, 357 fail daily tests. 1, spiking, 164, 238, 239 noisy.	5.7 6.5
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

 Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
 Line acquired with 6 streamers - 12 CDP columns.
 Depth Controllers/Compasses: Compass C513 deselected - dead.
 Acoustics: Acceptable.

RECORDING

Line continued through midnight to completion. Random array timing errors. slight swell noise and front end depth fluctuations.

Noise Figures

Misfires	0	SOL	2 µB
NDRs	0	EOL	4 µB
Parities	0	Max	5 µB
		Avg	4 µB
		>10µB	

PROCESSING EDITS

SEQUENCE 054

Date (SOL): 05/02/00

1999/2000 Survey

LineName W00INV1798P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Incomplete

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	04:44	10:03		
SP Recorded	4673	1650		
SP Chargeable	4673	1650		
SP To Process	4	1650		
Recorded Files	122	3145		
Tapes System A	30640	30647		
Water Depth	65.0	105.0	Maximum	Minimum
Feather Angle	-1.6	-2.4	-2.4	-1.6

	Direct	Force
Wind	NE	F 3
Sea	NE	F 3
Swell	SW	2.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	269.8
G1S02	183.4
G1S03	129.8
G1S04	140.8
G1S05	208.8
G1S06	295.7
G1S07	0.0
G1S08	0.0
G2S01	312.5
G2S02	221.2
G2S03	150.0
G2S04	121.9
G2S05	170.4
G2S06	251.6
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Fair array performance up to the end of line.

Manifold Pressure	
Min:	1950 psi
Mean:	1950 psi
Max:	1950 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/> 149, 158, 159, 160, 366 fail daily tests. 57,146,68 weak/noisy	5.4	6.8
02	<input checked="" type="checkbox"/> 111, 124, 126 fail daily tests.	5.4	6.8
03	<input checked="" type="checkbox"/> 317, 138 fail daily tests. 286 noisy.	5.3	6.9
04	<input checked="" type="checkbox"/> 364 fail daily tests.	5.1	7.1
05	<input checked="" type="checkbox"/> 110, 254, 367 fail daily tests.	5.3	6.6
06	<input checked="" type="checkbox"/> 70, 103, 304, 357 fail daily tests. 1, 26, 113, 164, 238 weak/noisy.	5.7	6.5
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
Line acquired with 6 streamers - 12 CDP columns.
Depth Controllers/Compasses: NIL
Acoustics: Acceptable.

RECORDING		Noise Figures
	Line incomplete due to increasing swell noise and poor cable depth control. LGSP 1650. Completed with seq. 60.	SOL 4 µB
		EOL 10 µB
Misfires	19 Refer to original Obs Logs	Max 28 µB
NDRs	0	Avg 9 µB
Parities	0	>10µB

PROCESSING EDITS	
	FULL EDIT: LGSP 1650.

SEQUENCE 055

Date (SOL): 07/02/00

1999/2000 Survey

LineName W00INV1606P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Scratched

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	00:36	03:12	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SW</td> <td>F 3</td> </tr> <tr> <td>Sea</td> <td>SW</td> <td>F 3</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>3.0 m</td> </tr> </table>			Direct	Force	Wind	SW	F 3	Sea	SW	F 3	Swell	SW	3.0 m
	Direct	Force														
Wind	SW	F 3														
Sea	SW	F 3														
Swell	SW	3.0 m														
SP Recorded	1388	3902														
SP Chargeable	0	0														
SP To Process	0	0	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>113.0</td> <td>78.0</td> </tr> <tr> <td>Feather Angle</td> <td>-3.2</td> <td>-1.1</td> </tr> <tr> <td></td> <td>-3.2</td> <td>-1.1</td> </tr> </table>			Maximum	Minimum	Water Depth	113.0	78.0	Feather Angle	-3.2	-1.1		-3.2	-1.1
	Maximum	Minimum														
Water Depth	113.0	78.0														
Feather Angle	-3.2	-1.1														
	-3.2	-1.1														
Recorded Files	131	1619														
Tapes System A	30648	30652														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	
G1S02	
G1S03	
G1S04	
G1S05	
G1S06	
G1S07	
G1S08	
G2S01	
G2S02	
G2S03	
G2S04	
G2S05	
G2S06	
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Fair array performance up to the end of line.

Manifold Pressure

Min:	1850 psi
Mean:	1950 psi
Max:	1950 psi

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 149, 158, 159, 160, 366 fail daily tests. 57,146,68 weak/noisy	3.2	6.8
02	<input checked="" type="checkbox"/> 111, 124, 126 fail daily tests.	3.1	7.0
03	<input checked="" type="checkbox"/> 317, 138 fail daily tests. 286 noisy.	4.6	6.5
04	<input checked="" type="checkbox"/> 364 fail daily tests.	4.8	7.8
05	<input checked="" type="checkbox"/> 110, 254, 367 fail daily tests.	5.2	7.9
06	<input checked="" type="checkbox"/> 70, 103, 304, 357 fail daily tests. 1, 26, 113, 164, 238 weak/noisy.	4.9	8.0
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

 Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
 Line acquired with 6 streamers - 12 CDP columns.
 Depth Controllers/Compasses: NIL
 Acoustics: Acceptable.

RECORDING

Line aborted due to excessive swell noise and poor depth control. Completed with seqs. 58 & 61

Noise Figures

Misfires	0	Max	18 µB
NDRs	0	Avg	0 µB
Parities	0	>10µB	

PROCESSING EDITS

SCRATCHED: DO NOT PROCESS.

SEQUENCE 056

Date (SOL): 07/02/00

1999/2000 Survey

LineName W00INV163011

Line Heading 009.0 °

Investigator 3D

Line Type: Infill

Line Status: Scratched

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	: 03:12	: 04:01		
SP Recorded	: 3350	: 3375		
SP Chargeable	: 0	: 0		
SP To Process	: 0	: 0		
Recorded Files	:	:		
Tapes System A	: 30653	: 30653		
Water Depth	: 0.0	:	Maximum	Minimum
Feather Angle	:	:		0.0

Wind	Direct	Force
	SW	F 3
Sea	SW	F 3
Swell	SW	3.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE	01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
	02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots
Comments:	Line aborted on the run in.		

Manifold Pressure	
Min:	1850 psi
Mean:	1950 psi
Max:	1950 psi

STREAMER	Comments		Min	Max
01	<input checked="" type="checkbox"/>	149, 158, 159, 160, 366 fail daily tests. 57,146,68 weak/noisy	3.2	6.8
02	<input checked="" type="checkbox"/>	111, 124, 126 fail daily tests.	3.1	7.0
03	<input checked="" type="checkbox"/>	317, 138 fail daily tests. 286 noisy.	4.6	6.5
04	<input checked="" type="checkbox"/>	364 fail daily tests.	4.8	7.8
05	<input checked="" type="checkbox"/>	110, 254, 367 fail daily tests.	5.2	7.9
06	<input checked="" type="checkbox"/>	70, 103, 304, 357 fail daily tests. 1, 26, 113, 164, 238 weak/noisy.	4.9	8.0
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			

Traces:		Min	Max
- Weak	Refer to above comments	Depth	
- Killed	Refer to above comments		
- Noisy	Refer to above comments		

Comments:	Automatic depth editing range below 4.5 metres and above 7.5 metres Line acquired with 6 streamers - 12 CDP columns. Depth Controllers/Compasses: NIL Acoustics: Acceptable.
------------------	---

RECORDING	No seismic data recorded. Line aborted on the run in - unable to set and maintain cable depths.	Noise Figures	
		SOL	
		EOL	
Misfires	0	Max	
NDRs	0	Avg	0 µB
Parities	0	>10µB	

PROCESSING EDITS	SCRATCHED: DO NOT PROCESS.
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SEQUENCE 057

Date (SOL): 07/02/00

1999/2000 Survey

LineName W00INV1846I2

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	06:45	09:52		
SP Recorded	2700	817		
SP Chargeable	2700	817		
SP To Process	2700	817		
Recorded Files	215	2098		
Tapes System A	30654	30658		
Water Depth	80.0	102.0	Maximum	Minimum
Feather Angle	2.2	-5.3	-5.3	0.0

	Direct	Force
Wind	SW	F 3
Sea	SW	F 3
Swell	SW	3.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	262.2
G1S02	179.0
G1S03	126.8
G1S04	142.9
G1S05	211.5
G1S06	298.2
G1S07	0.0
G1S08	0.0
G2S01	303.4
G2S02	214.2
G2S03	144.1
G2S04	123.6
G2S05	173.8
G2S06	255.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. 56 shots lots to system edits. 0.29%.

Manifold Pressure

Min:	1950 psi
Mean:	1950 psi
Max:	1950 psi

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 149, 158, 159, 160, 366 fail daily tests. 57,146,68 weak/noisy	4.9	6.9
02	<input checked="" type="checkbox"/> 111, 124, 126 fail daily tests.	5.2	7.1
03	<input checked="" type="checkbox"/> 15, 317, 138 fail daily tests.	4.8	6.7
04	<input checked="" type="checkbox"/> 342, 364 fail daily tests.	4.7	7.0
05	<input checked="" type="checkbox"/> 110, 254, 367 fail daily tests. 81/noisy/weak	5.0	6.3
06	<input checked="" type="checkbox"/> 84, 103, 304, 357 fail daily tests. 65, 113, 164, 238 weak/noisy.	4.9	6.9
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

 Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
 Line acquired with 6 streamers - 12 CDP columns.
 Depth Controllers/Compasses: S5-C13 failed
 Acoustics: S4-T2 failed
 Tail buoy 5 failed.
 No Multifix for SP 2000-1978 using secondary positioning systems

RECORDING

 Infill - edit shots 2625-2541, 2231-2191, 2080-2016 cables 1 and 2.
 SP 972-928 on cable 1 due to unstable positioning in that region. Reshoot of sequence 37.

Noise Figures

Misfires	59	Refer to original Obs Line Logs	SOL	3 µB
NDRs	0		EOL	6 µB
Parities	0		Max	7 µB
			Avg	0 µB
			>10µB	

PROCESSING EDITS

 TRACE EDIT: Cable 1 and 2 SP 2625-2541, 2231-2191, 2080-2016.
 TRACE EDIT: Cable 1 SP 972-928

SEQUENCE 058

Date (SOL): 07/02/00

1999/2000 Survey

LineName W00INV1606P2

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Scratched

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	: 12:19	: 13:38		
SP Recorded	: 1001	: 1763		
SP Chargeable	: 0	: 0		
SP To Process	: 0	: 0		
Recorded Files	: 140	: 902		
Tapes System A	: 30659	: 30661		
Water Depth	: 104.0	: 0.0	Maximum	Minimum
Feather Angle	: -1.5	: 1.0	: -1.5	: 1.0

Wind	Direct	Force
	SW	F 3
Sea	SW	F 3
Swell	SW	3.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	
G1S02	
G1S03	
G1S04	
G1S05	
G1S06	
G1S07	
G1S08	
G2S01	
G2S02	
G2S03	
G2S04	
G2S05	
G2S06	
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance

Manifold Pressure

Min:	1950 psi
Mean:	1950 psi
Max:	1950 psi

STREAMER

		Comments			
01	<input checked="" type="checkbox"/>	149, 158, 159, 160, 366 fail daily tests.	57,146,68 weak/noisy	4.9	6.9
02	<input checked="" type="checkbox"/>	111, 124, 126 fail daily tests.		5.2	7.1
03	<input checked="" type="checkbox"/>	15, 317, 138 fail daily tests.		4.8	6.7
04	<input checked="" type="checkbox"/>	342, 364 fail daily tests.		4.7	7.0
05	<input checked="" type="checkbox"/>	110, 254, 367 fail daily tests.	81/noisy/weak	5.0	6.3
06	<input checked="" type="checkbox"/>	84, 103, 304, 357 fail daily tests.	65, 113, 164, 238 weak/noisy.	4.9	6.9
07	<input type="checkbox"/>				
08	<input type="checkbox"/>				

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

 Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
 Line acquired with 6 streamers - 12 CDP columns.
 Depth Controllers/Compasses: S5-C13 failed

RECORDING

All data scratched - poor acoustic and front end positioning - excessive array timing errors. Front end networks damaged by fishing debris. Completed with seq 63.

Noise Figures

Misfires	0		SOL	5 µB
NDRs	0		EOL	4 µB
Parities	0		Max	6 µB
			Avg	0 µB
			>10µB	

PROCESSING EDITS

SCRATCHED: NOT TO BE PROCESSED.

SEQUENCE 059

Date (SOL): 07/02/00

1999/2000 Survey

LineName W00INV1786P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Incomplete

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	22:37	03:34		
SP Recorded	4685	1874		
SP Chargeable	4685	1874		
SP To Process	4685	1874		
Recorded Files	399	3210		
Tapes System A	30665	30687		
Water Depth	67.0	95.0	Maximum	Minimum
Feather Angle	-1.0	5.1	95.0	67.0
			5.1	0.0

	Direct	Force
Wind	SW	F 3
Sea	SW	F 3
Swell	SW	2.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	260.3
G1S02	176.3
G1S03	125.3
G1S04	142.6
G1S05	212.2
G1S06	299.3
G1S07	0.0
G1S08	0.0
G2S01	300.9
G2S02	211.4
G2S03	142.7
G2S04	123.9
G2S05	175.6
G2S06	257.5
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. 3 shots lost on line due to vessel speed.
Gun depth indicators on 708 and 808 erratic and disabled from SOL.

Manifold Pressure	
Min:	1950 psi
Mean:	1950 psi
Max:	1950 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/> 149, 158, 159, 160, 366 fail daily tests. 57,68, 209 weak/noisy	4.9	6.9
02	<input checked="" type="checkbox"/> 111, 124, 126 fail daily tests.	5.2	7.1
03	<input checked="" type="checkbox"/> 15, 317, 138 fail daily tests. 286 noisy.	4.8	6.7
04	<input checked="" type="checkbox"/> 342, 364 fail daily tests.	4.7	7.0
05	<input checked="" type="checkbox"/> 110, 254, 367 fail daily tests. 81spiking	5.0	6.3
06	<input checked="" type="checkbox"/> 84, 103, 304, 357 fail daily tests. 1, 113, 164, 238, 239 weak/noisy/spiking.	4.9	6.9
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
Line acquired with 6 streamers - 12 CDP columns.
Depth Controllers/Compasses: S5-C13 failed
Acoustics: Gun string 6 poor, S4-T2 failed.
Tail buoys: 6 dead.

RECORDING		Noise Figures
	Line incomplete due to failure of the Event Processing Board in the MSX - circle to next line. Last good SP 1874. Completed with seq. 68, & 74.	SOL 5 µB
		EOL 6 µB
Misfires	0	Max 5 µB
NDRs	3 SP 3836, 1914, 1878	Avg 0 µB
Parities	0	> 10µB

PROCESSING EDITS **FULL EDIT: LGSP 1874 d/t MSX.**

SEQUENCE 060

Date (SOL): 08/02/00

1999/2000 Survey

LineName W00INV1798P2

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	08:24	09:51		
SP Recorded	1649	817		
SP Chargeable	1649	817		
SP To Process	1649	817		
Recorded Files	115	947		
Tapes System A	30687	30698		
Water Depth	95.0	104.0	Maximum	Minimum
Feather Angle	2.6	-8.8	-8.8	0.0

	Direct	Force
Wind	SW	F 3
Sea	SW	F 3
Swell	SW	2.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	261.9
G1S02	177.6
G1S03	124.7
G1S04	140.5
G1S05	209.2
G1S06	295.7
G1S07	0.0
G1S08	0.0
G2S01	303.1
G2S02	213.3
G2S03	142.9
G2S04	122.6
G2S05	172.4
G2S06	253.3
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance

Manifold Pressure	
Min:	1950 psi
Mean:	1950 psi
Max:	1950 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	149, 156, 158, 159, 160, 366 fail daily tests. 57,68 weak/noisy	4.9	6.9
02	<input checked="" type="checkbox"/>	111, 124, 126 fail daily tests.	5.2	7.1
03	<input checked="" type="checkbox"/>	15, 317, 138 fail daily tests. 286 noisy, 355 spiking	4.8	6.7
04	<input checked="" type="checkbox"/>	342, 364 fail daily tests.	4.7	7.0
05	<input checked="" type="checkbox"/>	110, 254, 367 fail daily tests. 81/noisy/weak	5.0	6.3
06	<input checked="" type="checkbox"/>	84, 103, 304, 357 fail daily tests. 1, 65, 113, 164, 238, 239 weak/noisy.	5.2	6.8
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			

Traces:		Min	Max
- Weak	Refer to above comments		
- Killed	Refer to above comments		
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
 Line acquired with 6 streamers - 12 CDP columns.
 Depth Controllers/Compasses: S5-C13 failed
 Acoustics: Gun string 6 poor, S4-T2 failed.
 Tail buoys: 5 dead.
 Posnet: on gun string 2 dead.

RECORDING	Line now complete in 2 sections.	
Misfires	2	1433, 1073 not recorded.
NDRs	0	
Parities	0	

Noise Figures	
SOL	4 µB
EOL	4 µB
Max	5 µB
Avg	0 µB
>10µB	

PROCESSING EDITS

SEQUENCE 061

Date (SOL): 08/02/00

1999/2000 Survey

LineName W00INV1606P3

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	14:50	21:37	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SW</td> <td>F 3</td> </tr> <tr> <td>Sea</td> <td>SW</td> <td>F 3</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>2.0 m</td> </tr> </table>			Direct	Force	Wind	SW	F 3	Sea	SW	F 3	Swell	SW	2.0 m
	Direct	Force														
Wind	SW	F 3														
Sea	SW	F 3														
Swell	SW	2.0 m														
SP Recorded	1001	5048														
SP Chargeable	1001	5048														
SP To Process	1001	5048	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>113.0</td> <td>59.0</td> </tr> <tr> <td>Feather Angle</td> <td>6.5</td> <td>-3.3</td> </tr> </table>			Maximum	Minimum	Water Depth	113.0	59.0	Feather Angle	6.5	-3.3			
	Maximum	Minimum														
Water Depth	113.0	59.0														
Feather Angle	6.5	-3.3														
Recorded Files	604	4651														
Tapes System A	30699	30709														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	262.1
G1S02	178.0
G1S03	126.0
G1S04	140.4
G1S05	208.5
G1S06	294.7
G1S07	
G1S08	
G2S01	302.5
G2S02	212.7
G2S03	143.0
G2S04	122.0
G2S05	171.9
G2S06	252.5
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. Gun 803 autofires at SP 3793, 4112.
Gun depth indicator 705 disabled at the SOL.

Manifold Pressure

Min:	1950 psi
Mean:	1950 psi
Max:	1950 psi

STREAMER

Comments			
01	<input checked="" type="checkbox"/>	149, 158, 159, 160, 366 fail daily tests. 57, 68 weak/noisy	4.9 6.2
02	<input checked="" type="checkbox"/>	111, 124 fail daily tests. 79 spiking	5.2 6.6
03	<input checked="" type="checkbox"/>	317, 138 fail daily tests. 58, 72, 355 spiking	4.8 6.7
04	<input checked="" type="checkbox"/>	364 fail daily tests. 1 spiking	4.7 7.0
05	<input checked="" type="checkbox"/>	110, 254 fail daily tests. 81/noisy/weak	5.0 6.3
06	<input checked="" type="checkbox"/>	84, 103, 304, 357 fail daily tests. 1, 65, 164, 238, 239 noisy/spiking	5.2 6.8
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
Line acquired with 6 streamers - 12 CDP columns.
Depth Controllers/Compasses: S5-C13 failed SP 3434 depth indicator 808 disabled - erratic
Acoustics: Gun string 6 poor, S4-T2 failed.
Tail buoys: 6 dead.
Posnet: on gun string 2 dead.

RECORDING

Line now complete on the third attempt.
SP 2858, reboot bird controller.

Noise Figures

Misfires	2	3793, 4112	SOL	3 µB
NDRs	0		EOL	4 µB
Parities	0		Max	7 µB
			Avg	0 µB
			>10µB	

PROCESSING EDITS

SEQUENCE 062

Date (SOL): 08/02/00

1999/2000 Survey

LineName W00INV1774P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	23:35	06:03		
SP Recorded	4697	817		
SP Chargeable	4697	817		
SP To Process	4697	817		
Recorded Files	120	4000		
Tapes System A	30710	30718		
Water Depth	64.0	103.0	Maximum	Minimum
Feather Angle	6.0	-6.3	-6.3	0.0

	Direct	Force
Wind	SW	F 3
Sea	SW	F 3
Swell	SW	2.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	261.7
G1S02	177.7
G1S03	124.8
G1S04	140.7
G1S05	209.1
G1S06	295.7
G1S07	
G1S08	
G2S01	302.2
G2S02	212.8
G2S03	142.4
G2S04	123.1
G2S05	173.3
G2S06	254.4
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance.
Gun depth indicator 201 disabled at SP 2255.

Manifold Pressure	
Min:	1950 psi
Mean:	1950 psi
Max:	1950 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	149, 158, 159, 160, 366 fail daily tests. 4, 57, 146, 68, 209 weak/noisy	4.9	6.2
02	<input checked="" type="checkbox"/>	111, 124, 126 fail daily tests.	5.2	6.6
03	<input checked="" type="checkbox"/>	15, 317, 138 fail daily tests.	4.8	6.7
04	<input checked="" type="checkbox"/>	364 fail daily tests. 114 noisy.	4.7	7.0
05	<input checked="" type="checkbox"/>	110, 254, 367 fail daily tests. 81/noisy/weak	5.0	6.3
06	<input checked="" type="checkbox"/>	103, 304, 357 fail daily tests. 1, 26, 51, 65, 238, 254, 256 weak/noisy.	5.2	6.8
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
Line acquired with 6 streamers - 12 CDP columns.
Depth Controllers/Compasses: S5-C13 failed
Acoustics: Gun string 6 poor, S4-T2 failed.
Tail buoys: 6 dead.
Posnet: on gun string 2 dead.

RECORDING	Line continued through midnight to completion. Cable 1 still displays 3 adjacent bad traces with another failing daily tests..		Noise Figures	
Misfires	0		SOL	3 µB
NDRs	0		EOL	4 µB
Parities	0		Max	6 µB
			Avg	0 µB
			>10µB	

PROCESSING EDITS	

SEQUENCE 063

Date (SOL): 09/02/00

1999/2000 Survey

LineName W00INV1594P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	: 08:15	: 15:07		
SP Recorded	: 1001	: 5060		
SP Chargeable	: 1001	: 5060		
SP To Process	: 1001	: 5060		
Recorded Files	:	:		
Tapes System A	: 30719	: 3728	Maximum	Minimum
Water Depth	:	:		
Feather Angle	:	:		

Wind	Direct	Force
	SW	F 2
Sea	SW	F 2
Swell	SW	2.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	263.9
G1S02	179.3
G1S03	125.7
G1S04	141.6
G1S05	209.9
G1S06	296.1
G1S07	
G1S08	
G2S01	306.3
G2S02	216.1
G2S03	144.6
G2S04	122.2
G2S05	171.7
G2S06	252.2
G2S07	
G2S08	

SOURCE	01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
	02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots
Comments:	Acceptable array performance. Gun depth indicator 201 disabled at SP 2255.		

Manifold Pressure	
Min:	1950 psi
Mean:	1950 psi
Max:	1950 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	149, 158, 159, 160, 366 fail daily tests.	4, 57, 146, 68, 209 weak/noisy	4.9 6.2
02	<input checked="" type="checkbox"/>	111, 124, 126 fail daily tests.		5.2 6.6
03	<input checked="" type="checkbox"/>	15, 317, 138 fail daily tests.		4.8 6.7
04	<input checked="" type="checkbox"/>	364 fail daily tests. 114 noisy.		4.7 7.0
05	<input checked="" type="checkbox"/>	110, 254, 367 fail daily tests. 81/noisy/weak		5.0 6.3
06	<input checked="" type="checkbox"/>	103, 304, 357 fail daily tests. 1, 26, 51, 65, 238, 254, 256 weak/noisy.		5.2 6.8
07	<input type="checkbox"/>			0.0
08	<input type="checkbox"/>			

Traces:		Min	Max
- Weak	Refer to above comments	Depth	
- Killed	Refer to above comments		
- Noisy	Refer to above comments		

Comments:	Automatic depth editing range below 4.5 metres and above 7.5 metres Line acquired with 6 streamers - 12 CDP columns. Depth Controllers/Compasses: S5-C13 failed Acoustics: Gun string 6 poor, S4-T2 failed. Tail buoys: 6 dead. Posnet: on gun string 2 dead.
------------------	--

RECORDING	Line continued through midnight to completion. Cable 1 still displays 3 adjacent bad traces with another failing daily tests..	Noise Figures	
		SOL	3 µB
		EOL	4 µB
Misfires	0	Max	6 µB
NDRs	0	Avg	0 µB
Parities	0	>10µB	

PROCESSING EDITS

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SEQUENCE 064

Date (SOL): 09/02/00

1999/2000 Survey

LineName W00INV1762P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	: 17:06	: 23:32		
SP Recorded	: 4709	: 818		
SP Chargeable	: 4709	: 818		
SP To Process	: 4709	: 818		
Recorded Files	:	:		
Tapes System A	: 30729	: 30738	Maximum	Minimum
Water Depth	:	:		
Feather Angle	:	:		

Wind	Direct	Force
	SW	F 2
Sea	SW	F 2
Swell	SW	2.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	258.8
G1S02	175.7
G1S03	125.4
G1S04	141.3
G1S05	209.6
G1S06	296.1
G1S07	
G1S08	
G2S01	297.2
G2S02	208.4
G2S03	140.4
G2S04	124.2
G2S05	175.0
G2S06	256.3
G2S07	
G2S08	

SOURCE	01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
	02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots
Comments:	Acceptable array performance. Gun depth indicator 201 disabled at SP 2255.		

Manifold Pressure	
Min:	1950 psi
Mean:	1950 psi
Max:	1950 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	149, 158, 159, 160, 366 fail daily tests. 4, 57, 146, 68, 209 weak/noisy	4.9	6.2
02	<input checked="" type="checkbox"/>	111, 124, 126 fail daily tests.	5.2	6.6
03	<input checked="" type="checkbox"/>	15, 317, 138 fail daily tests.	4.8	6.7
04	<input checked="" type="checkbox"/>	364 fail daily tests. 114 noisy.	4.7	7.0
05	<input checked="" type="checkbox"/>	110, 254, 367 fail daily tests. 81/noisy/weak	5.0	6.3
06	<input checked="" type="checkbox"/>	103, 304, 357 fail daily tests. 1, 26, 51, 65, 238, 254, 256 weak/noisy.	5.2	6.8
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			

Traces:		Min	Max
- Weak	Refer to above comments	Depth	
- Killed	Refer to above comments		
- Noisy	Refer to above comments		

Comments:	Automatic depth editing range below 4.5 metres and above 7.5 metres Line acquired with 6 streamers - 12 CDP columns. Depth Controllers/Compasses: S5-C13 failed Acoustics: Gun string 6 poor, S4-T2 failed. Tail buoys: 6 dead. Posnet: on gun string 2 dead.
------------------	--

RECORDING	Line considered complete. Good balance and control. Missed recording the last SP of the line.
Misfires	0
NDRs	0
Parities	0

Noise Figures	
SOL	3 µB
EOL	4 µB
Max	7 µB
Avg	0 µB
>10µB	

PROCESSING EDITS	SPECIAL NOTE: Last shot missed, considered complete.
-------------------------	---

SEQUENCE 065

Date (SOL): 10/02/00

1999/2000 Survey

LineName W00INV159411

Line Heading 009.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP
Recording Time	02:09	08:56
SP Recorded	1001	5060
SP Chargeable	1001	5060
SP To Process	1001	5060
Recorded Files	139	4198
Tapes System A	30739	30748
Water Depth		
Feather Angle		

Weather

	Direct	Force
Wind	NE	F 3
Sea	NE	F 3
Swell	SW	2.5 m

Maximum Minimum

Near Offsets

Gun to Streamer	Offset (metres)
G1S01	264.2
G1S02	179.1
G1S03	126.1
G1S04	143.0
G1S05	211.8
G1S06	298.0
G1S07	
G1S08	
G2S01	308.0
G2S02	217.2
G2S03	145.8
G2S04	122.6
G2S05	172.3
G2S06	252.7
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

 Comments: Acceptable array performance.
Gun depth indicator 201 disabled at SP 2255.

Manifold Pressure

Min:	1950 psi
Mean:	1960 psi
Max:	1950 psi

STREAMER
Comments

01	<input checked="" type="checkbox"/>	149, 156, 158, 159, 160, 366 fail daily tests. 4, 57, 146, 68 weak/noisy	4.9	6.2
02	<input checked="" type="checkbox"/>	111, 124, 126 fail daily tests. 79 spiking	5.2	6.6
03	<input checked="" type="checkbox"/>	138, 317 fail daily tests. 72 spiking. 355 weak/dead	4.8	6.7
04	<input checked="" type="checkbox"/>	364 fail daily tests.	4.7	7.0
05	<input checked="" type="checkbox"/>	110, 254, 367 fail daily tests. 81/noisy/weak	5.0	6.3
06	<input checked="" type="checkbox"/>	103, 304, 357 fail daily tests. 26, 65, 164, 238 weak/noisy/spiking	5.2	6.8
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

 Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
Line acquired with 6 streamers - 12 CDP columns.
Depth Controllers/Compasses: S5-C13 failed
Acoustics: Gun string 6 poor, S4-T2 failed.
Tail buoys: 6 dead.
Posnet: on gun string 2 dead.

RECORDING

Infill line complete - good coverage. Cable 1 still displays 3 adjacent bad traces.

Noise Figures

Misfires	0		SOL	4 µB
NDRs	0		EOL	5 µB
Parities	0		Max	7 µB
			Avg	0 µB
			>10µB	

PROCESSING EDITS

SEQUENCE 066

Date (SOL): 10/02/00

1999/2000 Survey

LineName W00INV1750P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	10:52	17:35	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>NE</td> <td>F 4</td> </tr> <tr> <td>Sea</td> <td>NE</td> <td>F 4</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>2.5 m</td> </tr> </table>			Direct	Force	Wind	NE	F 4	Sea	NE	F 4	Swell	SW	2.5 m
	Direct	Force														
Wind	NE	F 4														
Sea	NE	F 4														
Swell	SW	2.5 m														
SP Recorded	4721	817														
SP Chargeable	4721	817	<table border="1"> <tr> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>108.0</td> <td>64.0</td> </tr> <tr> <td>8.5</td> <td>0.0</td> </tr> </table>		Maximum	Minimum	108.0	64.0	8.5	0.0						
Maximum	Minimum															
108.0	64.0															
8.5	0.0															
SP To Process	4721	817														
Recorded Files	134	4038														
Tapes System A	30749	30757														
Water Depth	64.0	108.0														
Feather Angle	-3.5	8.5														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	265.6
G1S02	180.7
G1S03	127.2
G1S04	142.0
G1S05	210.7
G1S06	297.4
G1S07	
G1S08	
G2S01	307.8
G2S02	217.4
G2S03	146.0
G2S04	122.1
G2S05	172.3
G2S06	253.5
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance.
 SP 3061 gun 203-204 , 160 cu inch cluster disabled.
 SP 2946 gun 601-602, 300 cu inch cluster disabled
 SP 935 gun 103-104 off due to misfires. SP 915 guns 301-302 off due to misfires

Manifold Pressure	
Min:	1950 psi
Mean:	1950 psi
Max:	1950 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/> 149, 158, 159 ,160 , 366 fail daily tests.	5.7	6.8
02	<input checked="" type="checkbox"/> 111, 124 , 126 fail daily tests.	5.9	7.0
03	<input checked="" type="checkbox"/> 138, 355 fail daily tests. 286 noisy	5.9	6.8
04	<input checked="" type="checkbox"/> 364 fail daily tests.	5.6	6.5
05	<input checked="" type="checkbox"/> 110, 254 , 367 fail daily tests. 81/noisy/weak	6.0	7.0
06	<input checked="" type="checkbox"/> 103, 304, 357 fail daily tests. 164, 238, 239 weak/noisy.	6.3	6.9
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:
 - Weak Refer to above comments
 - Killed Refer to above comments
 - Noisy Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
 Line acquired with 6 streamers - 12 CDP columns.
 Depth Controllers/Compasses: S5-C13 no communication
 Tail buoy: 6 dead.

RECORDING		Noise Figures
	Line complete - random bursts of swell noise. Some gun array problems reported during this line and edits were required. Low volume from SP 914 to the end of line.	SOL 3 µB
		EOL 4 µB
Misfires	0	Max 6 µB
NDRs	0	Avg 0 µB
Parities	0	>10µB

PROCESSING EDITS	

SEQUENCE 067

Date (SOL): 10/02/00

1999/2000 Survey

LineName W00INV1582P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Incomplete

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	22:16	00:49	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SE</td> <td>F 4</td> </tr> <tr> <td>Sea</td> <td>SE</td> <td>F 4</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>2.5 m</td> </tr> </table>			Direct	Force	Wind	SE	F 4	Sea	SE	F 4	Swell	SW	2.5 m
	Direct	Force														
Wind	SE	F 4														
Sea	SE	F 4														
Swell	SW	2.5 m														
SP Recorded	1001	2557														
SP Chargeable	1001	2500	<table border="1"> <tr> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>110.0</td> <td>82.0</td> </tr> <tr> <td>6.6</td> <td>0.0</td> </tr> </table>		Maximum	Minimum	110.0	82.0	6.6	0.0						
Maximum	Minimum															
110.0	82.0															
6.6	0.0															
SP To Process	1001	2500														
Recorded Files	108	1607														
Tapes System A	30758	30761														
Water Depth	110.0	82.0														
Feather Angle	0.0	6.6														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	260.4
G1S02	176.8
G1S03	126.2
G1S04	143.6
G1S05	213.3
G1S06	300.2
G1S07	
G1S08	
G2S01	302.0
G2S02	212.3
G2S03	143.0
G2S04	122.5
G2S05	174.3
G2S06	256.0
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Marginal array performance. Last good SP 2500 due to array misfires and low volume.
 SP 1125 disable guns 301-302 = volume 1950 cu inch
 SP 1211 enable guns 301-302 = volume 2250 cu inch
 SP 1265 disable guns 301-302 = volume 1950 cu inch

Manifold Pressure	
Min:	1950 psi
Mean:	1962 psi
Max:	1950 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/> 149, 158, 159, 160, 366 fail daily tests.	5.7	7.2
02	<input checked="" type="checkbox"/> 111, 124, 126 fail daily tests.	5.9	7.0
03	<input checked="" type="checkbox"/> 138, 355 fail daily tests. 72 spiking	5.9	7.3
04	<input checked="" type="checkbox"/> 364 fail daily tests.	5.6	7.1
05	<input checked="" type="checkbox"/> 110, 254, 367 fail daily tests. 81/noisy/weak	6.0	7.0
06	<input checked="" type="checkbox"/> 103, 304, 357 fail daily tests. 164, 238, 239 weak/noisy.	6.3	7.4
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:		Min	Max
- Weak	Refer to above comments	Depth	
- Killed	Refer to above comments		
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
 Line acquired with 6 streamers - 12 CDP columns.
 Depth Controllers/Compasses: S5-C13 no communication
 Tail buoy: 6 dead.

RECORDING Line incomplete due to array errors. LGSP 2500 due to autofires and gun errors on gun 103.
 Completed with seq. 69.

Noise Figures	
SOL	3 µB
EOL	4 µB
Max	5 µB
Avg	0 µB
>10µB	

Misfires	63	Misfires above 1.5ms
NDRs	7	Autofires - SP 2376, 2410, 2424, 2448, 2469, 2498
Parities	0	

PROCESSING EDITS **FULL EDIT: LGSP 2500 d/t gun misfires.**

SEQUENCE 068

Date (SOL): 11/02/00

1999/2000 Survey

LineName W00INV1786P2

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Incomplete

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	: 04:23	: 05:41		
SP Recorded	: 1873	: 1128		
SP Chargeable	: 1873	: 1200		
SP To Process	: 1873	: 1200		
Recorded Files	: 174	: 919		
Tapes System A	: 30762	: 30763	Maximum	Minimum
Water Depth	:	:	:	:
Feather Angle	:	:	:	:

Wind	Direct	Force
	SE	F 4
Sea	SE	F 4
Swell	SW	2.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	265.4
G1S02	180.0
G1S03	127.7
G1S04	143.8
G1S05	213.2
G1S06	300.9
G1S07	0.0
G1S08	0.0
G2S01	307.4
G2S02	216.5
G2S03	145.9
G2S04	122.7
G2S05	174.2
G2S06	256.7
G2S07	0.0
G2S08	0.0

SOURCE	01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
	02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots
Comments:	Marginal array performance. Last good SP 2500 due to array misfires and low volume.		

Manifold Pressure	
Min:	1950 psi
Mean:	1960 psi
Max:	1952 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	149, 158, 159, 160, 366 fail daily tests.	4.3	7.8
02	<input checked="" type="checkbox"/>	111, 124, 126 fail daily tests.	5.9	7.0
03	<input checked="" type="checkbox"/>	138, 355 fail daily tests. 72 spiking	4.9	7.7
04	<input checked="" type="checkbox"/>	364 fail daily tests.	5.6	7.1
05	<input checked="" type="checkbox"/>	110, 254, 367 fail daily tests. 81/noisy/weak	6.0	7.0
06	<input checked="" type="checkbox"/>	103, 304, 357 fail daily tests. 164, 238, 239 weak/noisy.	6.3	7.4
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:		Min	Max
- Weak	Refer to above comments	Depth	
- Killed	Refer to above comments		
- Noisy	Refer to above comments		

Comments:	Automatic depth editing range below 4.5 metres and above 7.5 metres Line acquired with 6 streamers - 12 CDP columns. Depth Controllers/Compasses: S5-C13 no communication Tail buoy: 6 dead.
------------------	---

RECORDING	Line incomplete due to excessive swell causing front end cable depths to become very erratic. Completed with seq. 74.	Noise Figures
Misfires	0	SOL 4 µB
NDRs	0	EOL 7 µB
Parities	0	Max 8 µB
		Avg 0 µB
		>10µB

PROCESSING EDITS	FULL EDIT: LGSP 1200 d/t swell.
-------------------------	---------------------------------

SEQUENCE 069

Date (SOL): 11/02/00

1999/2000 Survey

LineName W00INV1582P2

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	11:45	16:03	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SW</td> <td>F 4</td> </tr> <tr> <td>Sea</td> <td>SW</td> <td>F 4</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>2.5 m</td> </tr> </table>			Direct	Force	Wind	SW	F 4	Sea	SW	F 4	Swell	SW	2.5 m
	Direct	Force														
Wind	SW	F 4														
Sea	SW	F 4														
Swell	SW	2.5 m														
SP Recorded	2501	5072														
SP Chargeable	2501	5072														
SP To Process	2501	5072	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>81.0</td> <td>62.0</td> </tr> <tr> <td>Feather Angle</td> <td>-4.0</td> <td>2.0</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>			Maximum	Minimum	Water Depth	81.0	62.0	Feather Angle	-4.0	2.0			
	Maximum	Minimum														
Water Depth	81.0	62.0														
Feather Angle	-4.0	2.0														
Recorded Files	151	2721														
Tapes System A	30764	30769														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	261.3
G1S02	177.0
G1S03	126.1
G1S04	144.2
G1S05	213.8
G1S06	300.2
G1S07	0.0
G1S08	0.0
G2S01	303.4
G2S02	212.9
G2S03	142.9
G2S04	122.9
G2S05	174.1
G2S06	255.3
G2S07	0.0
G2S08	0.0

SOURCE	01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
	02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots
Comments:	Acceptable array performance. 2 shots missed due to vessel speed. SP 2789, 4108		

Manifold Pressure	
Min:	1960 psi
Mean:	1962 psi
Max:	1960 psi

STREAMER	Comments		Min	Max
01	<input checked="" type="checkbox"/>	149, 158, 159, 160, 366 fail daily tests.	5.6	7.2
02	<input checked="" type="checkbox"/>	111, 124, 126 fail daily tests.	5.9	7.0
03	<input checked="" type="checkbox"/>	138, 355 fail daily tests. 72 spiking	5.8	7.3
04	<input checked="" type="checkbox"/>	364 fail daily tests.	5.6	7.1
05	<input checked="" type="checkbox"/>	110, 254, 367 fail daily tests. 81/noisy/weak	3.8	7.0
06	<input checked="" type="checkbox"/>	103, 304, 357 fail daily tests. 164, 238, 239 weak/noisy.	6.3	7.4
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			
Traces:			Min	Max
- Weak	Refer to above comments		Depth	
- Killed	Refer to above comments			
- Noisy	Refer to above comments			
Comments:	Automatic depth editing range below 4.5 metres and above 7.5 metres Line acquired with 6 streamers - 12 CDP columns. Depth Controllers/Compasses: S5-C13 no communication Acoustics: S4-T2 down Tail buoy: 6 dead - broken mast and antenna.			

RECORDING	Line now complete - random swell noise bursts throughout - acceptable cable depth control although depth editing will be required.	Noise Figures	
		SOL	4 µB
		EOL	6 µB
Misfires	0	Max	8 µB
NDRs	2 2789, 4108	Avg	0 µB
Parities	0	>10µB	

PROCESSING EDITS

TRACE EDIT: SP 3370-3460 birds 7 and 8 on cable 5 shallow.
 TRACE EDIT: SP 3630-3715 birds 7 and 8 on cable 5 shallow

SEQUENCE 070

Date (SOL): 11/02/00

1999/2000 Survey

LineName W00INV175011

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Incomplete

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	18:56	21:22		
SP Recorded	4721	3250		
SP Chargeable	4721	3250		
SP To Process	4721	3250		
Recorded Files	109	1580		
Tapes System A	30770	30773		
Water Depth	62.0	65.0	Maximum 65.0	Minimum 62.0
Feather Angle	10.0	1.5	10.0	1.5

	Direct	Force
Wind	SW	F 4
Sea	SW	F 4
Swell	SW	2.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	267.4
G1S02	182.4
G1S03	127.7
G1S04	141.2
G1S05	209.9
G1S06	296.5
G1S07	
G1S08	
G2S01	309.3
G2S02	219.1
G2S03	147.2
G2S04	121.5
G2S05	171.7
G2S06	252.9
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. Missed SP 3651-3546 resetting system.
Timing Errors Edited - 2

Manifold Pressure	
Min:	1950 psi
Mean:	1950 psi
Max:	1950 psi

STREAMER	Comments	Min	Max
01	<input checked="" type="checkbox"/> 149, 158, 159 ,160 , 366 fail daily tests.	5.6	7.2
02	<input checked="" type="checkbox"/> 111, 124 , 126 fail daily tests.	5.9	7.0
03	<input checked="" type="checkbox"/> 138, 317, 355 fail daily tests. 72 spiking	5.6	7.3
04	<input checked="" type="checkbox"/> 364 fail daily tests.	5.6	7.1
05	<input checked="" type="checkbox"/> 110, 254 , 367 fail daily tests. 81/noisy/weak	5.1	7.0
06	<input checked="" type="checkbox"/> 103, 304, 357 fail daily tests. 164, 238, 239 weak/noisy.	6.3	7.4
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
Line acquired with 6 streamers - 12 CDP columns.
Depth Controllers/Compasses: S5-C13 no communication
Acoustics: S4-T2 down
Tail buoy: 6 dead.

RECORDING		Noise Figures
	Line incomplete - lost cable depth control due to swell. Completed with seq. 72.	SOL 3 µB
		EOL 4 µB
Misfires	2 SP 4677, 4569	Max 6 µB
NDRs	5 SP 3651-3646	Avg 0 µB
Parities	0	>10µB

PROCESSING EDITS FULL EDIT: LGSP 3250 d/t swell.

SEQUENCE 071

Date (SOL): 16/02/00

1999/2000 Survey

LineName W00INV1570P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Incomplete

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	15:14	20:34	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SW</td> <td>F 2</td> </tr> <tr> <td>Sea</td> <td>SW</td> <td>F 2</td> </tr> <tr> <td>Swell</td> <td>E</td> <td>1.5 m</td> </tr> </table>			Direct	Force	Wind	SW	F 2	Sea	SW	F 2	Swell	E	1.5 m
	Direct	Force														
Wind	SW	F 2														
Sea	SW	F 2														
Swell	E	1.5 m														
SP Recorded	1850	5073														
SP Chargeable	1850	5073														
SP To Process	1850	5073	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>92.0</td> <td>60.0</td> </tr> <tr> <td>Feather Angle</td> <td>-9.5</td> <td>-2.5</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>			Maximum	Minimum	Water Depth	92.0	60.0	Feather Angle	-9.5	-2.5			
	Maximum	Minimum														
Water Depth	92.0	60.0														
Feather Angle	-9.5	-2.5														
Recorded Files	111	3334														
Tapes System A	30774	30781														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	264.5
G1S02	177.9
G1S03	125.6
G1S04	140.3
G1S05	206.3
G1S06	293.4
G1S07	
G1S08	
G2S01	304.4
G2S02	212.6
G2S03	141.6
G2S04	121.3
G2S05	168.7
G2S06	250.7
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Manifold Pressure

Min:	1950 psi
Mean:	1950 psi
Max:	1970 psi

Comments: Acceptable array performance. SP 1750 depth indicator on gun 201 disabled.
SP 4500 apparent autofire on gun 703.

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 149, 286, 366, 368 fail daily tests. 17, 39, 41, 70, 72, 77, 79, 209 spiking	5.9	6.3
02	<input checked="" type="checkbox"/> 106, 110, 111, 124, 311 fail daily tests.	5.7	6.7
03	<input checked="" type="checkbox"/> 137 fail daily tests. 189 noisy	6.1	6.8
04	<input checked="" type="checkbox"/> 364 fail daily tests.	5.6	6.9
05	<input checked="" type="checkbox"/> 110, 254 fail daily tests. 81, 216 spiking	5.8	6.4
06	<input checked="" type="checkbox"/> 103, 304, 357 fail daily tests. 164, 238, 239 weak/noisy.	5.3	6.5
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

		Min	Max
- Weak	Refer to above comments		Depth
- Killed	Refer to above comments		
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
Line acquired with 6 streamers - 12 CDP columns.
Tail buoy: 5 dead.

RECORDING

Line incomplete - missed the first 850 shots due to late start - this will be acquired ASAP.
Completed with seq 73.

Noise Figures

SOL	3 µB
EOL	4 µB
Max	5 µB
Avg	0 µB
> 10µB	

Misfires 2 4335, 4600 - possible autofire.

NDRs 1 SP 4405 possible duplicate shot.

Parities

PROCESSING EDITS

FULL EDIT: FGSP 1850, due to late start.

SEQUENCE 072

Date (SOL): 17/02/00

1999/2000 Survey

LineName W00INV1750I2

Line Heading 198.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	: 00:43	: 04:50		
SP Recorded	: 3249	: 817		
SP Chargeable	: 3249	: 817		
SP To Process	: 3249	: 817		
Recorded Files	: 148	: 2580		
Tapes System A	: 30782	: 30787		
Water Depth	:	:	Maximum	Minimum
Feather Angle	:	:		

Wind	Direct	Force
	SW	F 2
Sea	SW	F 2
Swell	E	1.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	261.0
G1S02	175.8
G1S03	125.1
G1S04	141.1
G1S05	207.7
G1S06	295.3
G1S07	0.0
G1S08	0.0
G2S01	300.8
G2S02	210.2
G2S03	140.6
G2S04	122.6
G2S05	171.0
G2S06	253.4
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance.

Manifold Pressure

Min:	1950 psi
Mean:	1950 psi
Max:	1963 psi

STREAMER

Comments			
01	<input checked="" type="checkbox"/>	149, 286, 366, 368 fail daily tests.	5.8 6.4
02	<input checked="" type="checkbox"/>	106, 110, 111, 124, 311 fail daily tests.	5.9 6.9
03	<input checked="" type="checkbox"/>	137 fail daily tests.	5.9 6.4
04	<input checked="" type="checkbox"/>	364 fail daily tests.	5.7 5.2
05	<input checked="" type="checkbox"/>	110, 254 ,fail daily tests.	5.7 6.3
06	<input checked="" type="checkbox"/>	103, 304, 357 fail daily tests. 164, 238, 239 weak/noisy.	6.1 6.2
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

 Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
 Line acquired with 6 streamers - 12 CDP columns.
 Tail buoy: 5 dead.

RECORDING

Infill line portion complete - good coverage - acceptable front end depth control.

Noise Figures

Misfires	0	Max	3 µB
NDRs	0	Avg	0 µB
Parities		> 10µB	

PROCESSING EDITS

SEQUENCE 073

Date (SOL): 17/02/00

1999/2000 Survey

LineName W00INV1570P2

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	: 07:01	: 08:26		
SP Recorded	: 1001	: 1849		
SP Chargeable	: 1001	: 1849		
SP To Process	: 1001	: 1849		
Recorded Files	: 124	: 971		
Tapes System A	: 30788	: 30789	Maximum	Minimum
Water Depth	:	:		
Feather Angle	:	:		

Wind	Direct	Force
	SE	F 2
Sea	SE	F 2
Swell	SW	1.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	262.5
G1S02	176.9
G1S03	126.0
G1S04	141.5
G1S05	206.7
G1S06	293.9
G1S07	0.0
G1S08	0.0
G2S01	304.5
G2S02	213.3
G2S03	143.0
G2S04	123.1
G2S05	168.6
G2S06	250.1
G2S07	0.0
G2S08	0.0

SOURCE	01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
	02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots
Comments:	Acceptable array performance. SP 1750 depth indicator on gun 201 disabled. SP 4500 apparent autofire on gun 703.		

Manifold Pressure	
Min:	1950 psi
Mean:	1965 psi
Max:	1968 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/> 149, 286, 366, 368 fail daily tests.	5.8	6.4
02	<input checked="" type="checkbox"/> 106, 110, 111, 124, 311 fail daily tests.	5.9	6.9
03	<input checked="" type="checkbox"/> 137 fail daily tests.	5.9	6.4
04	<input checked="" type="checkbox"/> 364 fail daily tests.	5.7	5.2
05	<input checked="" type="checkbox"/> 110, 254 ,fail daily tests.	5.7	6.3
06	<input checked="" type="checkbox"/> 103, 304, 357 fail daily tests. 164, 238, 239 weak/noisy.	6.1	6.2
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:		Min	Max
- Weak	Refer to above comments	Depth	
- Killed	Refer to above comments		
- Noisy	Refer to above comments		
Comments:	Automatic depth editing range below 4.5 metres and above 7.5 metres Line acquired with 6 streamers - 12 CDP columns. Tail buoy: 5 dead.		

RECORDING	Line portion complete - good streamer balance and control. Previously shot as sequence 071.	Noise Figures
		SOL 2 µB
		EOL 3 µB
Misfires 0		Max 3 µB
NDRs 0		Avg 0 µB
Parities 0		> 10µB

PROCESSING EDITS	
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SEQUENCE 074

Date (SOL): 17/02/00

1999/2000 Survey

LineName W00INV1786P3

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	11:06	12:16	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SE</td> <td>F 2</td> </tr> <tr> <td>Sea</td> <td>SE</td> <td>F 2</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>1.0 m</td> </tr> </table>			Direct	Force	Wind	SE	F 2	Sea	SE	F 2	Swell	SW	1.0 m
	Direct	Force														
Wind	SE	F 2														
Sea	SE	F 2														
Swell	SW	1.0 m														
SP Recorded	1900	1200														
SP Chargeable	1900	1200	<table border="1"> <tr> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>104.0</td> <td>90.0</td> </tr> </table>		Maximum	Minimum	104.0	90.0								
Maximum	Minimum															
104.0	90.0															
SP To Process	1900	1200														
Recorded Files	131	847	<table border="1"> <tr> <td>Feather Angle</td> <td>9.5</td> <td>-1.8</td> <td>9.5</td> <td>0.0</td> </tr> </table>		Feather Angle	9.5	-1.8	9.5	0.0							
Feather Angle	9.5	-1.8			9.5	0.0										
Tapes System A	30790	30791														
Water Depth	90.0	104.0														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	259.9
G1S02	175.0
G1S03	124.9
G1S04	142.1
G1S05	210.3
G1S06	297.4
G1S07	0.0
G1S08	0.0
G2S01	299.8
G2S02	209.1
G2S03	139.3
G2S04	121.7
G2S05	171.7
G2S06	254.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. SP 1460 autofire

Manifold Pressure	
Min:	1950 psi
Mean:	1965 psi
Max:	1968 psi

STREAMER	Comments		Min	Max
01	<input checked="" type="checkbox"/>	149, 366, fail daily tests.	5.8	6.4
02	<input checked="" type="checkbox"/>	110, 111, 124, fail daily tests. 66 occasional spikes	5.9	6.9
03	<input checked="" type="checkbox"/>	317 fail daily tests.	5.9	6.4
04	<input checked="" type="checkbox"/>	364 fail daily tests.	5.7	5.2
05	<input checked="" type="checkbox"/>	110, 254, 367 fail daily tests.	5.7	6.3
06	<input checked="" type="checkbox"/>	357, 70, fail daily tests.	6.1	6.2
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
Line acquired with 6 streamers - 12 CDP columns.
Tail buoy: 5 dead.

RECORDING	Line complete - acceptable coverage - good cable depth control. Line charged as infill.		Noise Figures	
Misfires	1	1460 autofire	SOL	4 µB
NDRs	0		EOL	2 µB
Parities	0		Max	4 µB
			Avg	0 µB
			>10µB	

PROCESSING EDITS	SPECIAL NOTE: Charged as infill.

SEQUENCE 074

Date (SOL): 17/02/00

1999/2000 Survey

LineName W00INV1786P3

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	12:16	12:52		
SP Recorded	1199	817		
SP Chargeable	1199	817		
SP To Process	1199	817		
Recorded Files	848	1214		
Tapes System A	30791	30792		
Water Depth	90.0	104.0	Maximum 104.0	Minimum 90.0
Feather Angle	9.5	-1.8	9.5	0.0

	Direct	Force
Wind	SE	F 2
Sea	SE	F 2
Swell	SW	1.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	259.9
G1S02	175.0
G1S03	124.9
G1S04	142.1
G1S05	210.3
G1S06	297.4
G1S07	0.0
G1S08	0.0
G2S01	299.8
G2S02	209.1
G2S03	139.3
G2S04	121.7
G2S05	171.7
G2S06	254.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. Acceptable array performance.

Manifold Pressure

Min:	1950 psi
Mean:	1965 psi
Max:	1968 psi

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 149, 366, fail daily tests.	5.8	6.4
02	<input checked="" type="checkbox"/> 110, 111, 124, fail daily tests.	5.9	6.9
03	<input checked="" type="checkbox"/> 317 fail daily tests.	5.9	6.4
04	<input checked="" type="checkbox"/> 364 fail daily tests.	5.7	5.2
05	<input checked="" type="checkbox"/> 110, 254, 367 fail daily tests.	5.7	6.3
06	<input checked="" type="checkbox"/> 357, 70, fail daily tests.	6.1	6.2
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

 Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
 Line acquired with 6 streamers - 12 CDP columns.
 Tail buoy: 5 dead.

RECORDING

 Line complete - acceptable coverage - good cable depth control.
 This line portion is PRIME acquisition following on directly from infill.

Noise Figures

Misfires	0		Max	
NDRs	0		Avg	0 µB
Parities	0		> 10µB	

PROCESSING EDITS

SEQUENCE 075

Date (SOL): 17/02/00

1999/2000 Survey

LineName W00INV157011

Line Heading 009.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	15:07	21:55		
SP Recorded	1001	5073		
SP Chargeable	1001	5073		
SP To Process	1001	5073		
Recorded Files	129	4201		
Tapes System A	30793	30802		
Water Depth	111.0	61.0	Maximum	Minimum
Feather Angle	5.8	-6.3	-6.3	0.0

	Direct	Force
Wind	SE	F 2
Sea	SE	F 2
Swell	SW	1.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	264.2
G1S02	178.0
G1S03	126.0
G1S04	141.0
G1S05	207.7
G1S06	295.0
G1S07	
G1S08	
G2S01	304.0
G2S02	212.5
G2S03	141.7
G2S04	121.0
G2S05	169.4
G2S06	251.9
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance.

Manifold Pressure	
Min:	1950 psi
Mean:	1965 psi
Max:	1968 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/> 149, 366, fail daily tests. 209, 210 noisy	5.8	6.4
02	<input checked="" type="checkbox"/> 110, 111, 124, fail daily tests.	5.9	6.9
03	<input checked="" type="checkbox"/> 317 fail daily tests. 68, 318 occasional noise spikes	5.9	6.4
04	<input checked="" type="checkbox"/> 364 fail daily tests.	5.7	6.7
05	<input checked="" type="checkbox"/> 110, 254, 367 fail daily tests.	5.7	6.3
06	<input checked="" type="checkbox"/> 357, 70, fail daily tests. 238, 239 noisy	6.1	6.2
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
Line acquired with 6 streamers - 12 CDP columns.
Tail buoy: 5 dead.
Acoustic: Good.

RECORDING		Noise Figures
	Missed SP 1229-1235 due to resetting gun monitor. Good cable balance and control.	SOL 3 µB
		EOL 3 µB
Misfires	1	Max 3 µB
NDRs	7 1229-1235	Avg 0 µB
Parities	0	> 10µB

PROCESSING EDITS	
	SP 1229-1235 no data - resetting GSM

SEQUENCE 076

Date (SOL): 18/02/00

1999/2000 Survey

LineName W00INV1738P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	: 00:14	: 06:44		
SP Recorded	: 4733	: 817		
SP Chargeable	: 4733	: 817		
SP To Process	: 4733	: 817		
Recorded Files	: 146	: 4062		
Tapes System A	: 30803	: 30810	Maximum	Minimum
Water Depth	:	:		
Feather Angle	:	:		

Wind	Direct	Force
	SE	F 2
Sea	SE	F 2
Swell	SW	1.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	261.2
G1S02	175.9
G1S03	125.9
G1S04	141.2
G1S05	208.2
G1S06	295.3
G1S07	
G1S08	
G2S01	300.0
G2S02	209.3
G2S03	140.3
G2S04	123.4
G2S05	172.1
G2S06	254.2
G2S07	
G2S08	

SOURCE	01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
	02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots
Comments:	Acceptable array performance. SP 3765 guns 201 and 202 disabled to end of line.		

Manifold Pressure	
Min:	1952 psi
Mean:	1958 psi
Max:	1960 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	149, 366, fail daily tests.	5.8	6.4
02	<input checked="" type="checkbox"/>	62, 110, 111, 124, fail daily tests.	5.9	6.9
03	<input checked="" type="checkbox"/>	137 fail daily tests.	5.9	6.4
04	<input checked="" type="checkbox"/>	364, 92 fail daily tests.	5.7	6.7
05	<input checked="" type="checkbox"/>	110, 254, 367, 92 fail daily tests.	5.7	6.3
06	<input checked="" type="checkbox"/>	70, 357 fail daily tests.	6.1	6.2
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			

Traces:		Min	Max
- Weak	Refer to above comments	Depth	
- Killed	Refer to above comments		
- Noisy	Refer to above comments		
Comments:	Automatic depth editing range below 4.5 metres and above 7.5 metres Line acquired with 6 streamers - 12 CDP columns. Tail buoy: 5 dead. Acoustic: Good		

RECORDING	Good cable balance and control.	Noise Figures	
		SOL	3 µB
		EOL	3 µB
Misfires	4 4588 autofire. 3893, 3891, 389, 3813 misfires/timing	Max	3 µB
NDRs	0	Avg	0 µB
Parities	0	> 10µB	

PROCESSING EDITS	
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SEQUENCE 077

Date (SOL): 18/02/00

1999/2000 Survey

LineName W00INV1558P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Incomplete

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	: 09:07	: 12:08		
SP Recorded	: 1001	: 2782		
SP Chargeable	: 1001	: 2782		
SP To Process	: 1001	: 2782		
Recorded Files	:	:		
Tapes System A	: 30811	: 30816	Maximum	Minimum
Water Depth	:	:		
Feather Angle	:	:		

Wind	Direct	Force
	SE	F 2
Sea	SE	F 2
Swell	SW	1.3 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	265.5
G1S02	179.4
G1S03	126.4
G1S04	140.6
G1S05	206.2
G1S06	293.1
G1S07	
G1S08	
G2S01	308.5
G2S02	217.2
G2S03	145.5
G2S04	122.6
G2S05	168.0
G2S06	248.9
G2S07	
G2S08	

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Manifold Pressure

Min:	1950 psi
Mean:	1950 psi
Max:	1895 psi

Comments:

Acceptable array performance. LGSP 2782 due to airleaks and problems with gunstring 7
 Gun depth indicators not operating on guns 201 and 301.
 SP 2562 guns 801-802 disabled volume 1950
 SP 2790 gun 707 disabled volume 1895 - below spec. abort line.

STREAMER

Comments			
01	<input checked="" type="checkbox"/>	149, 366, fail daily tests.	5.8 6.4
02	<input checked="" type="checkbox"/>	10, 111, 124, fail daily tests.	5.9 6.9
03	<input checked="" type="checkbox"/>	110, 137 fail daily tests. 138 spiking	5.9 6.4
04	<input checked="" type="checkbox"/>	364, 92 fail daily tests.	5.7 6.7
05	<input checked="" type="checkbox"/>	110, 254, 367, 92 fail daily tests.	5.7 6.3
06	<input checked="" type="checkbox"/>	70, 357 fail daily tests. 238/239 noisy	6.1 6.2
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments:

Automatic depth editing range below 4.5 metres and above 7.5 metres
 Line acquired with 6 streamers - 12 CDP columns.
 Tail buoy: 5 dead.
 Acoustic: Good

RECORDING

Good cable balance and control up to the LGSP 2782 then abandoned due to air leaks and gun problems on array string 7. Completed with sequence 78.

Noise Figures	
SOL	3 µB
EOL	3 µB
Max	3 µB
Avg	0 µB
>10µB	

Misfires

11	2348, 1178, 1246, 1248, 1256, 1258, 1254, 1484, 1680, 1684, 1690 autofires.
----	---

NDRs

3	2366, 2368, 2554 synch. errors.
---	---------------------------------

Parities

0	
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PROCESSING EDITS

FULL EDIT: SP 2783-2911 due to gun timing errors and low volume. LGSP 2782.

SEQUENCE 078

Date (SOL): 18/02/00

1999/2000 Survey

LineName W00INV1558P2

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	: 16:33	: 20:25	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SE</td> <td>F 2</td> </tr> <tr> <td>Sea</td> <td>SE</td> <td>F 2</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>1.3 m</td> </tr> </table>			Direct	Force	Wind	SE	F 2	Sea	SE	F 2	Swell	SW	1.3 m
	Direct	Force														
Wind	SE	F 2														
Sea	SE	F 2														
Swell	SW	1.3 m														
SP Recorded	: 2783	: 5073														
SP Chargeable	: 2783	: 5073														
SP To Process	: 2783	: 5073	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td></td> <td></td> </tr> <tr> <td>Feather Angle</td> <td></td> <td></td> </tr> </table>			Maximum	Minimum	Water Depth			Feather Angle					
	Maximum	Minimum														
Water Depth																
Feather Angle																
Recorded Files	: 125	: 2425														
Tapes System A	: 30817	: 30822														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	262.4
G1S02	176.9
G1S03	126.1
G1S04	142.1
G1S05	209.1
G1S06	296.6
G1S07	
G1S08	
G2S01	302.3
G2S02	211.1
G2S03	141.0
G2S04	122.4
G2S05	171.1
G2S06	253.5
G2S07	
G2S08	

SOURCE	01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
	02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots
Comments:	Acceptable array performance. SP 4223 gun 207 disabled volume 2195 cu. in SP 4412 gun 707 disabled volume 2105 cu in SOL Noise analysis on file 101 written to tape but no data recorded. SP 3820 gun 206 pressure monitor disabled to the end of line.		

Manifold Pressure	
Min:	1950 psi
Mean:	1960 psi
Max:	1960 psi

STREAMER	Comments			Min	Max
01	<input checked="" type="checkbox"/>	149, 366, fail daily tests.		5.8	6.4
02	<input checked="" type="checkbox"/>	110, 111, 124, fail daily tests.		5.9	6.9
03	<input checked="" type="checkbox"/>	110, 137 fail daily tests.		5.9	6.4
04	<input checked="" type="checkbox"/>	364 fail daily tests.		5.7	6.7
05	<input checked="" type="checkbox"/>	110, 254, 367 fail daily tests.		5.7	6.3
06	<input checked="" type="checkbox"/>	70, 357 fail daily tests.		6.1	6.2
07	<input type="checkbox"/>				
08	<input type="checkbox"/>				
Traces:				Min	Max
- Weak	Refer to above comments			Depth	
- Killed	Refer to above comments				
- Noisy	Refer to above comments				
Comments:	Automatic depth editing range below 4.5 metres and above 7.5 metres Line acquired with 6 streamers - 12 CDP columns. Tail buoy: 5 dead. Acoustic: Good				

RECORDING	Continuation of previous line sequence to completion.		Noise Figures	
			SOL	3 µB
			EOL	3 µB
Misfires	6	4396, 4398, 4402, 4404, 4406, 4410 synch/timing errors above 1.5ms	Max	3 µB
NDRs	9	4374, 4384, 4831, 4903, 4917, 4948, 4958, 4970, 4993 autorifres edited.	Avg	0 µB
Parities	0		>10µB	

PROCESSING EDITS

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SEQUENCE 079

Date (SOL): 18/02/00

1999/2000 Survey

LineName W00INV1726P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	23:06	05:37	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SE</td> <td>F 2</td> </tr> <tr> <td>Sea</td> <td>SE</td> <td>F 2</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>1.3 m</td> </tr> </table>			Direct	Force	Wind	SE	F 2	Sea	SE	F 2	Swell	SW	1.3 m
	Direct	Force														
Wind	SE	F 2														
Sea	SE	F 2														
Swell	SW	1.3 m														
SP Recorded	4745	817														
SP Chargeable	4745	817														
SP To Process	4745	817	Maximum	Minimum												
Recorded Files	134	665														
Tapes System A	30823	30831														
Water Depth																
Feather Angle																

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	260.2
G1S02	175.3
G1S03	125.2
G1S04	139.7
G1S05	206.6
G1S06	293.8
G1S07	0.0
G1S08	0.0
G2S01	298.7
G2S02	208.3
G2S03	139.3
G2S04	122.4
G2S05	170.8
G2S06	252.9
G2S07	0.0
G2S08	0.0

SOURCE	01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
	02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots
Comments:	Acceptable array performance. SP 4743 gun 207 disabled. SP 4715 gun 206 disabled.		

Manifold Pressure	
Min:	1950 psi
Mean:	1960 psi
Max:	1960 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/>	149, 366, fail daily tests.	5.8 6.4
02	<input checked="" type="checkbox"/>	110, 111, 124, fail daily tests. 41 soiking/noisy	5.9 6.9
03	<input checked="" type="checkbox"/>	110, 137 fail daily tests.	5.9 6.4
04	<input checked="" type="checkbox"/>	364 fail daily tests.	5.7 6.7
05	<input checked="" type="checkbox"/>	110, 254, 367 fail daily tests.	5.7 6.3
06	<input checked="" type="checkbox"/>	70, 304, 357 fail daily tests. 238 spiking/noisy	6.1 6.2
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		
Traces:			Min Max Depth
- Weak	Refer to above comments		
- Killed	Refer to above comments		
- Noisy	Refer to above comments		
Comments:	Automatic depth editing range below 4.5 metres and above 7.5 metres Line acquired with 6 streamers - 12 CDP columns. Tail buoy: 5 dead. Acoustic: good		

RECORDING	Line continued through midnight to completion. Good depth control.	Noise Figures
		SOL 3 µB
		EOL 4 µB
Misfires	3	Max 4 µB
NDRs	1 3522 lost shot.	Avg 0 µB
Parities	0	>10µB

PROCESSING EDITS	
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SEQUENCE 080

Date (SOL): 19/02/00

1999/2000 Survey

LineName W00INV1546P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather															
Recording Time	07:54	14:43	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>NE</td> <td>F 3</td> </tr> <tr> <td>Sea</td> <td>NE</td> <td>F 3</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>1.6 m</td> <td></td> <td></td> </tr> </table>			Direct	Force	Wind	NE	F 3	Sea	NE	F 3	Swell	SW	1.6 m		
	Direct	Force																
Wind	NE	F 3																
Sea	NE	F 3																
Swell	SW	1.6 m																
SP Recorded	1001	5073																
SP Chargeable	1001	5073																
SP To Process	1001	5083																
Recorded Files	128	4200																
Tapes System A	30832	30841	Maximum	Minimum														
Water Depth	111.0	61.0	111.0	61.0														
Feather Angle	-23.0	2.3	2.3	-23.0														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	265.7
G1S02	178.7
G1S03	126.3
G1S04	141.0
G1S05	207.1
G1S06	294.8
G1S07	
G1S08	
G2S01	308.4
G2S02	216.2
G2S03	144.8
G2S04	122.9
G2S05	168.7
G2S06	250.8
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance.
 SP 1951 gun 308 disabled. Volume 2210 cubic inches.
 SP 2866 guns 701-702 disabled. Volume 2210 cubic inches.

Manifold Pressure	
Min:	1962 psi
Mean:	1950 psi
Max:	1960 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	149, 366, fail daily tests.	5.8	6.4
02	<input checked="" type="checkbox"/>	41, 110, 111, 124, fail daily tests.	5.9	6.9
03	<input checked="" type="checkbox"/>	110, 137 fail daily tests.	5.9	6.4
04	<input checked="" type="checkbox"/>	364 fail daily tests.	5.7	6.7
05	<input checked="" type="checkbox"/>	110, 254, 367 fail daily tests.	5.7	6.3
06	<input checked="" type="checkbox"/>	70, 357 fail daily tests.	6.1	6.2
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
 Line acquired with 6 streamers - 12 CDP columns.
 Tail buoy: 5 dead.
 Acoustic: good

RECORDING	Noise Figures	
Line completed - slight random bursts of swell noise - good cable depth control Channel 6, traces 65, 164, 238, 239 spiking on SOL noise record. Very high feather at the SOL due to a fishing trawler operating near the southern border.	SOL	3 µB
	EOL	3 µB
Misfires: 7	Max	4 µB
NDRs: 16	Avg	0 µB
Parities: 0	> 10µB	

PROCESSING EDITS

SEQUENCE 081

Date (SOL): 19/02/00

1999/2000 Survey

LineName W00INV1714P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	17:40	00:28	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>NE</td> <td>F 2</td> </tr> <tr> <td>Sea</td> <td>NE</td> <td>F 3</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>1.5 m</td> </tr> </table>			Direct	Force	Wind	NE	F 2	Sea	NE	F 3	Swell	SW	1.5 m
	Direct	Force														
Wind	NE	F 2														
Sea	NE	F 3														
Swell	SW	1.5 m														
SP Recorded	4757	817														
SP Chargeable	4757	817														
SP To Process	4757	1001	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>121.0</td> <td>64.0</td> </tr> <tr> <td>Feather Angle</td> <td>-4.2</td> <td>0.0</td> </tr> </table>			Maximum	Minimum	Water Depth	121.0	64.0	Feather Angle	-4.2	0.0			
	Maximum	Minimum														
Water Depth	121.0	64.0														
Feather Angle	-4.2	0.0														
Recorded Files	112	4052														
Tapes System A	30842	30850														
Water Depth	64.0	121.0														
Feather Angle	-4.2	3.8														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	265.0
G1S02	178.7
G1S03	126.7
G1S04	141.7
G1S05	208.4
G1S06	296.0
G1S07	
G1S08	
G2S01	307.5
G2S02	216.1
G2S03	145.1
G2S04	122.9
G2S05	170.0
G2S06	252.1
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance.
SP 4502 guns 701-702 cluster disabled to the end of line

Manifold Pressure	
Min:	1950 psi
Mean:	1960 psi
Max:	1962 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	149, 366, fail daily tests.	5.8	6.4
02	<input checked="" type="checkbox"/>	110, 111, 124, fail daily tests.	5.9	6.9
03	<input checked="" type="checkbox"/>	110, 137 fail daily tests.	5.9	6.4
04	<input checked="" type="checkbox"/>	364 fail daily tests.	5.7	6.7
05	<input checked="" type="checkbox"/>	110, 254, 367 fail daily tests.	5.7	6.3
06	<input checked="" type="checkbox"/>	70, 357 fail daily tests.	6.1	6.2
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
Line acquired with 6 streamers - 12 CDP columns.
Tail buoy: 5 dead.
Acoustic: good

RECORDING	Noise Figures	
Line completed - continued through midnight - slight random bursts of swell noise - good cable depth control. Depth indicator on bird 20, cable 6 erratic.	SOL	3 µB
	EOL	3 µB
Misfires: 9 SP 4684, 4682, 4680, 4664, 4580, 4578, 4576, 4514, 4504 synch/timing errors	Max	3 µB
NDRs: 0	Avg	0 µB
Parities: 0	>10µB	

PROCESSING EDITS

SEQUENCE 082

Date (SOL): 20/02/00

1999/2000 Survey

LineName W00INV1534P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	: 02:42	: 09:38		
SP Recorded	: 1001	: 5073		
SP Chargeable	: 1001	: 5073		
SP To Process	: 1001	: 5073		
Recorded Files	: 135	: 4206		
Tapes System A	: 30851	: 30860		
Water Depth	: 113.0	: 60.0	Maximum	Minimum
Feather Angle	: -3.8	: 2.7	: -3.8	: 0.0

Wind	Direct	Force
	SE	F 2
Sea	SE	F 3
Swell	SW	1.6 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	265.7
G1S02	178.4
G1S03	126.9
G1S04	142.8
G1S05	209.1
G1S06	296.8
G1S07	
G1S08	
G2S01	310.4
G2S02	217.7
G2S03	146.3
G2S04	122.5
G2S05	168.2
G2S06	250.2
G2S07	
G2S08	

SOURCE	01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
	02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots
Comments:	Acceptable array performance. SP 2327-2343 pressure on gun arrays 1750 psi. Not edited. Missed Sp 4325		

Manifold Pressure	
Min:	1805 psi
Mean:	1962 psi
Max:	1962 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	149, 366, fail daily tests.	5.8	6.4
02	<input checked="" type="checkbox"/>	41, 110, 111, 124, fail daily tests.	5.9	6.9
03	<input checked="" type="checkbox"/>	4, 110, 137 fail daily tests.	5.9	6.4
04	<input checked="" type="checkbox"/>	364 fail daily tests.	5.7	6.7
05	<input checked="" type="checkbox"/>	110, 254, 367 fail daily tests.	5.7	6.3
06	<input checked="" type="checkbox"/>	70, 304, 357 fail daily tests.	6.1	6.2
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:		Min	Max
- Weak	Refer to above comments	Depth	
- Killed	Refer to above comments		
- Noisy	Refer to above comments		
Comments:	Automatic depth editing range below 4.5 metres and above 7.5 metres Line acquired with 6 streamers - 12 CDP columns. Tail buoy: 5 dead. Acoustic: good		

RECORDING	Line completed - slight weak random bursts of swell noise - good cable depth control. Bird 17 on cable 2 out of spec SP 2860-2910 due to possible fishing gear or debris tangled on the unit.	Noise Figures
Misfires	0	SOL 3 µB
NDRs	423 Missed SP - not data recorded.	EOL 3 µB
Parities	0	Max 3 µB
		Avg 0 µB
		> 10µB

PROCESSING EDITS

SEQUENCE 083

Date (SOL): 20/02/00

1999/2000 Survey

LineName W00INV1714I1

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Scratched

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	11:47	12:07		
SP Recorded	4757	4564		
SP Chargeable	0	0		
SP To Process	0	0		
Recorded Files	135	386		
Tapes System A	30861	30861		
Water Depth	64.0	67.0	Maximum	Minimum
Feather Angle	2.3	-2.5	67.0	64.0
			-2.5	0.0

	Direct	Force
Wind	SE	F 4
Sea	SE	F 4
Swell	SW	2.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	
G1S02	
G1S03	
G1S04	
G1S05	
G1S06	
G1S07	
G1S08	
G2S01	
G2S02	
G2S03	
G2S04	
G2S05	
G2S06	
G2S07	
G2S08	

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance.

Manifold Pressure	
Min:	1950 psi
Mean:	1950 psi
Max:	1960 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	149, 366, fail daily tests.	5.8	6.4
02	<input checked="" type="checkbox"/>	110, 111, 124, fail daily tests.	5.9	6.9
03	<input checked="" type="checkbox"/>	110, 137 fail daily tests.	5.9	6.4
04	<input checked="" type="checkbox"/>	364 fail daily tests.	5.7	6.7
05	<input checked="" type="checkbox"/>	110, 254, 367 fail daily tests.	5.7	6.3
06	<input checked="" type="checkbox"/>	70, 357 fail daily tests.	6.1	6.2
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres
Line acquired with 6 streamers - 12 CDP columns.
Tail buoy: 5 dead.
Acoustic: good

RECORDING	Noise Figures	
Attempt data acquisition during nominal line change allowance. Line abandoned due to increasing swell noise and forecast very rough conditions. Depth controller/bird 20 erratic on line - disregard data. Completed with seq. 86.	SOL	3 µB
	EOL	5 µB
Misfires 0	Max	7 µB
NDRs 0	Avg	0 µB
Parities 0	> 10µB	

PROCESSING EDITS **SCRATCHED: - NOT TO BE PROCESSED.**

SEQUENCE 084

Date (SOL): 28/02/00

1999/2000 Survey

LineName W00INV153411

Line Heading 009.0 °

Investigator 3D

Line Type: Infill

Line Status: Scratched

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	06:59	13:57		
SP Recorded	1001	5073		
SP Chargeable	1001	5073		
SP To Process	1001	5073		
Recorded Files	136	4206		
Tapes System A	30862	30871		
Water Depth	116.5	61.8	Maximum	Minimum
Feather Angle	-3.4	0.0	-11.5	2.0

	Direct	Force
Wind	ESE	F 3
Sea	ESE	F 2
Swell	WSW	2.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Erratic gun depths due to swell.
Gun 708 disabled from SOL Port volume 2210 in³
SP 4025 guns 303 & 304 disabled, starboard volume 2090 in³

Manifold Pressure	
Min:	1800 psi
Mean:	1908 psi
Max:	1900 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/> 149, 366, fail daily tests. 338 noisy.	5.9	6.0
02	<input checked="" type="checkbox"/> 1,41,105,110, 124, fail daily tests. 108 noisy 177 spiking	5.9	6.0
03	<input checked="" type="checkbox"/> 55, 110, 317 fail daily tests. 161 noisy.	5.9	6.4
04	<input checked="" type="checkbox"/> 95,364 fail daily tests.	5.9	6.1
05	<input checked="" type="checkbox"/> 110,254 fail daily tests. 254 noisy	5.9	6.0
06	<input checked="" type="checkbox"/> 357 fail daily tests. 103,313,351,352 noisy	5.9	6.0
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. Streamer 6 edited due to telemetry errors. SP 2820-2840 S6C8 @ 8.7 metres.

RECORDING		Noise Figures
	Infill line acquired as progressive fill, to correct steering offsets. Line completed - random bursts of swell noise - reasonable cable depth control despite swell. Telemetry errors on streamer 6, edited from coverage, not charged. Scratched on 3rd Mar due to noise in brute stack. Reshot with seq. 97.	SOL 8 µB
Misfires	16 1378,1402,1406,1432,1774,1968,1970,2294,3743,3867,3913,3931,3993,4019,4021,4023 sync/timing	EOL 11 µB
NDRs	2 4539,4874 missed.	Max 13 µB
Parities		Avg 9 µB
		>10µB % 22

PROCESSING EDITS

SCRATCHED: NTBP due to noise, 3/3/00.
TRACE EDIT: Streamer 6 edited from coverage, not charged.

SEQUENCE 085

Date (SOL): 29/02/00

1999/2000 Survey

LineName W00INV1522P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	23:32	06:33		
SP Recorded	1001	5073		
SP Chargeable	1001	5073		
SP To Process	1001	5073		
Recorded Files	172	4244		
Tapes System A	30872	30881		
Water Depth	114.8	60.0	Maximum	Minimum
Feather Angle	-5.8	0.6	-5.8	4.4

	Direct	Force
Wind	SSE	F 5
Sea	SSE	F 3
Swell	SW	2.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Erratic gun depths due to swell.
SP 1805-2691 gun 205 disabled, disabled for auto fires, found to be OK by processing.
SP 2687 guns 201 & 202 disabled. Vol= 1950 in³.

Manifold Pressure	
Min:	1879 psi
Mean:	1910 psi
Max:	1940 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/> 149, 366, fail daily tests.	5.9	6.0
02	<input checked="" type="checkbox"/> 1,41,124, fail daily tests. 6,177 occ. kicking	5.8	6.0
03	<input checked="" type="checkbox"/> 55, 110, 317 fail daily tests. 355 noisy.	5.9	6.2
04	<input checked="" type="checkbox"/> 95,364 fail daily tests. 344 noisy	5.8	6.3
05	<input checked="" type="checkbox"/> 110,254 fail daily tests.	5.9	6.1
06	<input checked="" type="checkbox"/> 357 fail daily tests.	4.8	6.0
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. S6C13 no communications for whole line.

RECORDING		Noise Figures
	Line completed - random bursts of swell noise - reasonable cable depth control. Reasonable feather matching with coverage stacked along adjacent area. Gun string separation 6-7 narrow at SOL, probably due to crab increasing at SP 1800.	SOL 7 µB
Misfires	16 1472,1784,1786,1862,4664,4793,2683,2685,2687,2691,2693,2695,2697 sync/timing errors	EOL 4 µB
NDRs	2684 auto fire and 2689 low volume array 1.	Max 9 µB
Parities		Avg 5 µB
		>10µB % 11

PROCESSING EDITS	
	None

SEQUENCE 086

Date (SOL): 01/03/00

1999/2000 Survey

LineName W00INV171412

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	09:20	15:57	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SE</td> <td>F 5</td> </tr> <tr> <td>Sea</td> <td>SE</td> <td>F 3</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>1.5 m</td> </tr> </table>			Direct	Force	Wind	SE	F 5	Sea	SE	F 3	Swell	SW	1.5 m
	Direct	Force														
Wind	SE	F 5														
Sea	SE	F 3														
Swell	SW	1.5 m														
SP Recorded	4757	817														
SP Chargeable	4757	817														
SP To Process	4757	817	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>118.3</td> <td>63.0</td> </tr> <tr> <td>Feather Angle</td> <td>8.2</td> <td>-2.6</td> </tr> </table>			Maximum	Minimum	Water Depth	118.3	63.0	Feather Angle	8.2	-2.6			
	Maximum	Minimum														
Water Depth	118.3	63.0														
Feather Angle	8.2	-2.6														
Recorded Files	149	4089														
Tapes System A	30882	30890														
Water Depth	63.0	118.3														
Feather Angle	7.0	-1.7														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Erratic gun depths due to swell.
SP 1200 gun separation between strings 6 & 7 low due to increase in speed. Separation between G1-G2 down to 44 metres.

Manifold Pressure	
Min:	1820 psi
Mean:	1908 psi
Max:	1900 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/> 149, 366, fail daily tests. 112 occ. noisy	5.9	6.1
02	<input checked="" type="checkbox"/> 1,41,124, fail daily tests. 6,66,113,112,239 noisy	5.7	6.8
03	<input checked="" type="checkbox"/> 110, 317,355 fail daily tests. 68, 161 noisy	5.8	6.5
04	<input checked="" type="checkbox"/> 364 fail daily tests. 115,280 occ.noisy	5.9	6.4
05	<input checked="" type="checkbox"/> 66,110,254 fail daily tests. 280,306	6.0	6.1
06	<input checked="" type="checkbox"/> 357 fail daily tests.	5.9	6.1
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. S6C17 no communications for SP 1340-EOL. Separation between S3-4 low due to currents.

RECORDING		Noise Figures
	Infill line acquired as progressive fill- random bursts of swell noise - reasonable cable depth control. Feather mismatch at SOL, with near /nearmid coverage steered, later easing as feather decreased. PDL time stamp problems being resolved. Processing checks confirm data recorded correct. Reshoot of sequence 83.	SOL 5 µB
Misfires	3 1348,1236,1234 gun sync errors.	EOL 3 µB
NDRs		Max 5 µB
Parities		Avg 4 µB
		> 10µB % 6

PROCESSING EDITS	
	None

SEQUENCE 087

Date (SOL): 01/03/00

1999/2000 Survey

LineName W00INV1510P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	18:14	01:11	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>ESE</td> <td>F 4</td> </tr> <tr> <td>Sea</td> <td>E</td> <td>F 3</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>1.5 m</td> </tr> </table>			Direct	Force	Wind	ESE	F 4	Sea	E	F 3	Swell	SW	1.5 m
	Direct	Force														
Wind	ESE	F 4														
Sea	E	F 3														
Swell	SW	1.5 m														
SP Recorded	1001	5073														
SP Chargeable	1001	5073														
SP To Process	1001	5073	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>114.0</td> <td>61.0</td> </tr> <tr> <td>Feather Angle</td> <td>0.8</td> <td>-2.6</td> </tr> <tr> <td></td> <td>-7.9</td> <td>0.9</td> </tr> </table>			Maximum	Minimum	Water Depth	114.0	61.0	Feather Angle	0.8	-2.6		-7.9	0.9
	Maximum	Minimum														
Water Depth	114.0	61.0														
Feather Angle	0.8	-2.6														
	-7.9	0.9														
Recorded Files	178	4250														
Tapes System A	30891	30900														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Erratic gun depths due to swell.
Gun 708 disabled from SOL-EOL, volume 2210 in³

Manifold Pressure	
Min:	1860 psi
Mean:	1910 psi
Max:	1941 psi

STREAMER	Comments		Min	Max
01	<input checked="" type="checkbox"/>	149, 366, fail daily tests.	5.9	6.0
02	<input checked="" type="checkbox"/>	1,41,124, fail daily tests. 239 noisy 6 weak	5.9	6.0
03	<input checked="" type="checkbox"/>	110, 317,355 fail daily tests. 161 noisy	5.9	6.1
04	<input checked="" type="checkbox"/>	364 fail daily tests. 344 noisy	5.9	6.2
05	<input checked="" type="checkbox"/>	110,254,367 fail daily tests. 280,306 occ. noisy	6.0	6.0
06	<input checked="" type="checkbox"/>	70,304,357 fail daily tests. 16,17 slightly noisy.	5.9	6.1
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres.

RECORDING	Line complete - random bursts of swell noise - reasonable cable depth control.		Noise Figures	
			SOL	3 µB
			EOL	4 µB
Misfires	4	3037,3038,3039,3040 gun autofires	Max	5 µB
NDRs	2	2140,2347 external header errors.	Avg	4 µB
Parities			>10µB	% 6

PROCESSING EDITS	None

SEQUENCE 088

Date (SOL): 02/03/00

1999/2000 Survey

LineName W00INV1702P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	03:39	10:06		
SP Recorded	4768	817		
SP Chargeable	4768	817		
SP To Process	4768	817		
Recorded Files	137	4088		
Tapes System A	30901	30909		
Water Depth	62.0	117.0	Maximum	Minimum
Feather Angle	-5.5	2.2	-7.7	4.8

	Direct	Force
Wind	ESE	F 3
Sea	E	F 2
Swell	SW	1.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance.

Manifold Pressure

Min:	1860 psi
Mean:	1918 psi
Max:	1900 psi

STREAMER

Comments			
01	<input checked="" type="checkbox"/>	149, 366, fail daily tests. 17 slightly noisy	5.8 6.0
02	<input checked="" type="checkbox"/>	1,41,124, fail daily tests. 239 noisy 6 bad	6.0 6.0
03	<input checked="" type="checkbox"/>	110, 317,355 fail daily tests. 161 bad.	6.0 6.2
04	<input checked="" type="checkbox"/>	364 fail daily tests.	6.0 6.0
05	<input checked="" type="checkbox"/>	66, 110,254 fail daily tests. 280,306 occ. noisy	5.8 6.0
06	<input checked="" type="checkbox"/>	357 fail daily tests. 16,17,57,65 slightly noisy.	5.9 6.0
07	<input type="checkbox"/>		0.0
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres.

RECORDING

Line complete - random bursts of swell noise - reasonable cable depth control. Separation between S3-4 and gun array separation reduced for line.

Noise Figures

Misfires 6 3662,3658,3656,3654 sync errors, 3664,3660 misfire errors.

SOL	2 µB
EOL	2 µB
Max	3 µB
Avg	2 µB
>10µB	% 0

PROCESSING EDITS

None

SEQUENCE 089

Date (SOL): 02/03/00

1999/2000 Survey

LineName W00INV1678P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	13:23	19:54		
SP Recorded	1001	4976		
SP Chargeable	1001	4976		
SP To Process	1001	4976		
Recorded Files	164	4139		
Tapes System A	30910	30918		
Water Depth	99.8	60.8	Maximum	Minimum
Feather Angle	2.5	1.6	99.8	60.8
			6.0	-1.8

	Direct	Force
Wind	NNW	F 3
Sea	NNW	F 1
Swell	SW	1.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Manifold Pressure

Min:	1840 psi
Mean:	1920 psi
Max:	1940 psi

Comments: Acceptable array performance.
Gun 708 disabled from SOL.

STREAMER

Comments			
01	<input checked="" type="checkbox"/>	149, 366, fail daily tests. 17 slightly noisy	5.9 6.0
02	<input checked="" type="checkbox"/>	1,41,124, fail daily tests. 66,239 slightly noisy 6 bad	6.0 6.0
03	<input checked="" type="checkbox"/>	110, 317,355 fail daily tests. 161 bad	6.0 6.3
04	<input checked="" type="checkbox"/>	364 fail daily tests. 68,189 slightly noisy	6.0 6.0
05	<input checked="" type="checkbox"/>	66, 110,254 fail daily tests. 280,306 occ. noisy	6.0 6.0
06	<input checked="" type="checkbox"/>	357 fail daily tests. 16,17,57,65 slightly noisy.	5.9 6.0
07	<input type="checkbox"/>		0.0
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres.

RECORDING

Line complete - random bursts of swell noise - good cable depth control. Mean separation between S3-4 (88m) and mean gun array separation (42m) reduced for line.

Noise Figures

 Misfires

 NDRs

 Parities

SOL	2 µB
EOL	2 µB
Max	3 µB
Avg	2 µB
>10µB	% 0

PROCESSING EDITS

None

SEQUENCE 090

Date (SOL): 02/03/00

1999/2000 Survey

LineName W00INV1498P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	22:59	05:49		
SP Recorded	4889	817		
SP Chargeable	4889	817		
SP To Process	4889	817		
Recorded Files	160	4232		
Tapes System A	30919	30928		
Water Depth	64.0	140.2	Maximum	Minimum
Feather Angle	5.8	-1.5	6.6	-4.8

	Direct	Force
Wind	VAR	F 2
Sea	VAR	F 1
Swell	SW	0.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

 Comments: Acceptable array performance. DI 108 erratic.
 SP 1487 gun 302 disabled, vol=1950 in³
Manifold Pressure

Min:	1880 psi
Mean:	1920 psi
Max:	1930 psi

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 149, 366, fail daily tests.	6.0	6.0
02	<input checked="" type="checkbox"/> 1,41,124, fail daily tests. 66,239 slightly noisy 6 bad	6.0	6.0
03	<input checked="" type="checkbox"/> 110, 317,355 fail daily tests. 161 bad	5.9	6.2
04	<input checked="" type="checkbox"/> 364 fail daily tests. 68,189 slightly noisy	5.8	6.3
05	<input checked="" type="checkbox"/> 66, 110,254 fail daily tests. 280,306 occ. noisy	5.9	6.0
06	<input checked="" type="checkbox"/> 357 fail daily tests. 16,17,57,65 slightly noisy.	5.9	6.0
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres.

RECORDING

Line complete - random bursts of swell noise - good cable depth control. Mean separation between S3-4 reasonably high (111m) since change to offset.

Noise Figures

SOL	2 µB
EOL	2 µB
Max	3 µB
Avg	2 µB
>10µB	% 0

Misfires 11 4122,2120,2118,4048,4046,4044 sync: 3992,3990 misfires; 1565,1493,1491 autofires.

NDRs

Parities

PROCESSING EDITS

None

SEQUENCE 091

Date (SOL): 03/03/00

1999/2000 Survey

LineName W00INV1690P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	08:15	15:02		
SP Recorded	1001	4964		
SP Chargeable	1001	4964		
SP To Process	1001	4964		
Recorded Files	139	4102		
Tapes System A	30929	30937		
Water Depth	101.5	61.5	Maximum	Minimum
Feather Angle	-0.7	-6.0	-6.1	-0.6

	Direct	Force
Wind	SW	F 4
Sea	SW	F 3
Swell	SW	2.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

 Comments: Acceptable array performance. DI 108 erratic.
Gun DI's erratic towards EOL due to swell.

Manifold Pressure

Min:	1850 psi
Mean:	1948 psi
Max:	1930 psi

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 149, 366, fail daily tests.	5.9	6.1
02	<input checked="" type="checkbox"/> 1,41,124, fail daily tests. 66,239 slightly noisy 6,177 bad	5.9	6.0
03	<input checked="" type="checkbox"/> 110, 317,355 fail daily tests. 161,355 bad 72 occ.noisy	6.0	6.5
04	<input checked="" type="checkbox"/> 364 fail daily tests.	5.9	6.4
05	<input checked="" type="checkbox"/> 66, 110,254 fail daily tests. 280,306 occ. noisy	5.9	6.2
06	<input checked="" type="checkbox"/> 357 fail daily tests. 16,17,57,65 slightly noisy.	5.9	6.1
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres.

RECORDING

Line complete - random bursts of swell noise from SP 1952 as swell beginning to increase - good cable depth control. Last half of line needed to be checked by processing due to noise levels. Last prime line in this area, infill now required to close coverage.

Noise Figures

Misfires 3 2416,2664,2666 gun sync errors

NDRs 1 3302 no header written to tape

Parities

SOL	2 µB
EOL	12 µB
Max	15 µB
Avg	6 µB
>10µB	% 13

PROCESSING EDITS

None

SEQUENCE 092

Date (SOL): 03/03/00

1999/2000 Survey

LineName W00INV160611

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather															
Recording Time	18:38	00:04	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SW</td> <td>F 6</td> </tr> <tr> <td>Sea</td> <td>SW</td> <td>F 4</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>3.2 m</td> <td></td> <td></td> </tr> </table>			Direct	Force	Wind	SW	F 6	Sea	SW	F 4	Swell	SW	3.2 m		
	Direct	Force																
Wind	SW	F 6																
Sea	SW	F 4																
Swell	SW	3.2 m																
SP Recorded	3830	817																
SP Chargeable	3830	817																
SP To Process	3830	817																
Recorded Files	157	3170																
Tapes System A	30938	30944	Maximum	Minimum														
Water Depth	67.8	121.5	121.5	67.0														
Feather Angle	-3.2	4.0	8.8	-4.2														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. DI 108 erratic.
 Gun DI's erratic towards EOL due to swell.
 SOL gun 208 disabled, vol=2210 in³
 SP 2976 gun 708 disabled, vol=2210 in³

Manifold Pressure	
Min:	1880 psi
Mean:	1950 psi
Max:	1950 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	149, 366, fail daily tests. 10,112,208,209 noisy	5.9	6.3
02	<input checked="" type="checkbox"/>	1,41,124, fail daily tests. 66,184 slightly noisy 6,177 bad ,	5.5	6.3
03	<input checked="" type="checkbox"/>	110, 317,355 fail daily tests. 112,161,318,355 bad	5.6	6.4
04	<input checked="" type="checkbox"/>	364 fail daily tests. 344 occ. noisy	6.0	6.3
05	<input checked="" type="checkbox"/>	66, 110,254 fail daily tests. 280occ. noisy	5.9	6.1
06	<input checked="" type="checkbox"/>	357 fail daily tests. 231 slightly noisy. 98 bad	6.0	6.2
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. SP 3746-3678,3644-3543 S2C4 shallow; SP 2500-2400 S2C15,16 shallow; SP 1840-1358 S3C6-18 shallow on surface.

RECORDING	Reasonably high noise levels due to heavy 3 m swell. Streamers affected by swell, control problems noted on streamer 2 & 3. SP 2635-2420 vessel moving 500 metres to port to acquire second portion of infill in area 1618. Trace edits required for streamer depth variations. Line acquired in opposite direction.		Noise Figures	
Misfires	5	3033,2981,2976,2975,2974 auto fires	SOL	13 µB
NDRs	2	3559,2485 no nav header written to tape. , SP 2808,3259 anomalies in processing LMO.	EOL	10 µB
Parities			Max	14 µB
			Avg	11 µB
			>10µB	% 34

PROCESSING EDITS	TRACE EDIT: SP 1883-1346 S3 edited, on surface.

SEQUENCE 093

Date (SOL): 04/03/00

1999/2000 Survey

LineName W00INV170211

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Scratched

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	: 13:46	: 14:24		
SP Recorded	: 4768	: 4387		
SP Chargeable	: 0	: 0		
SP To Process	: 0	: 0		
Recorded Files	: 159	: 539		
Tapes System A	: 30945	: 30945		
Water Depth	: 62.2	: 65.0	Maximum	Minimum
Feather Angle	: 3.0	: 4.3		0.0

Wind	Direct	Force
	SW	F 3
Sea	SW	F 3
Swell	SW	3.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. DI 108 erratic.
Gun DI's erratic towards EOL due to swell.

Manifold Pressure

Min:	
Mean:	1920 psi
Max:	

STREAMER

Comments		
01	<input checked="" type="checkbox"/>	149, 366, fail daily tests.
02	<input checked="" type="checkbox"/>	1,41,124, fail daily tests. 239 noisy 6 weak
03	<input checked="" type="checkbox"/>	110, 317 fail daily tests. 161 noisy
04	<input checked="" type="checkbox"/>	364 fail daily tests. 344 noisy
05	<input checked="" type="checkbox"/>	66, 110,254 fail daily tests. 280,367 noisy
06	<input checked="" type="checkbox"/>	357 fail daily tests.
07	<input type="checkbox"/>	
08	<input type="checkbox"/>	

Traces:

		Min	Max
- Weak	Refer to above comments	Depth	
- Killed	Refer to above comments		
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres.

RECORDING

Reasonably high noise levels due to heavy 3.5 m swell, with streamer control lost. Line aborted to streamers on surface. All data scratched. Completed with seq. 94.

Noise Figures

Misfires	<input type="checkbox"/>		Max	
NDRs	<input type="checkbox"/>		Avg	14 µB
Parities	<input type="checkbox"/>		>10µB	% 40

PROCESSING EDITS

SCRATCHED: DNP Excessive noise streamer control.

SEQUENCE 094

Date (SOL): 04/03/00

1999/2000 Survey

LineName W00INV170212

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	22:10	04:43	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SW</td> <td>F 3</td> </tr> <tr> <td>Sea</td> <td>SW</td> <td>F 3</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>3.0 m</td> </tr> </table>			Direct	Force	Wind	SW	F 3	Sea	SW	F 3	Swell	SW	3.0 m
	Direct	Force														
Wind	SW	F 3														
Sea	SW	F 3														
Swell	SW	3.0 m														
SP Recorded	4768	817														
SP Chargeable	4768	817														
SP To Process	4768	817	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>118.0</td> <td>63.0</td> </tr> <tr> <td>Feather Angle</td> <td>6.0</td> <td>-2.7</td> </tr> </table>			Maximum	Minimum	Water Depth	118.0	63.0	Feather Angle	6.0	-2.7			
	Maximum	Minimum														
Water Depth	118.0	63.0														
Feather Angle	6.0	-2.7														
Recorded Files	153	4103														
Tapes System A	30946	30954														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE	01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
	02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots
Comments:	Acceptable array performance. DI 108 erratic. Gun DI's erratic towards EOL due to swell.		

Manifold Pressure	
Min:	0 psi
Mean:	1960 psi
Max:	1970 psi

STREAMER	Comments		Min	Max
01	<input checked="" type="checkbox"/>	10,149, 366, fail daily tests. 112,208,209 occ noisy.	6.2	6.7
02	<input checked="" type="checkbox"/>	1,6,41,124, fail daily tests. 177 spiking 66 occ noisy, 79,90 slightly noisy.	6.2	6.5
03	<input checked="" type="checkbox"/>	110, 317, 355 fail daily tests. 112,318 noisy 189 occ. noisy 161 bad.	6.3	6.6
04	<input checked="" type="checkbox"/>	364 fail daily tests. 344 noisy	6.3	6.7
05	<input checked="" type="checkbox"/>	66, 110,254 fail daily tests. 280,367 noisy	6.2	6.4
06	<input checked="" type="checkbox"/>	357 fail daily tests. 98 occ. spiking. 113,114 slightly noisy.	6.2	6.5
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:
 - Weak: Refer to above comments
 - Killed: Refer to above comments
 - Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. SP3250-3220 S3C4-6 deep, SP3230-3180 S6C9-11 deep; SP2850-2810 S6C10-13 deep; SP2530-2445 S2C13-15 shallow; SP1860-1819 5C7-8 shallow; SP950-EOL S2&6 C4-8 deep.

RECORDING	Reasonably high noise level during line due to heavy 3.5-3 m swell, easing towards EOL. Trace edits require for streamer deviations due to sea conditions. Line subject to processing checks. Reshoot attempt for sequence 93.	Noise Figures
Misfires		SOL 11 µB
NDRs	1 2472 NDR missed d/t vessel speed.	EOL 11 µB
Parities		Max 12 µB
		Avg 11 µB
		>10µB % 32

PROCESSING EDITS	TRACE EDIT: Required for streamer control.
-------------------------	--

SEQUENCE 095

Date (SOL): 05/03/00

1999/2000 Survey

LineName W00INV179811

Line Heading 009.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	07:46	13:40		
SP Recorded	1001	4530		
SP Chargeable	1001	4530		
SP To Process	1001	4530		
Recorded Files	163	3691		
Tapes System A	30955	30963		
Water Depth	103.5	65.5	Maximum	Minimum
Feather Angle	1.4	0.4	103.5	65.5
			4.2	-2.8

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Manifold Pressure

Min:	1850 psi
Mean:	1948 psi
Max:	1920 psi

Comments: Acceptable array performance. Gun DI's erratic towards EOL due to swell. SP 1447 guns 301 & 302 disabled, vol=1950 in³

STREAMER

Comments			
01	<input checked="" type="checkbox"/>	10,149, 366, fail daily tests. 50,51,112 occ. noisy. 65 spiking	6.0 6.2
02	<input checked="" type="checkbox"/>	1,6,41,124, fail daily tests. 6 weak 66 occ. noisy 177 spiking	6.0 6.2
03	<input checked="" type="checkbox"/>	110, 317, 355 fail daily tests. 72 noisy 161 bad, 318 occ noisy.	6.1 6.7
04	<input checked="" type="checkbox"/>	364 fail daily tests.	6.1 6.5
05	<input checked="" type="checkbox"/>	66, 110,254 fail daily tests. 216,280,367 noisy	5.8 6.3
06	<input checked="" type="checkbox"/>	357 fail daily tests. 98 occ. spiking. 103 weak	6.2 6.5
07	<input type="checkbox"/>		0.0
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. S5C7-11 SP 3327-3565 shallow (1.7m) Wide tailbuoy spread between S3-4 affecting coverage.

RECORDING

Above average noise level at SOL easing during line due to heavy 3 m swell. Trace edits require for streamer 5 birds 7-11 deviations due to sea conditions. Line subject to processing checks. Wide separation noted on S3-4 tailend due to following seas, loss of coverage noted. PDL logger inoperative, manually entered by operators, checked by processing. Line acquired in opposite direction to adjacent lines.

Noise Figures

SOL	10 µB
EOL	6 µB
Max	12 µB
Avg	8 µB
>10µB	% 35

Misfires 11 1345,1347,1349,1351,1421,1423,1425,1427,1435,1337,1439 sync errors

NDRs 1 4339 missed.

Parities

PROCESSING EDITS

TRACE EDIT: S5C7-11 SP 3327-3565 shallow (1.7m)

SEQUENCE 096

Date (SOL): 05/03/00

1999/2000 Survey

LineName W00INV184613

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Scratched

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	17:35	20:40	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SW</td> <td>F 4</td> </tr> <tr> <td>Sea</td> <td>SW</td> <td>F 3</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>3.0 m</td> </tr> </table>			Direct	Force	Wind	SW	F 4	Sea	SW	F 3	Swell	SW	3.0 m
	Direct	Force														
Wind	SW	F 4														
Sea	SW	F 3														
Swell	SW	3.0 m														
SP Recorded	3670	1830														
SP Chargeable	3670	1830														
SP To Process	3670	1830	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>108.3</td> <td>68.0</td> </tr> <tr> <td>Feather Angle</td> <td>-8.2</td> <td>0.2</td> </tr> </table>			Maximum	Minimum	Water Depth	108.3	68.0	Feather Angle	-8.2	0.2			
	Maximum	Minimum														
Water Depth	108.3	68.0														
Feather Angle	-8.2	0.2														
Recorded Files	155	1993														
Tapes System A	30964	309689														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. Gun DI's erratic due to swell. SP 3372 guns 801 & 802 disabled, vol=1950 in³

Manifold Pressure	
Min:	1830 psi
Mean:	1910 psi
Max:	1920 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	149, 366, fail daily tests.	6.4	6.8
02	<input checked="" type="checkbox"/>	1,41,124, fail daily tests. 6,177 occ. weak	6.3	6.8
03	<input checked="" type="checkbox"/>	110, 317, 355 fail daily tests.	6.5	6.8
04	<input checked="" type="checkbox"/>	364 fail daily tests.	6.5	6.7
05	<input checked="" type="checkbox"/>	66, 110,254 fail daily tests. 280,367 noisy	6.1	6.9
06	<input checked="" type="checkbox"/>	357 fail daily tests. 98 occ. spiking.	6.5	6.7
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. SP 3350 cables 2,4,5 unstable. Leadin 4 let out 10 metres, at SP 3030-2820. All streamers back in spec. by SP 2930.

RECORDING	Line acquired in two portions with a seis gap between infill and reshoot segments. High noise noted on line, subject to processing checks. SP 1830 moving over 650 metres to acquire reshoot for sequence 50. SP 1580 vessel back on line. Line scratched on 7.3.00 due to excessive noise levels. Charged in full. Completed with seq. 103.		Noise Figures	
Misfires	23	3438,3436,3430,3404,3398,3396,3388,3386,3378,3376,3374,3258,3256,3176,3174,3002,3000,2950,2	SOL	15 µB
NDRs	2	2898, 2865 missed	EOL	16 µB
Parities			Max	17 µB
			Avg	15 µB
			>10µB	% 50

PROCESSING EDITS	SCRATCHED: Excessive noise.

SEQUENCE 096

Date (SOL): 05/03/00

1999/2000 Survey

LineName W00INV1846I3

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Scratched

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	21:32	21:52		
SP Recorded	1344	1161		
SP Chargeable	0	0		
SP To Process	0	0		
Recorded Files	2479	2662		
Tapes System A	30968	30969		
Water Depth	68.5	108.3	Maximum	Minimum
Feather Angle	-2.6	0.2	-8.2	0.2

	Direct	Force
Wind	S	F 4
Sea	S	F 3
Swell	SW	3.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. Gun DI's erratic due to swell. SP 3372 guns 801 & 802 disabled, vol=1950 in³

Manifold Pressure	
Min:	1830 psi
Mean:	1910 psi
Max:	1920 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	149, 366, fail daily tests.	6.4	6.8
02	<input checked="" type="checkbox"/>	1,41,124, fail daily tests. 6,177 occ. weak	6.3	6.8
03	<input checked="" type="checkbox"/>	110, 317, 355 fail daily tests.	6.5	6.8
04	<input checked="" type="checkbox"/>	364 fail daily tests.	6.5	6.7
05	<input checked="" type="checkbox"/>	66, 110,254 fail daily tests. 280,367 noisy	6.1	6.9
06	<input checked="" type="checkbox"/>	357 fail daily tests. 98 occ. spiking.	6.5	6.7
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. SP 3350 cables 2,4,5 unstable. Leadin 4 let out 10 metres, at SP 3030-2820. All streamers back in spec. by SP 2930.

RECORDING		Noise Figures
	Second portion of line acquired to completed edit from sequence 50 due to MSX hangup. High noise noted on line, subject to processing checks. Line scratched on 7.3.00 due to excessive noise levels. Completed with seq. 103.	SOL 15 µB
Misfires	0	EOL 16 µB
NDRs	0	Max 17 µB
Parities		Avg 15 µB
		>10µB % 50

PROCESSING EDITS SCRATCHED: Excessive noise.

SEQUENCE 097

Date (SOL): 06/03/00

1999/2000 Survey

LineName W00INV153412

Line Heading 009.0 °

Investigator 3D

Line Type: Infill

Line Status: Scratched

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	: 01:30	: 08:24		
SP Recorded	: 1001	: 5073		
SP Chargeable	: 0	: 0		
SP To Process	: 0	: 0		
Recorded Files	: 135	: 4050		
Tapes System A	: 30970	: 30978		
Water Depth	: 116.8	: 63.0	Maximum	Minimum
Feather Angle	: -5.2	: 8.0	0.0	0.0

Wind	Direct	Force
	S	F 6
Sea	S	F 4
Swell	SW	4.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE	01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
	02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots
Comments:	Acceptable array performance. Gun DI's erratic due to swell.		

Manifold Pressure	
Min:	
Mean:	2010 psi
Max:	2010 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/>	149, 366, fail daily tests.	
02	<input checked="" type="checkbox"/>	1,41,124, fail daily tests. 6,177 occ. weak	
03	<input checked="" type="checkbox"/>	110, 317, 355 fail daily tests.	
04	<input checked="" type="checkbox"/>	364 fail daily tests.	
05	<input checked="" type="checkbox"/>	66, 110,254 fail daily tests. 280,367 noisy	
06	<input checked="" type="checkbox"/>	357 fail daily tests. 98 occ. spiking.	
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:		Min	Max
- Weak	Refer to above comments	Depth	
- Killed	Refer to above comments		
- Noisy	Refer to above comments		
Comments:	Automatic depth editing range below 4.5 metres and above 7.5 metres. S3C7-9 SP 1820-1880,2660-2760,3125-3160 shallow. SP 4599-EOL S5 data spikes. NTBP.		

RECORDING	Line scratched due to excessive noise levels, and streamer control problems. Reshoot of sequence 84. Completed with sequence 98, 99, 102.	Noise Figures
		SOL 13 µB
		EOL 18 µB
Misfires <input type="checkbox"/>		Max 18 µB
NDRs <input type="checkbox"/>	excessive number of missed shots due to nav / speed errors	Avg 18 µB
Parities <input type="checkbox"/>		>10µB % 60

PROCESSING EDITS	SCRATCHED: Excessive noise levels. NTBP.
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SEQUENCE 098

Date (SOL): 07/03/00

1999/2000 Survey

LineName W00INV153413

Line Heading 009.0 °

Investigator 3D

Line Type: Infill

Line Status: Incomplete

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	22:42	01:58		
SP Recorded	1001	2931		
SP Chargeable	1001	2931		
SP To Process	1001	2931		
Recorded Files	151	2081		
Tapes System A	30979	30983		
Water Depth	113.7	75.0	Maximum	Minimum
Feather Angle	3.7	-5.5	-5.0	4.3

	Direct	Force
Wind	ESE	F 6
Sea	ESE	F 4
Swell	SW	3.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Gun DI's erratic due to swell.
SP 2833 gun 101 & 102 disabled, vol=1950 in³.
Line terminated due to out of spec. gun volume.

Manifold Pressure	
Min:	1820 psi
Mean:	1940 psi
Max:	1930 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/> 10,65,149, 366, fail daily tests. 112 slightly noisy.	6.4	6.6
02	<input checked="" type="checkbox"/> 1,6,41,124,177 fail daily tests.	6.4	6.6
03	<input checked="" type="checkbox"/> 110, 161,317, 355 fail daily tests. 318 noisy	6.4	6.7
04	<input checked="" type="checkbox"/> 364 fail daily tests. Ch 188 reversed polarity	6.4	6.7
05	<input checked="" type="checkbox"/> 66, 110,254 fail daily tests. 280,367 noisy 279 slightly noisy	6.4	6.6
06	<input checked="" type="checkbox"/> 98,357 fail daily tests. 23,57,65 slightly noisy	6.3	6.5
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. S3C11 no communications. SP 2300 S3C12 rising to 1.2 metres, S3C13-15 rising, back in control at SP 2500. No EOL noise due to autofiring guns.

RECORDING		Noise Figures
	Line terminated due to gun volume specification. LGSP 2931. Reshoot of sequence 97. Trace edit required on streamer 3 for control problems on one bird. Only 2 CDP charged. Continuation attempt with seq. 99. Completed with seq. 102.	SOL 8 µB
Misfires	13 2297,2299,2787,2789,2792,2793,2795,2797,2799,2801,2825,2827 sync; 2829 misfires	EOL 0 µB
NDRs	1 2842 external header error	Max 9 µB
Parities		Avg 8 µB
		> 10µB % 27

PROCESSING EDITS

FULL EDIT: LGSP 2931, due to gun controller.
TRACE EDIT: SP 2300-2500 S3C12-15, shallow.

SEQUENCE 099

Date (SOL): 08/03/00

1999/2000 Survey

LineName W00INV153414

Line Heading 009.0 °

Investigator 3D

Line Type: Infill

Line Status: Scratched

3D MSS

Line Information

	@ First SP	@ Last SP	Weather																		
Recording Time	06:43	10:15	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SE</td> <td>F 7</td> </tr> <tr> <td>Sea</td> <td>SE</td> <td>F 4</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>3.0 m</td> </tr> </table>			Direct	Force	Wind	SE	F 7	Sea	SE	F 4	Swell	SW	3.0 m					
	Direct	Force																			
Wind	SE	F 7																			
Sea	SE	F 4																			
Swell	SW	3.0 m																			
SP Recorded	2932	5073																			
SP Chargeable	0	0																			
SP To Process	0	0	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Recorded Files</td> <td>134</td> <td>2276</td> </tr> <tr> <td>Tapes System A</td> <td>30984</td> <td>30988</td> </tr> <tr> <td>Water Depth</td> <td>76.0</td> <td>61.8</td> </tr> <tr> <td>Feather Angle</td> <td>-5.3</td> <td>-3.6</td> <td>-5.8</td> <td>-0.9</td> </tr> </table>			Maximum	Minimum	Recorded Files	134	2276	Tapes System A	30984	30988	Water Depth	76.0	61.8	Feather Angle	-5.3	-3.6	-5.8	-0.9
	Maximum	Minimum																			
Recorded Files	134	2276																			
Tapes System A	30984	30988																			
Water Depth	76.0	61.8																			
Feather Angle	-5.3	-3.6	-5.8	-0.9																	

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE	01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
	02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots
Comments:	Gun DI's erratic due to swell.		

Manifold Pressure	
Min:	0 psi
Mean:	1918 psi
Max:	1898 psi

STREAMER	Comments		Min	Max
01	<input checked="" type="checkbox"/>	10,65,149,176, 366, fail daily tests. 65 noisy 10 weak	6.2	6.3
02	<input checked="" type="checkbox"/>	1,6,41,124, fail daily tests. 6,177 occ. weak	6.2	6.3
03	<input checked="" type="checkbox"/>	110, 317, 355 fail daily tests. 318 noisy	6.2	6.5
04	<input checked="" type="checkbox"/>	364 fail daily tests.	6.3	6.5
05	<input checked="" type="checkbox"/>	66, 110,254 fail daily tests. 280,367 noisy	6.3	6.5
06	<input checked="" type="checkbox"/>	357 fail daily tests. 98 occ. spiking.	5.7	6.4
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			
Traces:			Min	Max
- Weak	Refer to above comments		Depth	
- Killed	Refer to above comments			
- Noisy	Refer to above comments			
Comments:	Automatic depth editing range below 4.5 metres and above 7.5 metres. SP 4830-4860 S3C6-8 deep. S3C11 no comms. S6C2 running deep.			

RECORDING	Line attempt scratched due to excessive noise levels, shot in full. All data scratched. Continuation of sequence 98. Completed with seq. 102.	Noise Figures
Misfires	12 4321,4323,4325,4341,4343,4345,4637,4639,4641,4717,4719,4721 sync errors.	SOL 13 µB
NDRs		EOL 12 µB
Parities		Max 15 µB
		Avg 13 µB
		>10µB % 46

PROCESSING EDITS SCRATCHED: Excessive noise levels.

SEQUENCE 100

Date (SOL): 08/03/00

1999/2000 Survey

LineName W00INV169011

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	14:16	18:00		
SP Recorded	4780	2520		
SP Chargeable	4780	2520		
SP To Process	4780	2520		
Recorded Files	137	2397		
Tapes System A	30989	30994		
Water Depth	62.5	116.8	Maximum	Minimum
Feather Angle	9.2	-3.3	117.0	62.0
			14.0	-3.4

	Direct	Force
Wind	SSE	F 6
Sea	SSE	F 4
Swell	SW	3.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE	01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
	02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots
Comments:	Gun DI's erratic due to swell.		

Manifold Pressure	
Min:	1820 psi
Mean:	1960 psi
Max:	1900 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	10,65,149,176, 366, fail daily tests. 112 slightly noisy 209 occ. spiking	6.4	6.6
02	<input checked="" type="checkbox"/>	1,6,41,124, fail daily tests. 177 noisy	6.4	6.6
03	<input checked="" type="checkbox"/>	110, 317, 355 fail daily tests. 318 noisy 112 occ. noisy 161 bad	5.9	6.5
04	<input checked="" type="checkbox"/>	364 fail daily tests. 188 reverse polarity	6.4	6.7
05	<input checked="" type="checkbox"/>	66, 110,254 fail daily tests. 280,367 noisy 279 occ. noisy 365 kicking	6.2	6.6
06	<input checked="" type="checkbox"/>	98,357 fail daily tests. 23,57,65,113,114 slightly noisy. 103 slightly weak.	6.4	6.6
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:
 - Weak: Refer to above comments
 - Killed: Refer to above comments
 - Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. S3C11 no comms.SP1280-905 S3C12-18 shallow, SP1070-990 S3C7-10 deep, No EOL noise system hangup.

RECORDING	First portion of line completed, noise levels reasonable, subject to processing checks. High feathering , high crab angle noted (20-25°). Random swell bursts noted.	Noise Figures
		SOL 9 µB
		EOL 0 µB
Misfires	4 3743, 2900 sync errors; 4005,3997 autofires.	Max 10 µB
NDRs		Avg 9 µB
Parities		>10µB % 26

PROCESSING EDITS TRACE EDIT: S3C7-18 required.

SEQUENCE 100

Date (SOL): 08/03/00

1999/2000 Survey

LineName W00INV169011

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	19:27	20:53		
SP Recorded	1660	817		
SP Chargeable	1660	817		
SP To Process	1660	817		
Recorded Files	3257	4100		
Tapes System A	30996	30997		
Water Depth	62.5	116.8	Maximum	Minimum
Feather Angle	9.2	-3.3	117.0	62.0
			14.0	-3.4

	Direct	Force
Wind	SSE	F 6
Sea	SSE	F 4
Swell	SW	3.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Gun DI's erratic due to swell.

Manifold Pressure

Min:	1820 psi
Mean:	1960 psi
Max:	1900 psi

STREAMER

Comments			
01	<input checked="" type="checkbox"/>	10,65,149,176, 366, fail daily tests. 112 slightly noisy 209 occ. spiking	6.4 6.6
02	<input checked="" type="checkbox"/>	1,6,41,124, fail daily tests. 177 noisy	6.4 6.6
03	<input checked="" type="checkbox"/>	110, 317, 355 fail daily tests. 318 noisy 112 occ. noisy 161 bad	5.9 6.5
04	<input checked="" type="checkbox"/>	364 fail daily tests. 188 reverse polarity	6.4 6.7
05	<input checked="" type="checkbox"/>	66, 110,254 fail daily tests. 280,367 noisy 279 occ. noisy 365 kicking	6.2 6.6
06	<input checked="" type="checkbox"/>	98,357 fail daily tests. 23,57,65,113,114 slightly noisy. 103 slightly weak.	6.4 6.6
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. S3C11 no comms.SP1280-905 S3C12-18 shallow, SP1070-990 S3C7-10 deep, No EOL noise system hangup.

RECORDING

Second portion of line completed, noise levels reasonable, subject to processing checks. High feathering, high crab angle noted. SP 2519-1661 no infill required. Seis. gap applied. Tape 30995 recorded, but data not used. Random swell bursts noted.

Noise Figures

Misfires 4 3743, 2900 sync errors; 4005,3997 autofires.

SOL	9 µB
EOL	0 µB
Max	10 µB
Avg	9 µB
>10µB	% 26

NDRs

Parities

PROCESSING EDITS

TRACE EDIT: S3C7-18 required.

SEQUENCE 101

Date (SOL): 09/03/00

1999/2000 Survey

LineName W00INV152211

Line Heading 009.0 °

Investigator 3D

Line Type: Infill

Line Status: Scratched

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time :	00:05	00:27		
SP Recorded :	1480	1700		
SP Chargeable :	0	0		
SP To Process :	0	0		
Recorded Files :				
Tapes System A :	30998	30998	Maximum	Minimum
Water Depth :				
Feather Angle :				

Wind	Direct	Force
	SSE	F 7
Sea	SSE	F 4
Swell	SW	3.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments:

Manifold Pressure

Min:	0 psi
Mean:	0 psi
Max:	

STREAMER

Comments		
01	<input checked="" type="checkbox"/>	10,65,149,176, 366, fail daily tests. 65 noisy 10 weak
02	<input checked="" type="checkbox"/>	1,6,41,124, fail daily tests. 6,177 occ. weak
03	<input checked="" type="checkbox"/>	110, 317, 355 fail daily tests. 318 noisy
04	<input checked="" type="checkbox"/>	364 fail daily tests.
05	<input checked="" type="checkbox"/>	66, 110,254 fail daily tests. 280,367 noisy
06	<input checked="" type="checkbox"/>	357 fail daily tests. 98 occ. spiking.
07	<input checked="" type="checkbox"/>	
08	<input checked="" type="checkbox"/>	

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments:

RECORDING

Noise Figures

SOL	
EOL	
Max	
Avg	0 µB
>10µB	

Misfires

NDRs

Parities

PROCESSING EDITS

SCRATCHED: Loss of bird control.

SEQUENCE 102

Date (SOL): 09/03/00

1999/2000 Survey

LineName W00INV153415

Line Heading 009.0 °

Investigator 3D

Line Type: Infill

Line Status: Scratched

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	09:51	13:25	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>E</td> <td>F 8</td> </tr> <tr> <td>Sea</td> <td>E</td> <td>F 4</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>2.5 m</td> </tr> </table>			Direct	Force	Wind	E	F 8	Sea	E	F 4	Swell	SW	2.5 m
	Direct	Force														
Wind	E	F 8														
Sea	E	F 4														
Swell	SW	2.5 m														
SP Recorded	2932	5073														
SP Chargeable	2932	5073														
SP To Process	2932	5073	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>77.0</td> <td>62.0</td> </tr> <tr> <td>Feather Angle</td> <td>1.3</td> <td>-3.9</td> </tr> <tr> <td></td> <td>-4.9</td> <td>2.7</td> </tr> </table>			Maximum	Minimum	Water Depth	77.0	62.0	Feather Angle	1.3	-3.9		-4.9	2.7
	Maximum	Minimum														
Water Depth	77.0	62.0														
Feather Angle	1.3	-3.9														
	-4.9	2.7														
Recorded Files	149	2290														
Tapes System A	30999	31003														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

 Comments: Gun DI's erratic due to swell.
 SP 3047 guns 303 & 304 disabled, Vol=2090 in³
Manifold Pressure

Min:	1819 psi
Mean:	1898 psi
Max:	1920 psi

STREAMER

Comments				
01	<input checked="" type="checkbox"/>	10,65,149,176, 366, fail daily tests. 65 noisy 10 weak	6.4	6.5
02	<input checked="" type="checkbox"/>	1,6,41,124, fail daily tests. 177 noisy	6.1	6.5
03	<input checked="" type="checkbox"/>	110, 317, 355 fail daily tests. 318 noisy	5.8	6.6
04	<input checked="" type="checkbox"/>	364 fail daily tests.	5.9	6.5
05	<input checked="" type="checkbox"/>	66, 110,254 fail daily tests. 365 noisy	6.2	6.5
06	<input checked="" type="checkbox"/>	357 fail daily tests. 98 occ. spiking.	6.2	6.6
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. S3C11 no comms.

RECORDING

Infill line completed. Only charged 2 CDP's. Continuation of sequence 99. Random swell bursts noted. Reasonable noise despite sea conditions. Front separation S3-4 mean 115 metres. Charged in full, Scratched 11.3.00 due to poor acoustic positioning. Reshot with seq. 107.

Noise Figures

Misfires 6 2961,2965,3021,3023,3039 sync errors, 3021,3037,3043 autofires.

SOL	6 µB
EOL	3 µB
Max	6 µB
Avg	5 µB
>10µB	% 8

NDRs

Parities

PROCESSING EDITS

SCRATCHED: Scrapped due to lack of acoustic positioning.

SEQUENCE 103

Date (SOL): 09/03/00

1999/2000 Survey

LineName W00INV184614

Line Heading 189.0 °

Investigator 3D

Line Type: Reshoot

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	21:22	21:41		
SP Recorded	1344	1161		
SP Chargeable	0	0		
SP To Process	1344	1161		
Recorded Files	2471	2654		
Tapes System A	31009	31009		
Water Depth	97.0	108.0	Maximum	Minimum
Feather Angle	-5.0	-1.3	108.0	97.0
			5.0	-1.3

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Manifold Pressure

Min:	1819 psi
Mean:	1898 psi
Max:	1920 psi

Comments:

Gun DI's erratic due to swell.
 SP 1446 gun 808 disabled. Vol=2210 in³; SP 1430 gun 806 disabled. Vol=2130in³
 SP 1216 gun 806 enabled. Vol=2130 in³; SP 1212 gun 808 enabled. Vol=2250in³

STREAMER

	Comments
01	<input checked="" type="checkbox"/> 10,65,149,176, 366, fail daily tests. 65 noisy 10 weak 112 slightly noisy.
02	<input checked="" type="checkbox"/> 1,6,41,124, fail daily tests. 177 noisy
03	<input checked="" type="checkbox"/> 110, 317, 355 fail daily tests. 318 slightly noisy , 161 noisy.
04	<input checked="" type="checkbox"/> 364 fail daily tests. 188 reversed polarity
05	<input checked="" type="checkbox"/> 66, 110,254 fail daily tests. 365 noisy
06	<input checked="" type="checkbox"/> 357 fail daily tests. 98 killed
07	<input type="checkbox"/>
08	<input type="checkbox"/>

Traces:

		Min	Max
- Weak	Refer to above comments	Depth	
- Killed	Refer to above comments		
- Noisy	Refer to above comments		

Comments:

Automatic depth editing range below 4.5 metres and above 7.5 metres. S3C11 no comms. Trace edit required for streamer S3C12-16 control from SP 1380-EOL.

RECORDING

Second portion of line acquired to completed edit from sequence 50 due to MSX hangup. Trace edit required for streamer S3C12-16 control from SP 1380-EOL. Reshoot of sequence 96.

Noise Figures

SOL	6 µB
EOL	3 µB
Max	6 µB
Avg	5 µB
> 10µB	% 8

Misfires

9 1230,1228,1226,1224,1222,1220,1218,1216,1214 sync errors

NDRs**Parities****PROCESSING EDITS**

TRACE EDIT: S3C12-16 shallow , SP 1380-EOL.

SEQUENCE 103

Date (SOL): 09/03/00

1999/2000 Survey

LineName W00INV184614

Line Heading 189.0 °

Investigator 3D

Line Type: Reshoot

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	17:28	20:42	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>E</td> <td>F 7</td> </tr> <tr> <td>Sea</td> <td>E</td> <td>F 4</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>2.3 m</td> </tr> </table>			Direct	Force	Wind	E	F 7	Sea	E	F 4	Swell	SW	2.3 m
	Direct	Force														
Wind	E	F 7														
Sea	E	F 4														
Swell	SW	2.3 m														
SP Recorded	3714	1730														
SP Chargeable	0	0														
SP To Process	3714	1730	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>97.0</td> <td>69.0</td> </tr> <tr> <td>Feather Angle</td> <td>13.6</td> <td>-5.0</td> </tr> </table>			Maximum	Minimum	Water Depth	97.0	69.0	Feather Angle	13.6	-5.0			
	Maximum	Minimum														
Water Depth	97.0	69.0														
Feather Angle	13.6	-5.0														
Recorded Files	135	2085														
Tapes System A	31004	31008														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE	01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
	02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots
Comments:	Gun DI's erratic due to swell. SP 1446 gun 808 disabled. Vol=2210 in ³ ; SP 1430 gun 806 disabled. Vol=2130in ³ SP 1216 gun 806 enabled. Vol=2130 in ³ ; SP 1212 gun 808 enabled. Vol=2250in ³		

Manifold Pressure	
Min:	1819 psi
Mean:	1910 psi
Max:	1930 psi

STREAMER	Comments	Min	Max
01	<input checked="" type="checkbox"/> 10,65,149,176, 366, fail daily tests. 65 noisy 10 weak 112 slightly noisy.	5.9	6.8
02	<input checked="" type="checkbox"/> 1,6,41,124, fail daily tests. 177 noisy	6.5	6.6
03	<input checked="" type="checkbox"/> 110, 317, 355 fail daily tests. 318 slightly noisy , 161 noisy.	6.2	7.0
04	<input checked="" type="checkbox"/> 364 fail daily tests. 188 reversed polarity	6.3	6.7
05	<input checked="" type="checkbox"/> 66, 110,254 fail daily tests. 365 noisy	6.4	6.7
06	<input checked="" type="checkbox"/> 357 fail daily tests. 98 killed	6.4	6.8
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:
 - Weak: Refer to above comments
 - Killed: Refer to above comments
 - Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. S3C11 no comms. PDL logging problem at SOL.

RECORDING	Line acquired in two portions with a seis gap between infill and reshoot segments. SP 1830 moving over 650 metres to acquire reshoot for sequence 50. Reshoot of sequence 96. Coverage missed due to high feathering on first portion of line, will require another pass to fill.	Noise Figures	
		SOL	6 µB
		EOL	3 µB
Misfires	20 3636,3634,3558,3248,2070,2066,2030,2008,1978,1838,1836,1812,1794,1786,1774,1772,1754,1750,1	Max	6 µB
NDRs		Avg	5 µB
Parities		> 10µB	% 8

PROCESSING EDITS	None
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SEQUENCE 104

Date (SOL): 10/03/00

1999/2000 Survey

LineName W00INV173811

Line Heading 009.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	09:27	11:51	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>E</td> <td>F 4</td> </tr> <tr> <td>Sea</td> <td>E</td> <td>F 2</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>1.5 m</td> </tr> </table>			Direct	Force	Wind	E	F 4	Sea	E	F 2	Swell	SW	1.5 m
	Direct	Force														
Wind	E	F 4														
Sea	E	F 2														
Swell	SW	1.5 m														
SP Recorded	4050	4917														
SP Chargeable	4050	4917														
SP To Process	4050	4917	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>75.0</td> <td>61.0</td> </tr> <tr> <td>Feather Angle</td> <td>0.0</td> <td>-1.0</td> </tr> <tr> <td></td> <td>-5.0</td> <td>0.0</td> </tr> </table>			Maximum	Minimum	Water Depth	75.0	61.0	Feather Angle	0.0	-1.0		-5.0	0.0
	Maximum	Minimum														
Water Depth	75.0	61.0														
Feather Angle	0.0	-1.0														
	-5.0	0.0														
Recorded Files	3180	4047														
Tapes System A	31016	31018														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

 Comments: Acceptable array performance.
 SP 1418 gun 706 disabled, vol=2170 in³
Manifold Pressure

Min:	1810 psi
Mean:	1960 psi
Max:	1950 psi

STREAMER

Comments			Min	Max
01	<input checked="" type="checkbox"/>	10,65,149,176, 366, fail daily tests. 65 noisy 10 weak 112 slightly noisy.	5.9	6.0
02	<input checked="" type="checkbox"/>	1,6,41,124, fail daily tests. 177 noisy, 239 s/noisy	5.8	6.0
03	<input checked="" type="checkbox"/>	110, 317, 355 fail daily tests. 52,189 slightly noisy, 161 bad	6.0	6.2
04	<input checked="" type="checkbox"/>	364 fail daily tests. 188 reversed polarity, 141,327 s/noisy	6.0	6.1
05	<input checked="" type="checkbox"/>	66, 110,254 fail daily tests. 365 noisy	6.0	6.1
06	<input checked="" type="checkbox"/>	357 fail daily tests. 98 killed, 16,17,57,65 s/noisy, 103 weak	5.9	6.2
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. S3C11 no comms. Multiple telemetry errors on streamer 4 during first and last portions of line, checked by processing.

RECORDING

Line acquired in three portions to fill outstanding holes. Third portion of line, seis gap SP 3571-4049. Telemetry errors experienced on streamer 4 only throughout line, single shot edits required.

Noise Figures

 Misfires

 NDRs

 Parities

S4 telemetry errors 4590,4610,4616,4625,4701,4705,4721,4728,4732-4735,4740,4742-4744,4752,47

SOL	2 µB
EOL	2 µB
Max	3 µB
Avg	2 µB
>10µB	% 0

PROCESSING EDITS

None

SEQUENCE 104

Date (SOL): 10/03/00

1999/2000 Survey

LineName W00INV173811

Line Heading 009.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	04:06	05:48		
SP Recorded	1001	1975		
SP Chargeable	1001	1975		
SP To Process	1001	1975		
Recorded Files	136	1105		
Tapes System A	31010	31012		
Water Depth	101.0	90.0	Maximum	Minimum
Feather Angle	-4.0	-5.5	-6.0	-4.0

	Direct	Force
Wind	E	F 6
Sea	E	F 4
Swell	SW	2.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

 Comments: Acceptable array performance.
 SP 1418 gun 706 disabled, vol=2170 in³
Manifold Pressure

Min:	1810 psi
Mean:	1960 psi
Max:	1950 psi

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 10,65,149,176, 366, fail daily tests. 65 noisy 10 weak 112 slightly noisy.	5.9	6.0
02	<input checked="" type="checkbox"/> 1,6,41,124, fail daily tests. 177 noisy, 239 s/noisy	5.8	6.0
03	<input checked="" type="checkbox"/> 110, 317, 355 fail daily tests. 52,189 slightly noisy, 161 bad	6.0	6.2
04	<input checked="" type="checkbox"/> 364 fail daily tests. 188 reversed polarity, 141,327 s/noisy	6.0	6.1
05	<input checked="" type="checkbox"/> 66, 110,254 fail daily tests. 365 noisy	6.0	6.1
06	<input checked="" type="checkbox"/> 357 fail daily tests. 98 killed, 16,17,57,65 s/noisy, 103 weak	5.9	6.2
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. S3C11 no comms. Multiple telemetry errors on streamer 4 during first and last portions of line, checked by processing.

RECORDING

Line acquired in three portions to fill outstanding holes. Telemetry errors experienced on streamer 4 only throughout line, single shot edits required.

Noise Figures

Misfires 6 1006,1008,1010 sync errors; (1412-1414 auto fires-checked OK)

NDRs 0

Parities 33 S4 telemetry errors 1129,1191-1197,1199-1202,1210,1211,1226,1227,1240,1255-1259,1283,1292,13

SOL	2 µB
EOL	2 µB
Max	3 µB
Avg	2 µB
>10µB	% 0

PROCESSING EDITS

None

SEQUENCE 104

Date (SOL): 10/03/00

1999/2000 Survey

LineName W00INV173811

Line Heading 009.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	07:00	08:39	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>E</td> <td>F 4</td> </tr> <tr> <td>Sea</td> <td>E</td> <td>F 2</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>1.7 m</td> </tr> </table>			Direct	Force	Wind	E	F 4	Sea	E	F 2	Swell	SW	1.7 m
	Direct	Force														
Wind	E	F 4														
Sea	E	F 2														
Swell	SW	1.7 m														
SP Recorded	2660	3570														
SP Chargeable	2660	3570														
SP To Process	2660	3570	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>82.0</td> <td>79.0</td> </tr> <tr> <td>Feather Angle</td> <td>-1.0</td> <td>-2.0</td> </tr> <tr> <td></td> <td>-4.0</td> <td>-0.5</td> </tr> </table>			Maximum	Minimum	Water Depth	82.0	79.0	Feather Angle	-1.0	-2.0		-4.0	-0.5
	Maximum	Minimum														
Water Depth	82.0	79.0														
Feather Angle	-1.0	-2.0														
	-4.0	-0.5														
Recorded Files	1790	2700														
Tapes System A	31012	31015														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

 Comments: Acceptable array performance.
 SP 1418 gun 706 disabled, vol=2170 in³
Manifold Pressure

Min:	1810 psi
Mean:	1960 psi
Max:	1950 psi

STREAMER

Comments			
01	<input checked="" type="checkbox"/>	10,65,149,176, 366, fail daily tests. 65 noisy 10 weak 112 slightly noisy.	5.9 6.0
02	<input checked="" type="checkbox"/>	1,6,41,124, fail daily tests. 177 noisy, 239 s/noisy	5.8 6.0
03	<input checked="" type="checkbox"/>	110, 317, 355 fail daily tests. 52,189 slightly noisy, 161 bad	6.0 6.2
04	<input checked="" type="checkbox"/>	364 fail daily tests. 188 reversed polarity, 141,327 s/noisy	6.0 6.1
05	<input checked="" type="checkbox"/>	66, 110,254 fail daily tests. 365 noisy	6.0 6.1
06	<input checked="" type="checkbox"/>	357 fail daily tests. 98 killed, 16,17,57,65 s/noisy, 103 weak	5.9 6.2
07	<input type="checkbox"/>		0.0 0.0
08	<input type="checkbox"/>		0.0 0.0

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. S3C11 no comms. Multiple telemetry errors on streamer 4 during first and last portions of line, checked by processing.

RECORDING

Line acquired in three portions to fill outstanding holes. Second portion of line, seis gap SP 1976-2659. Telemetry errors experienced on streamer 4 only throughout line, single shot edits required.

Noise Figures

Misfires	<input type="checkbox"/>	Max	3 µB
NDRs	<input type="checkbox"/>	Avg	2 µB
Parities	<input type="checkbox"/>	>10µB	% 0

PROCESSING EDITS

None

SEQUENCE 105

Date (SOL): 10/03/00

1999/2000 Survey

LineName W00INV182211

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	14:31	16:53		
SP Recorded	4600	3235		
SP Chargeable	4600	3235		
SP To Process	4600	3235		
Recorded Files	130	1495		
Tapes System A	31019	31022		
Water Depth	64.3	75.0	Maximum	Minimum
Feather Angle	-1.6	7.0	75.0	64.0
			7.0	-1.6

	Direct	Force
Wind	SW	F 2
Sea	SW	F 2
Swell	SW	1.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance.

Manifold Pressure

Min:	1810 psi
Mean:	1950 psi
Max:	1950 psi

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 10,65,149,176, 366, fail daily tests. 68 noisy 10 weak 112 slightly noisy.	5.7	6.2
02	<input checked="" type="checkbox"/> 1,6,41,124, fail daily tests. 177 noisy, 239 s/noisy, 66 occ.noisy	5.7	6.0
03	<input checked="" type="checkbox"/> 110, 317, 355 fail daily tests. 52,189 slightly noisy, 161 bad	5.7	6.4
04	<input checked="" type="checkbox"/> 364 fail daily tests. 188 reversed polarity, 141,327 s/noisy	5.7	6.4
05	<input checked="" type="checkbox"/> 66, 110,254 fail daily tests. 365 noisy 281 s/noisy	5.7	6.2
06	<input checked="" type="checkbox"/> 357 fail daily tests. 98 killed, 16,17,57,65 s/noisy, 103 weak	5.7	6.0
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. S3C11 no comms. Multiple telemetry errors on streamer 4 during line.

RECORDING

Line acquired in three portions to fill outstanding holes. Telemetry errors experienced on streamer 4 only throughout line, single shot edits required. Shot numbers incorrectly numbered, numbers displaced 49 shots lower. SOL renumbered from 4649 to 4600, EOL renumbered from 817 to 768. Shot numbers in correct place, but wrongly numbered.

Noise Figures

SOL	3 µB
EOL	2 µB
Max	3 µB
Avg	3 µB
>10µB	% 0

Misfires

--	--

NDRs

1	3647 dropped by CRS due to FSIDCHK.
---	-------------------------------------

Parities

22	S4 telemetry errors 4518,4362,3891,3856,3852-3843,3841,3840,3832,3830,3824-3822.
----	--

PROCESSING EDITS

SPECIAL NOTE: Shot numbers incorrectly numbered, numbers displaced 49 shots lower.

SEQUENCE 105

Date (SOL): 10/03/00

1999/2000 Survey

LineName W00INV182211

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	18:00	18:28	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SW</td> <td>F 2</td> </tr> <tr> <td>Sea</td> <td>SW</td> <td>F 2</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>1.5 m</td> </tr> </table>			Direct	Force	Wind	SW	F 2	Sea	SW	F 2	Swell	SW	1.5 m
	Direct	Force														
Wind	SW	F 2														
Sea	SW	F 2														
Swell	SW	1.5 m														
SP Recorded	2620	2360														
SP Chargeable	2620	2360														
SP To Process	2620	2360	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>85.0</td> <td>82.0</td> </tr> <tr> <td>Feather Angle</td> <td>6.0</td> <td>-12.0</td> </tr> <tr> <td></td> <td>-12.0</td> <td>6.0</td> </tr> </table>			Maximum	Minimum	Water Depth	85.0	82.0	Feather Angle	6.0	-12.0		-12.0	6.0
	Maximum	Minimum														
Water Depth	85.0	82.0														
Feather Angle	6.0	-12.0														
	-12.0	6.0														
Recorded Files	2084	2344														
Tapes System A	31022	31023														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance.

Manifold Pressure

Min:	1810 psi
Mean:	1960 psi
Max:	1950 psi

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 10,65,149,176, 366, fail daily tests. 68 noisy 10 weak 112 slightly noisy.	5.7	6.2
02	<input checked="" type="checkbox"/> 1,6,41,124, fail daily tests. 177 noisy, 239 s/noisy, 66 occ.noisy	5.7	6.0
03	<input checked="" type="checkbox"/> 110, 317, 355 fail daily tests. 52,189 slightly noisy, 161 bad	5.7	6.4
04	<input checked="" type="checkbox"/> 364 fail daily tests. 188 reversed polarity, 141,327 s/noisy	5.7	6.4
05	<input checked="" type="checkbox"/> 66, 110,254 fail daily tests. 365 noisy 281 s/noisy	5.7	6.2
06	<input checked="" type="checkbox"/> 357 fail daily tests. 98 killed, 16,17,57,65 s/noisy, 103 weak	5.7	6.0
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. S3C11 no comms. Multiple telemetry errors on streamer 4 during line.

RECORDING

Line acquired in three portions to fill outstanding holes. Second portion of line, seis. gap SP2620-2360. Shot numbers incorrectly numbered, numbers displaced 49 shots lower.

Noise Figures

Misfires	<input type="checkbox"/>	Max	3 µB
NDRs	<input type="checkbox"/>	Avg	3 µB
Parities	<input type="checkbox"/>	>10µB	% 0

PROCESSING EDITS

SPECIAL NOTE: Shot numbers incorrectly numbered, numbers displaced 49 shots lower.
 SPECIAL NOTE: SP 2438-2360 no navigation solution due to vessel movement to avoid fishing gear.

SEQUENCE 105

Date (SOL): 10/03/00

1999/2000 Survey

LineName W00INV182211

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	19:35	21:08		
SP Recorded	1700	768		
SP Chargeable	1700	768		
SP To Process	1700	768		
Recorded Files	3004	3936		
Tapes System A	31023	31027		
Water Depth	95.0	109.3	Maximum	Minimum
Feather Angle	2.0	0.0	109.0	95.0
			5.0	0.0

	Direct	Force
Wind	SW	F 2
Sea	SW	F 2
Swell	SW	1.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance.

Manifold Pressure	
Min:	1810 psi
Mean:	1960 psi
Max:	1950 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/> 10,65,149,176, 366, fail daily tests. 68 noisy 10 weak 112 slightly noisy.	5.7	6.2
02	<input checked="" type="checkbox"/> 1,6,41,124, fail daily tests. 177 noisy, 239 s/noisy, 66 occ.noisy	5.7	6.0
03	<input checked="" type="checkbox"/> 110, 317, 355 fail daily tests. 52,189 slightly noisy, 161 bad	5.7	6.4
04	<input checked="" type="checkbox"/> 364 fail daily tests. 188 reversed polarity, 141,327 s/noisy	5.7	6.4
05	<input checked="" type="checkbox"/> 66, 110,254 fail daily tests. 365 noisy 281 s/noisy	5.7	6.2
06	<input checked="" type="checkbox"/> 357 fail daily tests. 98 killed, 16,17,57,65 s/noisy, 103 weak	5.7	6.0
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. S3C11 no comms. Multiple telemetry errors on streamer 4 during line.

RECORDING	Noise Figures
Line acquired in three portions to fill outstanding holes. Third portion of line, seis. gap SP2359-1701. Shot numbers incorrectly numbered, numbers displaced 49 shots lower.	SOL 3 µB
	EOL 2 µB
Misfires <input type="checkbox"/>	Max 3 µB
NDRs <input type="checkbox"/>	Avg 3 µB
Parities 20 S4 telemetry errors 1684,1664,1654,1523,1507,1449,1337,1228,1202,1189,1137,1062,971,970,967,9	>10µB % 0

PROCESSING EDITS **SPECIAL NOTE: Shot numbers incorrectly numbered, numbers displaced 49 shots lower.**

SEQUENCE 106

Date (SOL): 10/03/00

1999/2000 Survey

LineName W00INV152212

Line Heading 009.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	23:45	05:54		
SP Recorded	1500	5073		
SP Chargeable	1500	5073		
SP To Process	1500	5073		
Recorded Files	138	5073		
Tapes System A	31028	31036		
Water Depth	100.0	62.0	Maximum	Minimum
Feather Angle	0.0	-9.0	100.0	62.0
			-9.7	6.5

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. Gun DI 608 erratic.

Manifold Pressure	
Min:	1840 psi
Mean:	1930 psi
Max:	1938 psi

STREAMER	Comments		Min	Max
01	<input checked="" type="checkbox"/>	10,65,149,176, 366, fail daily tests. 68 s/noisy	6.0	6.0
02	<input checked="" type="checkbox"/>	1,6,41,124, fail daily tests. 66, 177 occ. noisy	6.0	6.0
03	<input checked="" type="checkbox"/>	110, 317, 355 fail daily tests. 189 slightly noisy , 68 occ noisy	6.0	6.4
04	<input checked="" type="checkbox"/>	364 fail daily tests. 188 reversed polarity,	6.0	6.3
05	<input checked="" type="checkbox"/>	66, 110,254 ,365,367 fail daily tests. 72 occ. noisy	6.0	6.0
06	<input checked="" type="checkbox"/>	357 fail daily tests. 98 killed, 16,17,57,65 s/noisy	6.0	6.2
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. Multiple telemetry errors on streamer 4 during line.

RECORDING		Noise Figures
	Line acquired to fill far-mid and far coverage. Low level telemetry errors present. Completed for seq. 101 scratched line.	SOL 3 µB
		EOL 2 µB
Misfires		Max 3 µB
NDRs	1 3572 external header missed.	Avg 2 µB
Parities	7 S4 telemetry errors 2680,2435,2744,2934,2680,2681,3686.	>10µB % 0

PROCESSING EDITS	
	None

SEQUENCE 107

Date (SOL): 11/03/00

1999/2000 Survey

LineName W00INV1534I6

Line Heading 189.0 °

Investigator 3D

Line Type: Reshoot

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	09:09	12:38		
SP Recorded	4889	817		
SP Chargeable	0	0		
SP To Process	4889	817		
Recorded Files	140	4212		
Tapes System A	31037	31037		
Water Depth	62.0	117.0	Maximum	Minimum
Feather Angle	1.0	8.4	117.0	62.0
			8.9	-7.8

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance.

Manifold Pressure	
Min:	1819 psi
Mean:	1928 psi
Max:	1940 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	10,65,149,176, 366, fail daily tests. 68 s/noisy	6.0	6.0
02	<input checked="" type="checkbox"/>	1,6,41,124, fail daily tests. 66, 177 occ. noisy	6.0	6.0
03	<input checked="" type="checkbox"/>	110, 317, 355 fail daily tests. 68 occ. noisy	6.0	6.5
04	<input checked="" type="checkbox"/>	364 fail daily tests. 188 reversed polarity,	5.9	6.7
05	<input checked="" type="checkbox"/>	66, 110,254 ,365,367 fail daily tests.	6.0	6.3
06	<input checked="" type="checkbox"/>	103,357 fail daily tests. 98 killed, 16,17,57,65 s/noisy	6.0	6.3
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. Multiple telemetry errors (module 8-22) on streamer 4 during line, with 4.2% of records edited.

RECORDING	Noise Figures
First portion acquired as reshoot of sequence 102. No charge applied. Multiple telemetry errors on streamer 4 (module 8-22)during line, with 4.2% of records edited. Line acquired in opposite direction.	SOL 2 µB
	EOL 2 µB
Misfires <input type="checkbox"/>	Max 3 µB
NDRs <input type="checkbox"/>	Avg 2 µB
Parities 170 Refer to obs logs for full extent of edits. S4 only.	>10µB % 0

PROCESSING EDITS SPECIAL NOTE: S4 edits due to telemetry errors. (module 8-22).

SEQUENCE 107

Date (SOL): 11/03/00

1999/2000 Survey

LineName W00INV1534I6

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	12:38	16:43		
SP Recorded	2931	817		
SP Chargeable	2931	817		
SP To Process	2931	817		
Recorded Files	140	4212		
Tapes System A	31037	31046		
Water Depth	62.0	117.0	Maximum	Minimum
Feather Angle	1.0	8.4	117.0	62.0
			8.9	-7.8

	Direct	Force
Wind	VAR	F 2
Sea	VAR	F 1
Swell	SW	1.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance.

Manifold Pressure	
Min:	1819 psi
Mean:	1928 psi
Max:	1940 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	10,65,149,176, 366, fail daily tests. 68 s/noisy	6.0	6.0
02	<input checked="" type="checkbox"/>	1,6,41,124, fail daily tests. 66, 177 occ. noisy	6.0	6.0
03	<input checked="" type="checkbox"/>	110, 317, 355 fail daily tests. 68 occ. noisy	6.0	6.5
04	<input checked="" type="checkbox"/>	364 fail daily tests. 188 reversed polarity,	5.9	6.7
05	<input checked="" type="checkbox"/>	66, 110,254 ,365,367 fail daily tests.	6.0	6.3
06	<input checked="" type="checkbox"/>	103,357 fail daily tests. 98 killed, 16,17,57,65 s/noisy	6.0	6.3
07	<input type="checkbox"/>		0.0	0.0
08	<input type="checkbox"/>		0.0	

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. Multiple telemetry errors (module 8-22) on streamer 4 during line, with 4.2% of records edited.

RECORDING		Noise Figures
	Second portion needed for fill. No charge applied. Multiple telemetry errors on streamer 4 (module 8-22)during line, with 4.2% of records edited. Line acquired in opposite direction. Coverage missed towards EOL, another pass at southern end of line.	SOL 2 µB
Misfires	<input type="checkbox"/>	EOL 2 µB
NDRs	<input type="checkbox"/>	Max 3 µB
Parities	<input type="checkbox"/> Refer to obs logs for full extent of edits. S4 only.	Avg 2 µB
		>10µB % 0

PROCESSING EDITS SPECIAL NOTE: S4 edits due to telemetry errors. (module 8-22).

SEQUENCE 108

Date (SOL): 11/03/00

1999/2000 Survey

LineName W00INV164211

Line Heading 009.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	20:07	23:34		
SP Recorded	1140	3175		
SP Chargeable	1140	3175		
SP To Process	1140	3175		
Recorded Files	136	2171		
Tapes System A	31047	31051		
Water Depth	103.0	80.0	Maximum	Minimum
Feather Angle	-7.3	3.5	-7.7	3.5

	Direct	Force
Wind	VAR	F 2
Sea	VAR	F 1
Swell	SW	1.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance.

Manifold Pressure	
Min:	1840 psi
Mean:	1930 psi
Max:	1960 psi

STREAMER	Comments		Min	Max
01	<input checked="" type="checkbox"/>	10,65,149,176, 366, fail daily tests. 68 s/noisy	6.0	6.1
02	<input checked="" type="checkbox"/>	1,6,41,124, fail daily tests. 66, 177 occ. noisy	6.0	6.0
03	<input checked="" type="checkbox"/>	110, 317, 355 fail daily tests. 68 occ. noisy	6.0	6.3
04	<input checked="" type="checkbox"/>	364 fail daily tests. 188 reversed polarity,	6.0	6.3
05	<input checked="" type="checkbox"/>	66, 110,254 ,365,367 fail daily tests.	6.0	6.3
06	<input checked="" type="checkbox"/>	103,357 fail daily tests. 98 killed, 16,17,57,65 s/noisy	6.0	6.1
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. No telemetry S4 reported.

RECORDING	Noise Figures
First portion of infill pass.	SOL 3 µB
	EOL 2 µB
Misfires <input type="checkbox"/>	Max 3 µB
NDRs <input type="checkbox"/>	Avg 3 µB
Parities <input type="checkbox"/>	>10µB % 0

PROCESSING EDITS	
	None

SEQUENCE 108

Date (SOL): 12/03/00

1999/2000 Survey

LineName W00INV164211

Line Heading 009.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	00:06	01:13		
SP Recorded	3496	4130		
SP Chargeable	3496	4130		
SP To Process	3496	4130		
Recorded Files	2492	3126		
Tapes System A	31051	31053		
Water Depth	76.0	68.0	Maximum	Minimum
Feather Angle	3.8	-3.4	76.0	68.0
			3.8	-3.4

	Direct	Force
Wind	VAR	F 2
Sea	VAR	F 1
Swell	SW	1.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance.

Manifold Pressure	
Min:	1819 psi
Mean:	1928 psi
Max:	1940 psi

STREAMER	Comments		Min	Max
01	<input checked="" type="checkbox"/>	10,65,149,176, 366, fail daily tests. 68 s/noisy	6.0	6.1
02	<input checked="" type="checkbox"/>	1,6,41,124, fail daily tests. 66, 177 occ. noisy	6.0	6.0
03	<input checked="" type="checkbox"/>	110, 317, 355 fail daily tests. 68 occ. noisy	6.0	6.3
04	<input checked="" type="checkbox"/>	364 fail daily tests. 188 reversed polarity,	6.0	6.3
05	<input checked="" type="checkbox"/>	66, 110,254 ,365,367 fail daily tests.	6.0	6.3
06	<input checked="" type="checkbox"/>	103,357 fail daily tests. 98 killed, 16,17,57,65 s/noisy	6.0	6.1
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. No telemetry S4 reported.

RECORDING	Noise Figures
Second portion of infill pass. Seis. gap SP 3176-3495.	SOL 2 µB
	EOL 2 µB
Misfires <input type="checkbox"/>	Max 3 µB
NDRs <input type="checkbox"/>	Avg 0 µB
Parities <input type="checkbox"/>	>10µB <input type="checkbox"/>

PROCESSING EDITS	
	None

SEQUENCE 109

Date (SOL): 12/03/00

1999/2000 Survey

LineName W00INV1570I2

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	04:44	07:08		
SP Recorded	3030	1566		
SP Chargeable	3030	1566		
SP To Process	3030	1566		
Recorded Files	139	1603		
Tapes System A	31054	31057		
Water Depth	77.0	98.0	Maximum	Minimum
Feather Angle	10.3	7.0	10.3	5.0

	Direct	Force
Wind	ESE	F 3
Sea	ESE	F 2
Swell	SW	1.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance.

Manifold Pressure	
Min:	1850 psi
Mean:	1948 psi
Max:	1957 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/> 10,65,149,176, 366, fail daily tests. 68,112 s/noisy	6.0	6.0
02	<input checked="" type="checkbox"/> 1,6,41,124, fail daily tests. 66, 177 occ. noisy	5.6	6.1
03	<input checked="" type="checkbox"/> 110, 317, 355 fail daily tests. 68 occ. noisy	6.0	6.4
04	<input checked="" type="checkbox"/> 364 fail daily tests. 188 reversed polarity,	6.0	6.6
05	<input checked="" type="checkbox"/> 66, 110,254 ,365,367 fail daily tests.	5.9	6.2
06	<input checked="" type="checkbox"/> 103,357 fail daily tests. 98 killed, 16,17,57,65 s/noisy	6.0	6.4
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. S2C14-16 shallow SP 1657-1326

RECORDING		Noise Figures
	Line acquired in two portions, first portion for missed coverage in far-mid and fars. SP 1637 started to move starboard for coverage. High feather causing difficulties in steering, low gun spread noted (44m) during this period.	SOL 3 µB
Misfires	<input type="checkbox"/>	EOL 6 µB
NDRs	1 1150 bad header.	Max 7 µB
Parities	<input type="checkbox"/>	Avg 5 µB
		>10µB % 3

PROCESSING EDITS	
	TRACE EDIT: S2C14-16 shallow / deep

SEQUENCE 109

Date (SOL): 12/03/00

1999/2000 Survey

LineName W00INV157012

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	07:46	08:24		
SP Recorded	1190	817		
SP Chargeable	1190	817		
SP To Process	1190	817		
Recorded Files	1979	2352		
Tapes System A	31058	31060		
Water Depth	112.0	118.0	Maximum	Minimum
Feather Angle	-4.8	8.0	8.0	-4.8

	Direct	Force
Wind	SSE	F 4
Sea	SSE	F 3
Swell	SW	2.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance.

Manifold Pressure

Min:	1850 psi
Mean:	1948 psi
Max:	1957 psi

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 10,65,149,176, 366, fail daily tests. 68,112 s/noisy	6.0	6.0
02	<input checked="" type="checkbox"/> 1,6,41,124, fail daily tests. 66, 177 occ. noisy	5.6	6.1
03	<input checked="" type="checkbox"/> 110, 317, 355 fail daily tests. 68 occ. noisy	6.0	6.4
04	<input checked="" type="checkbox"/> 364 fail daily tests. 188 reversed polarity,	6.0	6.6
05	<input checked="" type="checkbox"/> 66, 110,254 ,365,367 fail daily tests.	5.9	6.2
06	<input checked="" type="checkbox"/> 103,357 fail daily tests. 98 killed, 16,17,57,65 s/noisy	6.0	6.4
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. S2C14-16 shallow SP 1657-1326

RECORDING

Second portion for missed coverage in far-mid and fars at southern end of line. Swell noise seen on last half of line. Seis gap SP 1565-1191. Feather induced by move to starboard for line.

Noise Figures

Misfires	<input type="checkbox"/>	Max	7 µB
NDRs	<input type="checkbox"/>	Avg	5 µB
Parities	<input type="checkbox"/>	>10µB	% 3

PROCESSING EDITS

TRACE EDIT: S2C14-16 shallow / deep

SEQUENCE 110

Date (SOL): 12/03/00

1999/2000 Survey

LineName W00INV169012

Line Heading 009.0 °

Investigator 3D

Line Type: Infill

Line Status: Scratched

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	13:40	16:43		
SP Recorded	3180	4964		
SP Chargeable	0	0		
SP To Process	0	0		
Recorded Files	139	1923		
Tapes System A	31061	31065		
Water Depth	74.0	62.0	Maximum	Minimum
Feather Angle	7.3	-6.0	74.0	62.0
			-9.6	6.0

	Direct	Force
Wind	E	F 8
Sea	SE	F 5
Swell	S	2.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. DI's erratic.

Manifold Pressure	
Min:	1830 psi
Mean:	1900 psi
Max:	1960 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/> 10,65,149,176, 366, fail daily tests. 68,112 s/noisy	6.3	6.4
02	<input checked="" type="checkbox"/> 1,6,41,124, fail daily tests. 66, 177 occ. noisy	6.2	6.4
03	<input checked="" type="checkbox"/> 110, 317, 355 fail daily tests. 68 occ. noisy	6.3	6.5
04	<input checked="" type="checkbox"/> 364 fail daily tests. 188 reversed polarity,	6.3	6.6
05	<input checked="" type="checkbox"/> 66, 110,254 ,365,367 fail daily tests.	6.3	6.5
06	<input checked="" type="checkbox"/> 103,357 fail daily tests. 98 killed, 16,17,57,65 s/noisy	6.3	6.4
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. SP 4300head and tail acoustics deteriorating.

RECORDING		Noise Figures
	Line shot in full. Scratched due to excessive noise and poor acoustics due to weather. Streamer and gun depths varying due to swell. Completed with seq. 111	SOL 15 µB
		EOL 18 µB
Misfires	2 4925,4931 sync errors.	Max 18 µB
NDRs	1 3307 missed CRS	Avg 16 µB
Parities		>10µB % 50

PROCESSING EDITS SCRATCHED: NTBP excessive noise.

SEQUENCE 111

Date (SOL): 13/03/00

1999/2000 Survey

LineName W00INV169013

Line Heading 009.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	21:58	00:51		
SP Recorded	3180	4964		
SP Chargeable	3180	4964		
SP To Process	3180	4964		
Recorded Files	139	1923		
Tapes System A	31066	31070		
Water Depth	71.0	62.0	Maximum	Minimum
Feather Angle	-3.0	9.7	9.7	-3.0

	Direct	Force
Wind	W	F 6
Sea	W	F 4
Swell	E	2.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. DI's erratic.

Manifold Pressure

Min:	1850 psi
Mean:	1905 psi
Max:	1970 psi

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 10,65,149,176, 366, fail daily tests. 68 occ noisy	6.1	7.3
02	<input checked="" type="checkbox"/> 1,6,41,124, fail daily tests. 177 noisy	6.2	7.3
03	<input checked="" type="checkbox"/> 110, 161, 317, 355 fail daily tests. 68,318 occ. noisy	6.1	7.2
04	<input checked="" type="checkbox"/> 364 fail daily tests. Ch 188 reverse polarity.	5.7	7.3
05	<input checked="" type="checkbox"/> 66, 110,254,365,367 fail daily tests. 72 occ. noisy.	6.1	7.0
06	<input checked="" type="checkbox"/> 103,357 fail daily tests. 98 killed, 16,17,57,65 s/noisy	5.9	7.2
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. Tail acoustics noisy.

RECORDING

Reshoot of sequence 110. Infill line acquired to fill far and far-mid coverage. Tail acoustics noisy due to swell.

Noise Figures

 Misfires

 NDRs

 Parities

SOL	3 µB
EOL	3 µB
Max	3 µB
Avg	3 µB
>10µB	% 0

PROCESSING EDITS

None

SEQUENCE 112

Date (SOL): 14/03/00

1999/2000 Survey

LineName W00INV184615

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	04:37	07:09	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SW</td> <td>F 7</td> </tr> <tr> <td>Sea</td> <td>SW</td> <td>F 4</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>3.0 m</td> </tr> </table>			Direct	Force	Wind	SW	F 7	Sea	SW	F 4	Swell	SW	3.0 m
	Direct	Force														
Wind	SW	F 7														
Sea	SW	F 4														
Swell	SW	3.0 m														
SP Recorded	3714	2300														
SP Chargeable	3714	2300														
SP To Process	3714	2300	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>86.0</td> <td>70.0</td> </tr> <tr> <td>Feather Angle</td> <td>2.3</td> <td>0.8</td> </tr> </table>			Maximum	Minimum	Water Depth	86.0	70.0	Feather Angle	2.3	0.8			
	Maximum	Minimum														
Water Depth	86.0	70.0														
Feather Angle	2.3	0.8														
Recorded Files	140	1554														
Tapes System A	31071	31074														
Water Depth	70.0	84.0														
Feather Angle	1.0	1.3														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. DI's erratic.

Manifold Pressure

Min:	1880 psi
Mean:	1908 psi
Max:	1898 psi

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 10,65,149,176, 366, fail daily tests. 112 s/noisy	6.1	6.2
02	<input checked="" type="checkbox"/> 1,6,41,124, fail daily tests.	5.7	6.3
03	<input checked="" type="checkbox"/> 110, 161, 317, 355 fail daily tests. 68,72,114,318 occ. noisy	6.0	6.3
04	<input checked="" type="checkbox"/> 364 fail daily tests. Ch 188 reverse polarity.	6.0	6.3
05	<input checked="" type="checkbox"/> 66, 110,254,365,367 fail daily tests.	6.1	6.3
06	<input checked="" type="checkbox"/> 103,357 fail daily tests. 98 killed, 16,17 s/noisy 2 occ. noisy.	6.1	6.3
07	<input type="checkbox"/>	0.0	0.0
08	<input type="checkbox"/>	0.0	0.0

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. SP 2630-2600 S2C8,14,15 running shallow.

RECORDING

Infill line acquired for missed far/far-mid coverage left from seq.103. Swell noise increasing during line, from SP 3250-EOL. Some depth variations on streamers noted. Problems noted with LMO due to high dynamics in towed equipment.

Noise Figures

Misfires	2	2818,2816 sync errors	SOL	4 µB
NDRs	1	2645 tape error NDR	EOL	8 µB
Parities			Max	10 µB
			Avg	6 µB
			>10µB	% 10

PROCESSING EDITS

None

SEQUENCE 113

Date (SOL): 14/03/00

1999/2000 Survey

LineName W00INV1330P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	11:59	18:45		
SP Recorded	1001	5073		
SP Chargeable	1001	5073		
SP To Process	1001	5073		
Recorded Files	138	4208		
Tapes System A	31075	31084		
Water Depth	158.0	62.0	Maximum	Minimum
Feather Angle	-1.8	-2.3	8.9	-3.6

	Direct	Force
Wind	SW	F 5
Sea	SW	F 4
Swell	SW	3.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. DI's erratic.

Manifold Pressure	
Min:	1850 psi
Mean:	1930 psi
Max:	1930 psi

STREAMER		Comments		
01	<input checked="" type="checkbox"/>	10,65,149,176, 366, fail daily tests. 90,112 s/noisy 34 occ. noisy	6.3	6.9
02	<input checked="" type="checkbox"/>	1,6,41,124, fail daily tests. 146,168 occ. noisy, 239 s/noisy 177 noisy/spiking.	6.5	7.0
03	<input checked="" type="checkbox"/>	110, 161, 317, 355 fail daily tests. 58,72,104,168,318 occ. noisy	6.5	6.7
04	<input checked="" type="checkbox"/>	364 fail daily tests. Ch 188 reverse polarity. 119 occ. noisy	6.0	6.7
05	<input checked="" type="checkbox"/>	66, 110,254,365,367 fail daily tests. 216,367 occ. noisy, 16 noisy 367 weak.	6.4	6.8
06	<input checked="" type="checkbox"/>	103,357 fail daily tests. 98 killed, 16,17,57,65 s/noisy	6.4	6.7
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. S5C7-8 shallow to 2 metres SP 4850-4869. Noise increase coincident with bird locations.

RECORDING		Noise Figures
	First prime line on new swath. Swell noise observed throughout line. No SSS data written to PDL SP 1610-1708, 4810-EOL, processing checks to be done. Steering poor due to large swell. numerous shots missed due to CRS.	SOL 8 µB
Misfires	0	EOL 5 µB
NDRs	27	Max 8 µB
Parities		Avg 7 µB
		>10µB % 5

PROCESSING EDITS	
	None

SEQUENCE 114

Date (SOL): 14/03/00

1999/2000 Survey

LineName W00INV1486P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Scratched

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	: 21:51	: 22:11		
SP Recorded	: 4889	: 4692		
SP Chargeable	: 0	: 0		
SP To Process	: 0	: 0		
Recorded Files	: 138	: 335		
Tapes System A	: 31085	: 31085	Maximum	Minimum
Water Depth	:	:		
Feather Angle	:	:		

Wind	Direct	Force
	SW	F 5
Sea	SW	F 4
Swell	SW	3.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. DI's erratic.

Manifold Pressure

Min:	0 psi
Mean:	1977 psi
Max:	1980 psi

STREAMER

Comments		
01	<input checked="" type="checkbox"/>	10,65,149,176, 366, fail daily tests.
02	<input checked="" type="checkbox"/>	1,6,41,124, fail daily tests.
03	<input checked="" type="checkbox"/>	110, 161, 317, 355 fail daily tests. 318 noisy
04	<input checked="" type="checkbox"/>	364 fail daily tests. Ch 188 reverse polarity.
05	<input checked="" type="checkbox"/>	66, 110,254,365 fail daily tests.
06	<input checked="" type="checkbox"/>	103,357 fail daily tests. 98 killed, 16,17,57,65 s/noisy
07	<input type="checkbox"/>	
08	<input type="checkbox"/>	

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres.

RECORDING

Line terminated due to loss of streamer control. NTBP. All data scratched. Reshot with seq. 116.

Noise Figures

Misfires	<input type="checkbox"/>	Max	0 µB
NDRs	<input type="checkbox"/>	Avg	0 µB
Parities	<input type="checkbox"/>	>10µB	% 0

PROCESSING EDITS

SCRATCHED: Due to streamer control.

SEQUENCE 115

Date (SOL): 15/03/00

1999/2000 Survey

LineName W00INV1318P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	08:32	15:20	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SW</td> <td>F 4</td> </tr> <tr> <td>Sea</td> <td>SW</td> <td>F 3</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>3.0 m</td> </tr> </table>			Direct	Force	Wind	SW	F 4	Sea	SW	F 3	Swell	SW	3.0 m
	Direct	Force														
Wind	SW	F 4														
Sea	SW	F 3														
Swell	SW	3.0 m														
SP Recorded	1001	5073														
SP Chargeable	1001	5073	<table border="1"> <tr> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>160.0</td> <td>62.0</td> </tr> </table>		Maximum	Minimum	160.0	62.0								
Maximum	Minimum															
160.0	62.0															
SP To Process	1001	5073														
Recorded Files	137	4209	<table border="1"> <tr> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>6.9</td> <td>-2.2</td> </tr> </table>		Maximum	Minimum	6.9	-2.2								
Maximum	Minimum															
6.9	-2.2															
Tapes System A	31086	31095														
Water Depth	160.0	62.0														
Feather Angle	-1.0	6.9														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Manifold Pressure

Min:	1850 psi
Mean:	2000 psi
Max:	1960 psi

Comments:

Acceptable array performance. DI's erratic. SP 4104-4211 PI 606 disabled erratic.
 SP 1932 gun 807 disabled, Vol=2195 in³;
 SP 4166 gun 608 disabled, Vol= 2155 in³; high number of misfires noted for 804.
 Gun 202 disbaled, Vol=2100 in³
 SP 3333,3340,3357,3373,4551 to be checked for autofire gun shots.

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 10,65,149,176, 366, fail daily tests. 90,112 occ. noisy	6.2	6.6
02	<input checked="" type="checkbox"/> 1,6,41,124, fail daily tests. 177 occ. noisy 66,168 occ. noisy	6.2	6.5
03	<input checked="" type="checkbox"/> 110, 161, 317, 355 fail daily tests. 72,318 occ. noisy	6.2	6.6
04	<input checked="" type="checkbox"/> 364 fail daily tests. Ch 188 reverse polarity. 1 occ. noisy	6.2	6.7
05	<input checked="" type="checkbox"/> 66, 110,254,365 fail daily tests. 16 occ. noisy, 216 s/noisy 265 bad.	6.3	6.7
06	<input checked="" type="checkbox"/> 103,357 fail daily tests. 98 killed, 16,17,57,65 s/noisy	6.1	6.5
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments:

Automatic depth editing range below 4.5 metres and above 7.5 metres. SOL-SP 1039 S2C2-3 shallow. SP1100-1150 S3C4-6 deep, SP 1370-1459 S3C3-6 deep, SP1670-1710 S5C15 deep, SP 2170-2400 S3C4-6 deep. Noise increase coincident with bird locations.

RECORDING

Line complete, swell from astern. Coverage loss noted due to tail separation between S3-4. Swell noise noted on records, with some streamer control problems. Trace edits to be applied. Above average gun misfires 1.5%. Line subject to processing checks, as noise levels above average.

Noise Figures

SOL	9 µB
EOL	11 µB
Max	11 µB
Avg	10 µB
>10µB	% 10

Misfires 62 1664,166,1796,1844,1848,1866,1868,1884,1886,1920,1928,1930,1934,1936,1952,1954,1956,1962,19

NDRs 2140,2142,2144,2146,2150,2158,2160,2166,2170,2172,2180,2186,2188,2190,2192,2234,2236,2240,2

Parities 0 4158,4160,4162,4164,5071,5073 gun misfires.

PROCESSING EDITS

TRACE EDIT: S3 C3-6 required for depth variations shallow / deep.

SEQUENCE 116

Date (SOL): 15/03/00

1999/2000 Survey

LineName W00INV1486P2

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather																		
Recording Time	18:55	01:45	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SW</td> <td>F 3</td> </tr> <tr> <td>Sea</td> <td>SW</td> <td>F 2</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>3.0 m</td> </tr> </table>			Direct	Force	Wind	SW	F 3	Sea	SW	F 2	Swell	SW	3.0 m					
	Direct	Force																			
Wind	SW	F 3																			
Sea	SW	F 2																			
Swell	SW	3.0 m																			
SP Recorded	4889	817																			
SP Chargeable	4889	817																			
SP To Process	4889	817	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Recorded Files</td> <td>138</td> <td>4210</td> </tr> <tr> <td>Tapes System A</td> <td>31096</td> <td>31105</td> </tr> <tr> <td>Water Depth</td> <td>64.0</td> <td>141.0</td> </tr> <tr> <td>Feather Angle</td> <td>0.0</td> <td>-6.0</td> <td>8.6</td> <td>-7.0</td> </tr> </table>			Maximum	Minimum	Recorded Files	138	4210	Tapes System A	31096	31105	Water Depth	64.0	141.0	Feather Angle	0.0	-6.0	8.6	-7.0
	Maximum	Minimum																			
Recorded Files	138	4210																			
Tapes System A	31096	31105																			
Water Depth	64.0	141.0																			
Feather Angle	0.0	-6.0	8.6	-7.0																	

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. DI's erratic.

Manifold Pressure	
Min:	1870 psi
Mean:	1920 psi
Max:	2010 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/> 10,65,149,176, 366, fail daily tests. 112 occ. noisy 208,209 s/noisy	6.2	6.7
02	<input checked="" type="checkbox"/> 1,6,41,124, fail daily tests. 177 occ. noisy /spiking	6.3	6.8
03	<input checked="" type="checkbox"/> 110, 161, 317, 355 fail daily tests. 72,318 occ. noisy	6.5	6.7
04	<input checked="" type="checkbox"/> 364 fail daily tests. Ch 188 reverse polarity.	6.4	6.7
05	<input checked="" type="checkbox"/> 66, 110,254,365 fail daily tests. 265 bad.	6.4	6.6
06	<input checked="" type="checkbox"/> 103,357 fail daily tests. 98 killed, 16,17,57,65 s/noisy	6.3	6.5
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. S2C14 occasionally shallow, SP 3991-3115 S5C8 shallow, S2 C14-16 shallow SP 3290-3115, 2580-2446. Noise increase coincident with bird locations.

RECORDING	Noise Figures
Line complete. Swell noise noted on records, with some streamer control problems. Swell noise decreasing throughout line. Reshoot of sequence 114.	SOL 11 µB
	EOL 3 µB
Misfires <input type="checkbox"/>	Max 11 µB
NDRs 4 1919, 1918,1827,1734 NDR d/t CRS problem.	Avg 5 µB
Parities <input type="checkbox"/>	>10µB % 5

PROCESSING EDITS	
None	

SEQUENCE 117

Date (SOL): 16/03/00

1999/2000 Survey

LineName W00INV1306P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	05:06	11:55		
SP Recorded	1001	5073		
SP Chargeable	1001	5073		
SP To Process	1001	5073		
Recorded Files	141	4213		
Tapes System A	31106	31116		
Water Depth	161.0	61.0	Maximum	Minimum
Feather Angle	4.2	1.0	-5.0	4.4

	Direct	Force
Wind	VAR	F 1
Sea	VAR	F 1
Swell	SW	1.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

 Comments: Acceptable array performance.
 SP 1360 gun 807 disabled. Vol=2195 in³
Manifold Pressure

Min:	1830 psi
Mean:	1938 psi
Max:	1908 psi

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 10,65,149,176, 366, fail daily tests. 90,112 noisy	6.0	6.2
02	<input checked="" type="checkbox"/> 1,6,41,124, fail daily tests. 177 occ. noisy /spiking	5.9	6.1
03	<input checked="" type="checkbox"/> 110, 161, 317, 355 fail daily tests. 72,318 occ. noisy, 57,58,318 s/noisy	5.8	6.2
04	<input checked="" type="checkbox"/> 364 fail daily tests. Ch 188 reverse polarity.	6.0	6.3
05	<input checked="" type="checkbox"/> 66, 110,254,365 fail daily tests. 265 bad, 216 occ. noisy, 306 s/noisy, 367 bad	5.9	6.3
06	<input checked="" type="checkbox"/> 103,357 fail daily tests. 98 killed, 16,17,57,65 s/noisy	5.9	6.2
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. Tape 31110 only has 3 files recorded on it due to tape error. Noise increase coincident with bird locations.

RECORDING

Line complete. Following seas resulting in tail separation 3-4 being wide, single columns of coverage lost.

Noise Figures

Misfires 17 1232,1234,1262,1264,1266,1268,1270,1276,1278,1284,1286,1332,1334,1354,1356,1358 sync errors.

SOL	3 µB
EOL	5 µB
Max	5 µB
Avg	4 µB
>10µB	% 3

NDRs 1409 gun auto fire.

Parities

PROCESSING EDITS

None

SEQUENCE 118

Date (SOL): 16/03/00

1999/2000 Survey

LineName W00INV148611

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	15:24	22:20		
SP Recorded	4889	817		
SP Chargeable	4889	817		
SP To Process	4889	817		
Recorded Files	141	4212		
Tapes System A	31117	31125		
Water Depth	63.0	141.0	Maximum	Minimum
Feather Angle	-6.0	8.6	8.7	-7.7

	Direct	Force
Wind	SE	F 3
Sea	SE	F 1
Swell	SW	2.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. DI's occasionally erratic.
 SOL gun 807 disabled. Vol=2195 in³, down for line.
 SP 1890 gun 706 disabled, vol=2115 in³
 SP 1888 gun PI 706 disabled.

Manifold Pressure	
Min:	1850 psi
Mean:	1980 psi
Max:	1910 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	10,65,149,176, 366, fail daily tests. 112 s/noisy	6.1	6.7
02	<input checked="" type="checkbox"/>	1,6,41,124, fail daily tests. 177 occ. noisy /spiking	5.8	6.3
03	<input checked="" type="checkbox"/>	110, 161, 317, 355 fail daily tests. 57,58 occ. noisy, 105 s/weak	6.1	6.4
04	<input checked="" type="checkbox"/>	364 fail daily tests. Ch 188 reverse polarity.	6.0	6.3
05	<input checked="" type="checkbox"/>	66, 110,254,365 fail daily tests. 367 bad	6.0	6.3
06	<input checked="" type="checkbox"/>	103,357 fail daily tests. 98 killed, 16,17,57,65, 113,114 s/noisy	6.0	6.2
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. SP 1360-1260 S2C5-7 deep. Noise increase coincident with bird locations.

RECORDING		Noise Figures
	Line acquired as progressive infill, to correct steering offsets. Swell noise observed throughout line, decreasing towards EOL.	SOL 7 µB
		EOL 5 µB
Misfires	<input type="checkbox"/>	Max 7 µB
NDRs	6 4880,4851,4836,4810,1385 NDR d/t CRS failures., SP 822 missed.	Avg 5 µB
Parities	<input type="checkbox"/>	>10µB % 5

PROCESSING EDITS	
	None

SEQUENCE 119

Date (SOL): 17/03/00

1999/2000 Survey

LineName W00INV1294P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	02:00	09:04		
SP Recorded	1001	5073		
SP Chargeable	1001	5073		
SP To Process	1001	5073		
Recorded Files	140	4212		
Tapes System A	31127	31136		
Water Depth	163.0	61.0	Maximum	Minimum
Feather Angle	1.9	-4.0	7.2	-4.0

	Direct	Force
Wind	NE	F 3
Sea	NE	F 1
Swell	SW	2.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. DI's occasionally erratic.

Manifold Pressure	
Min:	1850 psi
Mean:	1957 psi
Max:	1928 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/> 10,65,149,176, 366, fail daily tests.	6.0	6.2
02	<input checked="" type="checkbox"/> 1,6,41,124, fail daily tests. 168 occ. noisy 177 occ. noisy/spiking	5.9	6.1
03	<input checked="" type="checkbox"/> 110, 161, 317, 355 fail daily tests. 57,58,68,72 occ. noisy, 318 s/noisy	6.0	6.3
04	<input checked="" type="checkbox"/> 364 fail daily tests. Ch 188 reverse polarity. 1 occ. noisy	5.9	6.3
05	<input checked="" type="checkbox"/> 66, 110,254,365 fail daily tests. 367 bad ; 16,216,281,306 s/noisy	5.9	6.0
06	<input checked="" type="checkbox"/> 103,357 fail daily tests. 98 killed, 16,17,57,65 s/noisy	5.9	6.1
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. Noise increase coincident with bird locations.

RECORDING	Line complete. Swell noise observed throughout line.	Noise Figures
		SOL 4 µB
		EOL 4 µB
Misfires		Max 4 µB
NDRs	2 3661,4834 CRS tape errors.	Avg 4 µB
Parities		>10µB % 2

PROCESSING EDITS	None

SEQUENCE 120

Date (SOL): 17/03/00

1999/2000 Survey

LineName W00INV1474P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	12:17	19:07	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>NE</td> <td>F 3</td> </tr> <tr> <td>Sea</td> <td>NE</td> <td>F 1</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>2.7 m</td> </tr> </table>			Direct	Force	Wind	NE	F 3	Sea	NE	F 1	Swell	SW	2.7 m
	Direct	Force														
Wind	NE	F 3														
Sea	NE	F 1														
Swell	SW	2.7 m														
SP Recorded	4889	817														
SP Chargeable	4889	817														
SP To Process	4889	817	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>141.0</td> <td>64.0</td> </tr> <tr> <td>Feather Angle</td> <td>-7.4</td> <td>4.1</td> </tr> </table>			Maximum	Minimum	Water Depth	141.0	64.0	Feather Angle	-7.4	4.1			
	Maximum	Minimum														
Water Depth	141.0	64.0														
Feather Angle	-7.4	4.1														
Recorded Files	163	4235														
Tapes System A	31137	31146														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. DI's occasionally erratic.

Manifold Pressure	
Min:	1830 psi
Mean:	1960 psi
Max:	1970 psi

STREAMER	Comments	Min	Max
01	<input checked="" type="checkbox"/> 10,65,149,176, 366, fail daily tests; 109,112 s/noisy	5.9	6.4
02	<input checked="" type="checkbox"/> 1,6,41,124, fail daily tests. 177 occ. noisy /spiking	5.8	6.2
03	<input checked="" type="checkbox"/> 110, 161, 317, 355 fail daily tests. 72 s/noisy	6.0	6.4
04	<input checked="" type="checkbox"/> 364 fail daily tests. Ch 188 reverse polarity.	6.0	6.2
05	<input checked="" type="checkbox"/> 66, 110,254,365 fail daily tests. 367 bad ; 216,281,306 s/noisy	5.6	6.0
06	<input checked="" type="checkbox"/> 103,357 fail daily tests. 98 killed, 16,17,57,65 s/noisy	5.9	6.1
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres.

RECORDING	Noise Figures
Line complete. Random swell noise observed throughout line. Block edit required for streamer 5 traces 209-368, between SP 2480-2320 due to bird 14 change locked wing angle.	SOL 5 µB
	EOL 3 µB
Misfires <input type="checkbox"/>	Max 5 µB
NDRs 8 4604,3306,2606,2573,2382,2229,1540,1024 CRS error	Avg 4 µB
Parities <input type="checkbox"/>	>10µB % 0

PROCESSING EDITS
TRACE EDIT: S5 SP2480-2320 # 209-368 d/t wing 14 wing angle problem.

SEQUENCE 121

Date (SOL): 17/03/00

1999/2000 Survey

LineName W00INV1282P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	21:36	04:56	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>ENE</td> <td>F 6</td> </tr> <tr> <td>Sea</td> <td>ENE</td> <td>F 2</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>3.0 m</td> </tr> </table>			Direct	Force	Wind	ENE	F 6	Sea	ENE	F 2	Swell	SW	3.0 m
	Direct	Force														
Wind	ENE	F 6														
Sea	ENE	F 2														
Swell	SW	3.0 m														
SP Recorded	1001	5073														
SP Chargeable	1001	5073														
SP To Process	1001	5073	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>173.0</td> <td>62.0</td> </tr> <tr> <td>Feather Angle</td> <td>2.7</td> <td>5.0</td> </tr> <tr> <td></td> <td>6.0</td> <td>-5.0</td> </tr> </table>			Maximum	Minimum	Water Depth	173.0	62.0	Feather Angle	2.7	5.0		6.0	-5.0
	Maximum	Minimum														
Water Depth	173.0	62.0														
Feather Angle	2.7	5.0														
	6.0	-5.0														
Recorded Files	171	4243														
Tapes System A	31147	31156														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. DI's occasionally erratic.

Manifold Pressure

Min:	0 psi
Mean:	1905 psi
Max:	1905 psi

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 10,65,149,176, 366, fail daily tests; 109,112 s/noisy	6.0	6.2
02	<input checked="" type="checkbox"/> 1,6,41,124, fail daily tests; 14,15,79,80,238 s/noisy; 94,95,168 occ. noisy	6.0	6.4
03	<input checked="" type="checkbox"/> 110, 161, 317, 355 fail daily tests. 56-58,72 occ. noisy; 189 s/noisy	6.1	6.3
04	<input checked="" type="checkbox"/> 364 fail daily tests. Ch 188 reverse polarity; 121 occ. noisy	5.9	6.3
05	<input checked="" type="checkbox"/> 66, 110,254,365 fail daily tests. 367 bad ; 172,173,216,305,306 s/noisy	6.0	6.2
06	<input checked="" type="checkbox"/> 103,357 fail daily tests. 98 killed, 16,17,57,65 s/noisy	5.7	6.3
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. Poor tail and head net acoustics due to swell from SP3858-EOL.

RECORDING

Line complete. Random swell noise observed throughout line. Slight increase in noise as swell increasing. High crab angles noted due to weather. Problems noted with LMO QC between SP 3979-4190 due to high dynamics in towed equipment, as a result of squall.

Noise Figures

 Misfires

NDRs 5 2054,2601,3062,3244,4191 d/t CRS errors

 Parities

SOL	3 µB
EOL	4 µB
Max	4 µB
Avg	3 µB
>10µB	% 0

PROCESSING EDITS

None

SEQUENCE 122

Date (SOL): 18/03/00

1999/2000 Survey

LineName W00INV1462P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	07:29	14:29		
SP Recorded	4889	817		
SP Chargeable	4889	817		
SP To Process	4889	817		
Recorded Files	140	4212		
Tapes System A	31157	31166		
Water Depth	63.0	147.0	Maximum	Minimum
Feather Angle	-3.9	0.7	147.0	63.0
			5.9	-4.0

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

 Comments: Acceptable array performance. DI's occasionally erratic.
 SP 997 guns 203 & 204 disabled, new vol=2090 in³
Manifold Pressure

Min:	1840 psi
Mean:	1948 psi
Max:	1950 psi

STREAMER

Comments				
01	<input checked="" type="checkbox"/>	10,65,149,176, 366, fail daily tests; 109,112 occ. noisy; 208,209 s/noisy	6.1	6.7
02	<input checked="" type="checkbox"/>	1,6,41,124, fail daily tests; 177 occ. noisy /spiking	5.9	6.2
03	<input checked="" type="checkbox"/>	110, 161, 317, 355 fail daily tests. 57-59,72,318 occ. noisy	6.1	6.4
04	<input checked="" type="checkbox"/>	364 fail daily tests. Ch 188 reverse polarity; 342 s/noisy	6.1	6.5
05	<input checked="" type="checkbox"/>	66, 110,254,365 fail daily tests. 367 bad ; 305,306 s/noisy	6.1	6.5
06	<input checked="" type="checkbox"/>	103,357 fail daily tests. 98 killed, 16,17,57,65 s/noisy; 113,114 occ. noisy	5.8	6.3
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. S2C6,18,20 occasionally shallow. SP440-4370 S6C9-10 deep. SP 2149-EOL lost comms. to S4C16.

RECORDING

Line complete. Random swell noise observed throughout line.

Noise Figures

Misfires 11 3584,1053,1051,1047,1037,1035,1001,998,996,865,840

NDRs 1 4518 CRS error

Parities

SOL	5 µB
EOL	6 µB
Max	7 µB
Avg	6 µB
>10µB	% 5

PROCESSING EDITS

None

SEQUENCE 123

Date (SOL): 18/03/00

1999/2000 Survey

LineName W00INV1270P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	17:18	00:08		
SP Recorded	1001	5073		
SP Chargeable	1001	5073		
SP To Process	1001	5073		
Recorded Files	138	4210		
Tapes System A	31167	31176		
Water Depth	187.0	63.0	Maximum	Minimum
Feather Angle	-0.3	-7.4	-7.4	-0.3

	Direct	Force
Wind	WSW	F 4
Sea	SW	F 3
Swell	SW	3.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. DI's occasionally erratic. SP 4290 gun 801 & 802 disabled. New Vol=1950 in³

Manifold Pressure	
Min:	1850 psi
Mean:	1950 psi
Max:	1990 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/> 10,65,149,176, 366, fail daily tests; 49 occ. noisy	6.4	6.7
02	<input checked="" type="checkbox"/> 1,6,41,124, fail daily tests; 177 occ. noisy /spiking	6.5	6.6
03	<input checked="" type="checkbox"/> 110, 161, 317, 355 fail daily tests. 57,72 occ. noisy; 318 noisy	6.6	6.8
04	<input checked="" type="checkbox"/> 364 fail daily tests. Ch 188 reverse polarity; 119 occ. noisy; 342 weak	6.5	6.7
05	<input checked="" type="checkbox"/> 66, 110,254,365 fail daily tests. 367 bad ; 16,216 occ. noisy	6.6	6.7
06	<input checked="" type="checkbox"/> 103,357 fail daily tests. 98 killed, 57,65 s/noisy	6.4	6.9
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. SOL-EOL lost comms. to S4C16.

RECORDING		Noise Figures
	Line complete. Random swell noise observed throughout line. SOL-SP 3972 no Spectra QC logging.	SOL 6 µB
		EOL 6 µB
Misfires	3 4244, 4246, 4248 gun sync errors.	Max 6 µB
NDRs		Avg 6 µB
Parities		>10µB % 0

PROCESSING EDITS	
	None

SEQUENCE 124

Date (SOL): 19/03/00

1999/2000 Survey

LineName W00INV146211

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	03:31	10:33		
SP Recorded	4889	817		
SP Chargeable	4889	817		
SP To Process	4889	817		
Recorded Files	139	4211		
Tapes System A	31177	31192		
Water Depth	63.0	150.0	Maximum	Minimum
Feather Angle	-2.2	1.9	-4.4	2.6

	Direct	Force
Wind	SW	F 3
Sea	SW	F 2
Swell	SW	3.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. DI's occasionally erratic. SP 1611 DI disabled 608.

Manifold Pressure	
Min:	1830 psi
Mean:	1918 psi
Max:	1918 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/> 10,65,149,176, 366, fail daily tests; 109 s/noisy; 112,208-210 occ. noisy	6.1	6.7
02	<input checked="" type="checkbox"/> 1,6,41,124, fail daily tests; 177 occ. noisy /spiking	6.1	6.3
03	<input checked="" type="checkbox"/> 110, 161, 317, 355 fail daily tests. 72 occ. noisy; 318 noisy, 112,113 s/noisy	6.3	6.7
04	<input checked="" type="checkbox"/> 364 fail daily tests. Ch 188 reverse polarity;	6.2	6.5
05	<input checked="" type="checkbox"/> 66, 110,254,365 fail daily tests; 216, 305,306 occ. noisy	6.0	6.3
06	<input checked="" type="checkbox"/> 103,357 fail daily tests. 98 killed, 17,57,65,113,114 s/noisy; 16 noisy	6.2	6.4
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. SOL-EOL lost comms. to S4C16. SP 4275-4215 S2C5-6 deep, SP2590-2560 S2C6-7 shallow.

RECORDING		Noise Figures
	Line acquired as progressive infill, to correct steering offsets. Trace edits required for S2 due to bird depth deviations. Reels 31178-31188 short number of files per tape d/t CRS, No data files lost.	SOL 8 µB
		EOL 8 µB
Misfires	3 973,920,837 gun autofires.	Max 9 µB
NDRs	3 3306,3307 duplicate headers. 3186 bad due to duplicate header errors.	Avg 8 µB
Parities		>10µB % 5

PROCESSING EDITS	
	None

SEQUENCE 125

Date (SOL): 19/03/00

1999/2000 Survey

LineName W00INV127011

Line Heading 009.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	14:07	20:52		
SP Recorded	1001	5073		
SP Chargeable	1001	5073		
SP To Process	1001	5073		
Recorded Files	151	4223		
Tapes System A	31193	31202		
Water Depth	191.0	62.0	Maximum	Minimum
Feather Angle	-4.0	2.1	-4.1	4.0

Wind	Direct	Force
	SW	F 3
Sea	SW	F 2
Swell	SW	3.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE	01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
	02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots
Comments:	Acceptable array performance. DI's occasionally erratic.		

Manifold Pressure	
Min:	1840 psi
Mean:	1900 psi
Max:	1915 psi

STREAMER	Comments		Min	Max
01	<input checked="" type="checkbox"/>	10,65,149,176, 366, fail daily tests; 90 s/noisy; 109,112 occ. noisy	6.4	6.6
02	<input checked="" type="checkbox"/>	1,6,41,124, fail daily tests; 168 occ. noisy; 177 occ. noisy /spiking	6.4	6.5
03	<input checked="" type="checkbox"/>	110, 161, 317, 355 fail daily tests. 57,58,72 occ. noisy; 318 noisy	6.4	6.8
04	<input checked="" type="checkbox"/>	364 fail daily tests. Ch 188 reverse polarity; 141 s/noisy; 342 weak	6.4	6.7
05	<input checked="" type="checkbox"/>	66, 110,254,365 fail daily tests; 216 occ. noisy	6.2	6.7
06	<input checked="" type="checkbox"/>	103,357 fail daily tests. 98 killed, 17,57,65 s/noisy; 16 noisy	5.9	6.6
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:		Min	Max
- Weak	Refer to above comments	Depth	
- Killed	Refer to above comments		
- Noisy	Refer to above comments		

Comments:	Automatic depth editing range below 4.5 metres and above 7.5 metres. SOL-EOL lost comms. to S4C16.
------------------	--

RECORDING	Line acquired as progressive infill, to correct steering offsets. Swell noise decreasing during line.	Noise Figures
		SOL 6 µB
		EOL 3 µB
Misfires <input type="checkbox"/>		Max 6 µB
NDRs <input type="checkbox"/>		Avg 4 µB
Parities <input type="checkbox"/>		>10µB % 3

PROCESSING EDITS	None
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SEQUENCE 126

Date (SOL): 19/03/00

1999/2000 Survey

LineName W00INV1450P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather													
Recording Time	23:40	06:44	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>SW</td> <td>F 3</td> </tr> <tr> <td>Sea</td> <td>SW</td> <td>F 2</td> </tr> <tr> <td>Swell</td> <td>SW</td> <td>2.5 m</td> </tr> </table>			Direct	Force	Wind	SW	F 3	Sea	SW	F 2	Swell	SW	2.5 m
	Direct	Force														
Wind	SW	F 3														
Sea	SW	F 2														
Swell	SW	2.5 m														
SP Recorded	4889	817														
SP Chargeable	4889	817														
SP To Process	4889	817	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Water Depth</td> <td>154.0</td> <td>63.0</td> </tr> <tr> <td>Feather Angle</td> <td>5.1</td> <td>-4.0</td> </tr> </table>			Maximum	Minimum	Water Depth	154.0	63.0	Feather Angle	5.1	-4.0			
	Maximum	Minimum														
Water Depth	154.0	63.0														
Feather Angle	5.1	-4.0														
Recorded Files	137	4209														
Tapes System A	31203	31212														

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Manifold Pressure

Min:	1810 psi
Mean:	1950 psi
Max:	2010 psi

Comments: Acceptable array performance. DI's occasionally erratic.

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 10,65,149,176, 366, fail daily tests; 208,209 s/noisy; 109,112 occ. noisy	5.6	6.5
02	<input checked="" type="checkbox"/> 1,6,41,124, fail daily tests; 89,90 occ. noisy; 177 noisy; 79,80 s/noisy	5.9	6.2
03	<input checked="" type="checkbox"/> 110, 161, 317, 355 fail daily tests. 72 s/noisy; 189,318 occ. noisy	5.8	6.3
04	<input checked="" type="checkbox"/> 364 fail daily tests. Ch 188 reverse polarity; 342 bad	6.0	6.4
05	<input checked="" type="checkbox"/> 66, 110,254,365 fail daily tests; 216,305,306 s/noisy; 65,281 occ. noisy	6.0	6.3
06	<input checked="" type="checkbox"/> 103,357 fail daily tests. 98 killed, 17,57,65 s/noisy; 16 noisy	6.0	6.3
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. SOL-EOL lost comms. to S4C16.

RECORDING

Line complete. Slight increase in noisy during line.

Noise Figures

SOL	4 µB
EOL	6 µB
Max	6 µB
Avg	5 µB
>10µB	% 3

 Misfires

 NDRs

 Parities
PROCESSING EDITS

None

SEQUENCE 127

Date (SOL): 20/03/00

1999/2000 Survey

LineName W00INV1258P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	10:21	17:02		
SP Recorded	1001	5073		
SP Chargeable	1001	5073		
SP To Process	1001	5073		
Recorded Files	139	4209		
Tapes System A	31213	31222		
Water Depth	197.0	61.0	Maximum	Minimum
Feather Angle	1.4	-2.0	197.0	61.0
			-6.2	1.4

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. DI's occasionally erratic.

Manifold Pressure

Min:	1830 psi
Mean:	1948 psi
Max:	1970 psi

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 10,65,149,176, 366, fail daily tests; 109,112 s/noisy	6.2	6.5
02	<input checked="" type="checkbox"/> 1,6,41,124 daily tests; 146,168,239 occ. noisy; 177 noisy; 14,15,79,80 s/noisy	6.2	6.3
03	<input checked="" type="checkbox"/> 110, 161, 317, 355 fail daily tests. 23,24,57,58,72,168 s/noisy; 318 occ. noisy	6.2	6.7
04	<input checked="" type="checkbox"/> 364 fail daily tests. Ch 188 reverse polarity; 342 bad	6.2	6.5
05	<input checked="" type="checkbox"/> 66, 110,254,365,367 fail daily tests; 16 noisy; 17,216 occ. noisy	6.1	6.5
06	<input checked="" type="checkbox"/> 103,357 fail daily tests. 98 killed, 16,17,57,65 s/noisy	6.2	6.4
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. SOL-EOL lost comms. to S4C16. SOL-SP1091, SP1195-1250 S1C1-6 running deep. SP2245-2272 S3C5-6 shallow, SP3124-3220 S3C2-4 deep.

RECORDING

Line complete. Line acquired while refuelling, restricting manoeuvrability. Swell noise evident on records, line subject to processing checks. Trace edits required due to minor streamer depth problems.

Noise Figures

 Misfires

NDRs 4 1319, 2588 CRS errors ; SP3496,4660 missed.

 Parities

SOL	10 µB
EOL	7 µB
Max	10 µB
Avg	8 µB
>10µB	% 25

PROCESSING EDITS

None

SEQUENCE 128

Date (SOL): 20/03/00

1999/2000 Survey

LineName W00INV1438P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Scratched

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	19:57	22:06		
SP Recorded	4889	3656		
SP Chargeable	0	0		
SP To Process	4889	3656		
Recorded Files	135	1368		
Tapes System A	31223	31225		
Water Depth	63.0	73.0	Maximum	Minimum
Feather Angle	-2.6	-1.4	-4.0	-1.4

	Direct	Force
Wind	SW	F 5
Sea	SW	F 4
Swell	SW	3.7 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. DI's occasionally erratic.

Manifold Pressure

Min:	1860 psi
Mean:	1930 psi
Max:	1920 psi

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 10,65,149,176, 366, fail daily tests; 109,112 s/noisy	6.1	6.8
02	<input checked="" type="checkbox"/> 1,6,41,124 daily tests; 146,168,239 occ. noisy; 177 noisy; 14,15,79,80 s/noisy	6.1	6.9
03	<input checked="" type="checkbox"/> 110, 161, 317, 355 fail daily tests. 23,24,57,58,72,168 s/noisy; 318 occ. noisy	6.3	6.9
04	<input checked="" type="checkbox"/> 364 fail daily tests. Ch 188 reverse polarity; 342 bad	6.3	6.6
05	<input checked="" type="checkbox"/> 66, 110,254,365,367 fail daily tests; 16 noisy; 17,216 occ. noisy	6.1	6.7
06	<input checked="" type="checkbox"/> 103,357 fail daily tests. 98 killed, 16,17,57,65 s/noisy	5.9	6.8
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. SOL-EOL lost comms. to S4C16.

RECORDING

Line scratched due to loss of streamer control and noise levels. Reshot with sequence 130.

Noise Figures

 Misfires

 NDRs

 Parities

SOL	10 µB
EOL	0 µB
Max	10 µB
Avg	0 µB
>10µB	% 40

PROCESSING EDITS

SCRATCHED: Noise and streamer control lost.

SEQUENCE 129

Date (SOL): 21/03/00

1999/2000 Survey

LineName W00INV1246P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	05:58	12:43		
SP Recorded	1001	5073		
SP Chargeable	1001	5073		
SP To Process	1001	5073		
Recorded Files	140	4208		
Tapes System A	31226	31235		
Water Depth	200.0	60.0	Maximum	Minimum
Feather Angle	-1.8	-1.1	-4.7	-1.1

	Direct	Force
Wind	SE	F 5
Sea	SE	F 4
Swell	SW	4.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. DI's occasionally erratic.

Manifold Pressure	
Min:	1860 psi
Mean:	1950 psi
Max:	1980 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	10,65,149,176, 366, fail daily tests; 90,109,112 s/noisy	6.4	6.7
02	<input checked="" type="checkbox"/>	1,6,41,124 dailies 177 noisy 14,15,79,80,95,96,168,191,192,194,195,239 o/noisy	6.4	6.6
03	<input checked="" type="checkbox"/>	110, 161, 317, 355 daily tests. 23,24,72,318 s/noisy 14,15,56-60,168 occ. noisy	6.1	6.6
04	<input checked="" type="checkbox"/>	364 fail daily tests. Ch 188 reverse polarity; 342 bad; 121 occ. noisy	5.8	6.6
05	<input checked="" type="checkbox"/>	66,110,254,365,367 dailies 10,16,17 o/noisy 216,279,306 s/noisy 280,281 noisy	5.7	6.5
06	<input checked="" type="checkbox"/>	103,357 fail daily tests. 98 killed, 17,57,65,113,114 s/noisy 16 noisy	6.1	6.5
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. SOL-EOL lost comms. to S4C16. Noise increase coincident with bird locations.

RECORDING	Line complete, shot in heavy swell, subject to processing checks. Swell noise evident on records. Tailend spread wide due to following sea, coverage lost. Streamer depths fluctuating.		Noise Figures	
Misfires	<input type="checkbox"/>		SOL	12 µB
NDRs	5	1465,3305,3839,3885 not recorded. SP 1370 trace error.	EOL	10 µB
Parities	<input type="checkbox"/>		Max	12 µB
			Avg	11 µB
			>10µB	% 33

PROCESSING EDITS	None

SEQUENCE 130

Date (SOL): 21/03/00

1999/2000 Survey

LineName W00INV1438P2

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	16:02	22:49		
SP Recorded	4889	817		
SP Chargeable	4889	817		
SP To Process	4889	817		
Recorded Files	137	4209		
Tapes System A	31236	31245		
Water Depth	64.0	157.0	Maximum	Minimum
Feather Angle	7.0	-1.5	7.0	-5.2

	Direct	Force
Wind	ESE	F 7
Sea	ESE	F 4
Swell	SW	3.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. DI's occasionally erratic.

Manifold Pressure	
Min:	1840 psi
Mean:	1920 psi
Max:	1980 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	10,65,149,176, 366, fail daily tests; 109,112 s/noisy 90,208-210 o/noisy	6.2	6.7
02	<input checked="" type="checkbox"/>	1,6,41,124 dailies 177 noisy 129,79,90 o/noisy	6.1	6.4
03	<input checked="" type="checkbox"/>	110, 161, 317, 355 daily tests. 23,24,72,189,318 s/noisy 56-59,112-114 o/noisy	6.1	6.6
04	<input checked="" type="checkbox"/>	364 fail daily tests. Ch 188 reverse polarity; 342 bad; 64,141 s/noisy	6.1	6.4
05	<input checked="" type="checkbox"/>	66,110,254,365,367 dailies 16,154,281 noisy 216,306 s/noisy 280 o/noisy	6.1	6.5
06	<input checked="" type="checkbox"/>	103,357 fail daily tests. 98 killed, 17,57,65 s/noisy 16 noisy, 113,114 o/noisy	6.2	6.3
07	<input type="checkbox"/>		0.0	
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. SOL-EOL lost comms. to S4C16.

RECORDING	Line complete, shot in heavy swell, subject to processing checks. Swell noise evident on records, decreasing during line. Reshot of sequence 128.		Noise Figures	
Misfires	3	4850,4848,1111 gun sync errors.	SOL	9 µB
NDRs	1	904 CRS error	EOL	4 µB
Parities			Max	9 µB
			Avg	6 µB
			>10µB	% 20

PROCESSING EDITS	None

SEQUENCE 131

Date (SOL): 22/03/00

1999/2000 Survey

LineName W00INV1234P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	01:56	08:56		
SP Recorded	1001	5073		
SP Chargeable	1001	5073		
SP To Process	1001	5073		
Recorded Files	140	4194		
Tapes System A	31246	31255		
Water Depth	242.0	62.0	Maximum	Minimum
Feather Angle	4.7	3.7	242.0	62.0
			4.7	-3.4

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE	01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
	02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots
Comments:	Acceptable array performance. DI's occasionally erratic.		

Manifold Pressure	
Min:	1840 psi
Mean:	1938 psi
Max:	1938 psi

STREAMER	Comments		Min	Max
01	<input checked="" type="checkbox"/>	10,65,149,176, 366, fail daily tests; 17,109,112 s/noisy 1,2 noisy	6.4	6.6
02	<input checked="" type="checkbox"/>	1,6,41,124 dailies 177 noisy 14,15 o/noisy 239 s/noisy	5.7	6.5
03	<input checked="" type="checkbox"/>	110,138,161, 317, 355 daily tests. 189 s/noisy 14,15,23,24,56-59,72,121 o/noisy	6.2	6.5
04	<input checked="" type="checkbox"/>	364 fail daily tests. Ch 188 reverse polarity; 342 bad; 141 s/noisy	6.4	6.5
05	<input checked="" type="checkbox"/>	66,110,254,365,367 dailies 154 o/noisy 216,306 s/noisy 280/281 noisy/kicking	6.4	6.5
06	<input checked="" type="checkbox"/>	103,357 fail daily tests. 98 killed, 16,17,57,65 s/noisy	6.2	6.5
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			
Traces:			Min	Max
- Weak	Refer to above comments		Depth	
- Killed	Refer to above comments			
- Noisy	Refer to above comments			
Comments:	Automatic depth editing range below 4.5 metres and above 7.5 metres. SOL-EOL lost comms. to S4C16. Problems experienced with streamer 5, need power recycle during line. SP 1407-1428, 2664-2669, 2704-2736, 2734-2736, 2783-2784 no data recorded on streamer 5.			

RECORDING	Line complete. Swell noise evident on records. Problems experienced with streamer 5, needed a power recycle during line, resulting in lost records.	Noise Figures	
		SOL	3 µB
		EOL	3 µB
Misfires	1407-1428, 2664-2669, 2704-2708 2734-2736, 2783-2784 no data S5 only. , 4344 S4 bad data.	Max	5 µB
NDRs	19 1422,1423,1427,1429,1430,2667,2668,2670-2672,2709-2711,2737,2738,2785-2787 NDR, repowering	Avg	3 µB
Parities	1845 CRS trace error.	>10µB	% 5

PROCESSING EDITS	None
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SEQUENCE 132

Date (SOL): 22/03/00

1999/2000 Survey

LineName W00INV1426P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	11:26	18:20		
SP Recorded	4889	817		
SP Chargeable	4889	817		
SP To Process	4889	817		
Recorded Files	161	4233		
Tapes System A	31256	31265		
Water Depth	61.0	158.0	Maximum	Minimum
Feather Angle	-2.4	-3.0	6.0	-3.8

	Direct	Force
Wind	NNW	F 6
Sea	NNW	F 4
Swell	SW	2.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. DI's occasionally erratic.

Manifold Pressure	
Min:	1830 psi
Mean:	1918 psi
Max:	1930 psi

STREAMER	Comments		Min	Max
01	<input checked="" type="checkbox"/>	10,34,65,149,176, 366, fail daily tests: 2,68 s/noisy	6.0	6.5
02	<input checked="" type="checkbox"/>	1,6,41,124 dailies 177 noisy 66 o/noisy 239 s/noisy	6.0	6.3
03	<input checked="" type="checkbox"/>	110,138,161, 317, 355 daily tests. 189,318 s/noisy 72 o/noisy	6.0	6.4
04	<input checked="" type="checkbox"/>	364 fail daily tests. Ch 188 reverse polarity; 342 bad; 141,327,257,328 s/noisy	6.1	6.3
05	<input checked="" type="checkbox"/>	66,110,254,365,367 dailies 154,280 o/noisy 216,306 s/noisy 281 noisy/kicking	6.0	6.3
06	<input checked="" type="checkbox"/>	103,357 fail daily tests. 98 killed, 17,57,65 s/noisy 16 noisy	6.1	6.3
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. SOL-EOL lost comms. to S4C16. No streamer 5 powerup problems reported.

RECORDING	Noise Figures
Line complete. Swell noise evident on records. SP 1200 vessel movement affected by gusting wind, moving port at 0.8 knots, tail acoustics deteriorating rapidly. Last portion of line subject to processing checks.	SOL 3 µB
	EOL 3 µB
Misfires <input type="checkbox"/>	Max 3 µB
NDRs <input type="checkbox"/>	Avg 3 µB
Parities <input type="checkbox"/>	>10µB % 2

PROCESSING EDITS	
None	

SEQUENCE 133

Date (SOL): 24/03/00

1999/2000 Survey

LineName W00INV1222P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	07:13	13:57		
SP Recorded	1001	5073		
SP Chargeable	1001	5073		
SP To Process	1001	5073		
Recorded Files	140	4211		
Tapes System A	31266	31275		
Water Depth	258.0	62.0	Maximum	Minimum
Feather Angle	3.5	0.0	7.2	0.0

	Direct	Force
Wind	ESE	F 4
Sea	ESE	F 2
Swell	SW	3.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. DI's occasionally erratic.
Gun 106 disabled at SOL due to air hose burst on runin to line. Vol=2170 in³

Manifold Pressure

Min:	1830 psi
Mean:	1891 psi
Max:	1900 psi

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 10,34,65,149,176, 366, fail daily tests: 49,90 o/noisy 2,109,112,208,209 s/noisy	5.9	6.4
02	<input checked="" type="checkbox"/> 1,6,41,124 dailies 177 noisy 14,15,66,79,80,168,191,192,194,195,239 s/noisy	5.9	6.2
03	<input checked="" type="checkbox"/> 110,138,161, 317, 355 daily tests. 14,15,23,24,56-60,72,168,189,318 s/noisy	5.9	6.5
04	<input checked="" type="checkbox"/> 364 fail daily tests. Ch 188 reverse polarity; 342 bad; 119,141 s/noisy	5.9	6.3
05	<input checked="" type="checkbox"/> 66,110,254,365,367 dailies 32,33,216,280,306 s/noisy 16,154 noisy 281 kicking	6.0	6.3
06	<input checked="" type="checkbox"/> 103,357 fail daily tests. 98 killed, 17,38,39,57,65 s/noisy 16 noisy	5.8	6.2
07	<input type="checkbox"/>	0.0	0.0
08	<input type="checkbox"/>	0.0	0.0

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. SOL-EOL lost comms. to S4C16. SP1297-1344 S3C3-6 running deep. Noise increase coincident with bird locations.

RECORDING

Line complete. Swell noise evident on records. Line started with one gun down due to air leak on runin to line. Tailend spread S3-4 wide during line.

Noise Figures

SOL	8 µB
EOL	9 µB
Max	9 µB
Avg	8 µB
>10µB	% 10

Misfires 1 2204 sync errors.

NDRs 2 2543 missed., 2835 bad external header

Parities

PROCESSING EDITS

None

SEQUENCE 134

Date (SOL): 24/03/00

1999/2000 Survey

LineName W00INV1414P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	18:20	01:02		
SP Recorded	4889	817		
SP Chargeable	4889	817		
SP To Process	4889	817		
Recorded Files	138	4210		
Tapes System A	31276	31285		
Water Depth	63.0	164.0	Maximum	Minimum
Feather Angle	10.0	-4.1	10.6	-4.8

	Direct	Force
Wind	SE	F 4
Sea	SE	F 1
Swell	SW	2.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. DI's occasionally erratic.
DI's 201,601, 805 disabled, erratic readings. SP 2391 gun PI 106 enabled.

Manifold Pressure

Min:	1840 psi
Mean:	1950 psi
Max:	1960 psi

STREAMER

Comments			Min	Max
01	<input checked="" type="checkbox"/>	10,34,65,149,176, 366 daily tests. 2,24,42,79,90,109,112,208,209 s/noisy	6.2	6.7
02	<input checked="" type="checkbox"/>	1,6,41,124 dailies 177 noisy 29,66,79,138,239,338 s/noisy	6.1	6.5
03	<input checked="" type="checkbox"/>	110,138,161,317,355 daily tests. 23,24,72,112,113,189,318s/noisy	6.2	6.4
04	<input checked="" type="checkbox"/>	364 fail daily tests. Ch 188 reverse polarity; 342 bad; 141,164 s/noisy	6.2	6.5
05	<input checked="" type="checkbox"/>	66,110,254,365,367 dailies 41,42,65,154,216,306 s/noisy 280,281 kicking	6.1	6.3
06	<input checked="" type="checkbox"/>	103,357 fail daily tests. 98 killed, 16,17,57,65,113,114 s/noisy	6.2	6.4
07	<input type="checkbox"/>		0.0	0.0
08	<input type="checkbox"/>		0.0	0.0

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. SOL-EOL lost comms. to S4C16.

RECORDING

Line complete. Swell noise evident on records.

Noise Figures

SOL	5 µB
EOL	8 µB
Max	8 µB
Avg	7 µB
>10µB	% 5

Misfires 1 3762 sync errors.

NDRs 4 3722,3370,970 trace header errors CRS, 3565 no external header.

Parities

PROCESSING EDITS

None

SEQUENCE 135

Date (SOL): 25/03/00

1999/2000 Survey

LineName W00INV1210P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	04:11	11:12		
SP Recorded	1001	5073		
SP Chargeable	1001	5073		
SP To Process	1001	5073		
Recorded Files	140	4212		
Tapes System A	31286	31295		
Water Depth	318.0	62.0	Maximum	Minimum
Feather Angle	7.9	1.5	7.9	-2.1

	Direct	Force
Wind	SE	F 3
Sea	SE	F 1
Swell	SW	2.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance.

Manifold Pressure	
Min:	1840 psi
Mean:	1948 psi
Max:	1918 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/> 10,34,65,149,176, 366 daily tests: 2,49,90,109,112,208,209 s/noisy	5.9	6.4
02	<input checked="" type="checkbox"/> 1,6,41,124 dailies 177 noisy 14,15,29,66,79,80 s/noisy	5.9	6.2
03	<input checked="" type="checkbox"/> 110,138,161,317,355 daily tests. 56-60,72,168,189,318 s/noisy	5.9	6.3
04	<input checked="" type="checkbox"/> 364 fail daily tests. Ch 188 reverse polarity; 342 bad; 119 s/noisy	5.9	6.3
05	<input checked="" type="checkbox"/> 66,110,254,365,367 dailies 10,16,17,48,154,216,306 s/noisy 280,281 kicking	5.6	6.3
06	<input checked="" type="checkbox"/> 103,357 fail daily tests. 98 killed, 16,17,57,65 s/noisy	5.9	6.2
07	<input type="checkbox"/>	0.0	
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. SOL-EOL lost comms. to S4C16. S5C18 shallow at times.

RECORDING		Noise Figures
	Line complete. Swell noise evident on records. S3-4 tail separation in this direction wide, some coverage lost.	SOL 5 µB
		EOL 6 µB
Misfires	7 1178,1180,1182,3762,3764,3766,4586 sync errors.	Max 6 µB
NDRs	1 4309 CRS error	Avg 5 µB
Parities		>10µB % 2

PROCESSING EDITS	
	None

SEQUENCE 136

Date (SOL): 25/03/00

1999/2000 Survey

LineName W00INV141411

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	13:38	20:32		
SP Recorded	4889	817		
SP Chargeable	4889	817		
SP To Process	4889	817		
Recorded Files	103	4174		
Tapes System A	31296	31305		
Water Depth	64.0	163.0	Maximum	Minimum
Feather Angle	-3.3	-0.8	12.0	-3.7

	Direct	Force
Wind	VAR	F 3
Sea	VAR	F 1
Swell	SW	2.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. Occ. gun DI's erratic d/t swell. SOL gun depths 201,608,805 disabled.

Manifold Pressure	
Min:	1820 psi
Mean:	1920 psi
Max:	1910 psi

STREAMER		Comments		
01	<input checked="" type="checkbox"/>	10,34,65,149,176, 366 daily tests: 2,109,112,208-210 s/noisy	6.2	6.6
02	<input checked="" type="checkbox"/>	1,6,41,124 dailies 177 noisy 29,66,79,290 s/noisy	6.1	6.4
03	<input checked="" type="checkbox"/>	110,138,161,317,355 daily tests. 23,24,72,93,112-114,138,189,306 s/noisy	6.1	6.6
04	<input checked="" type="checkbox"/>	364 dailies Ch 188 reverse polarity: 342 bad: 64,74,115,121,141,164 s/noisy	6.0	6.4
05	<input checked="" type="checkbox"/>	66,110,254,365,367 dailies 65,71,72,154,280,306 s/noisy 281 kicking	6.1	6.3
06	<input checked="" type="checkbox"/>	103,357 fail daily tests. 98 killed, 16,17,26,57,65,113,114 s/noisy 329 s/weak	6.1	6.3
07	<input type="checkbox"/>		0.0	0.0
08	<input type="checkbox"/>		0.0	0.0

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. SOL-EOL lost comms. to S4C16 SP2544-EOL. S5C18 shallow at times.

RECORDING			Noise Figures	
		Progressive infill line, acquired to correct steering offsets. Line complete. SOL-SP 4520 slight ship noise visible from head of streamers as car carrier passing 2nmile ahead. Swell noise easing during line. Large feathering starting to appear on lines coming into spring tides.	SOL	7 µB
Misfires	6	4053,3910,3488,3480,3478,2848 sync errors.	EOL	3 µB
NDRs	3	4463,4388 CRS trace error. 1738 NDR vessel speed.	Max	7 µB
Parities			Avg	5 µB
			>10µB	% 2

PROCESSING EDITS	
	None

SEQUENCE 137

Date (SOL): 25/03/00

1999/2000 Survey

LineName W00INV1198P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	23:25	05:16		
SP Recorded	1001	5073		
SP Chargeable	1001	5073		
SP To Process	1001	5073		
Recorded Files	139	4211		
Tapes System A	31306	31315		
Water Depth	330.0	62.0	Maximum	Minimum
Feather Angle	10.5	-6.2	10.5	-6.3

	Direct	Force
Wind	VAR	F 2
Sea	VAR	F 1
Swell	SW	2.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

 Comments: Acceptable array performance. Occ. gun DI's erratic d/t swell.
Gun depths 201,608,805 disabled.

Manifold Pressure

Min:	1850 psi
Mean:	1980 psi
Max:	1930 psi

STREAMER

Comments			Min	Max
01	<input checked="" type="checkbox"/>	10,34,65,149,176, 366 daily tests; 2,17,49,109,112 s/noisy	5.9	6.5
02	<input checked="" type="checkbox"/>	1,6,41,124 dailies 177 noisy 66,168 s/noisy	5.9	6.1
03	<input checked="" type="checkbox"/>	110,138,161,317,355 daily tests. 14,15,23,24,56-69,72,168,189 s/noisy	6.0	6.6
04	<input checked="" type="checkbox"/>	364 dailies Ch 188 reverse polarity; 342 bad; 119 o/noisy	6.0	6.4
05	<input checked="" type="checkbox"/>	66,110,254,365,367 dailies 16,154,216,280,306 s/noisy 281 kicking	6.0	6.2
06	<input checked="" type="checkbox"/>	103,357 fail daily tests. 98 killed, 16,17,26,57,65 s/noisy	5.7	6.2
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. SOL-EOL lost comms. to S4C16.

RECORDING

Line complete, random swell breakout evident. Tailend spread between S3-4 wide again, coverage loss noted.

Noise Figures

Misfires	0	SOL	3 µB
NDRs		EOL	6 µB
Parities		Max	6 µB
		Avg	5 µB
		>10µB	% 3

PROCESSING EDITS

None

SEQUENCE 138

Date (SOL): 26/03/00

1999/2000 Survey

LineName W00INV1402P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	07:46	14:48		
SP Recorded	4889	817		
SP Chargeable	4889	817		
SP To Process	4889	817		
Recorded Files	140	4211		
Tapes System A	31316	31325		
Water Depth	62.0	170.0	Maximum	Minimum
Feather Angle	5.6	-0.7	5.6	-3.6

	Direct	Force
Wind	VAR	F 2
Sea	VAR	F 1
Swell	SW	2.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. Occ. gun DI's erratic d/t swell. Gun depths 201,608,805 disabled.

Manifold Pressure	
Min:	1830 psi
Mean:	1908 psi
Max:	1970 psi

STREAMER	Comments	Min	Max
01	<input checked="" type="checkbox"/> 10,34,65,149,176, 366 daily tests; 2,109,112, 208,209 s/noisy	6.0	6.4
02	<input checked="" type="checkbox"/> 1,6,41,124 dailies 177 noisy 29,66,138 s/noisy	5.9	6.2
03	<input checked="" type="checkbox"/> 110,138,161,317,355 daily tests. 72,112-114,189 s/noisy	5.9	6.4
04	<input checked="" type="checkbox"/> 364 dailies Ch 188 reverse polarity; 342 bad; 121,141,164 o/noisy	5.9	6.3
05	<input checked="" type="checkbox"/> 66,110,254,365,367 dailies 65,154,280,306 s/noisy 281 kicking	5.6	6.1
06	<input checked="" type="checkbox"/> 103,357 fail daily tests. 98 killed, 15,16,17,26,57,65,113,114 s/noisy	5.9	6.1
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. SOL-EOL lost comms. to S4C16. SP 4785 channel 281 on streamer 5 erased.

RECORDING		Noise Figures
	Line complete, random swell breakout evident. Refueling on line.	SOL 5 µB
		EOL 4 µB
Misfires	3 2318,1748,1656 gun sync errors.	Max 5 µB
NDRs	1 4786 NDR	Avg 5 µB
Parities		>10µB % 2

PROCESSING EDITS	
	None

SEQUENCE 139

Date (SOL): 26/03/00

1999/2000 Survey

LineName W00INV119811

Line Heading 009.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	17:20	00:09		
SP Recorded	1001	5073		
SP Chargeable	1001	5073		
SP To Process	1001	5073		
Recorded Files	140	4212		
Tapes System A	31326	31335		
Water Depth	323.0	63.0	Maximum	Minimum
Feather Angle	3.3	2.3	-4.9	3.6

	Direct	Force
Wind	VAR	F 2
Sea	VAR	F 1
Swell	SW	2.5 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

 Comments: Acceptable array performance. Occ. gun DI's erratic d/t swell.
Gun depths 201,608,805 disabled.

Manifold Pressure

Min:	1840 psi
Mean:	1900 psi
Max:	1920 psi

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 10,34,65,149,176, 366 daily tests: 2,17,49,90,109,112 s/noisy	6.1	6.4
02	<input checked="" type="checkbox"/> 1,6,41,124 dailies 177 noisy 14,15,29,79,80,168,239 s/noisy	6.1	6.2
03	<input checked="" type="checkbox"/> 110,138,161,317,355 daily tests. 14,15,23,24,56-60,72,168,189,318 s/noisy	6.1	6.4
04	<input checked="" type="checkbox"/> 364 dailies Ch 188 reverse polarity: 342 bad; 130,141,119,120 o/noisy	6.1	6.3
05	<input checked="" type="checkbox"/> 66,110,254,365,367 dailies 10,16,17,154,216,280,306 s/noisy 281 kicking	5.9	6.3
06	<input checked="" type="checkbox"/> 103,357 fail daily tests. 98 killed, 16,17,26,57,65 s/noisy	5.9	6.2
07	<input type="checkbox"/>	0.0	0.0
08	<input type="checkbox"/>	0.0	0.0

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. SOL-EOL lost comms. to S4C16. S3C2-4 fluctuating bird depths.

RECORDING

Line complete, acquired as progressive infill to correct steering offsets. Swell burst evident.

Noise Figures

Misfires	<input type="checkbox"/>	Max	6 µB
NDRs	<input type="checkbox"/>	Avg	5 µB
Parities	<input type="checkbox"/>	>10µB	% 3

PROCESSING EDITS

None

SEQUENCE 140

Date (SOL): 27/03/00

1999/2000 Survey

LineName W00INV1390P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	02:36	09:33		
SP Recorded	4889	817		
SP Chargeable	4889	817		
SP To Process	4889	817		
Recorded Files	140	4212		
Tapes System A	31336	31345		
Water Depth	63.0	174.0	Maximum	Minimum
Feather Angle	-0.2	-6.8	7.4	-6.8

	Direct	Force
Wind	VAR	F 2
Sea	VAR	F 1
Swell	SW	3.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

 Comments: Acceptable array performance. Occ. gun DI's erratic d/t swell.
Gun depths 201,608,805 disabled.

Manifold Pressure

Min:	0 psi
Mean:	1938 psi
Max:	1967 psi

STREAMER

Comments			
01	<input checked="" type="checkbox"/>	10,34,65,149,176, 366 daily tests: 2,68,41,42,109,112,208-210 s/noisy	5.9 6.6
02	<input checked="" type="checkbox"/>	1,6,41,124 dailies 177 noisy 29,66,79,89,90,138 s/noisy	5.8 6.1
03	<input checked="" type="checkbox"/>	33,110,138,161,317,355 daily tests. 23,24,72,90,93,112-114, 189,318 s/noisy	6.0 6.4
04	<input checked="" type="checkbox"/>	364 dailies Ch 188 reversed 342 bad; 64,68,87-89,114,115,130,141,164 o/noisy	5.8 6.3
05	<input checked="" type="checkbox"/>	66,110,254,365,367 dailies 65,71,72,216,280 s/noisy 154 noisy 281 kicking	5.4 6.0
06	<input checked="" type="checkbox"/>	103,357 fail daily tests. 98 killed, 15,17,26,57,65,113,114 s/noisy 16 noisy	5.9 6.2
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. SOL-EOL lost comms. to S4C16.

RECORDING

Line complete. Swell burst evident. External screw noise noted, from passing ship astern, SP 4784-4500 approx. 10-20 µbars. Subject to processing checks. Screw noise evident on brute stack between SP 4410-4500, and 3949-4170.

Noise Figures

Misfires	0	SOL	4 µB
NDRs		EOL	4 µB
Parities		Max	4 µB
		Avg	4 µB
		>10µB	% 3

PROCESSING EDITS

None

SEQUENCE 141

Date (SOL): 27/03/00

1999/2000 Survey

LineName W00INV1186P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	12:14	19:02		
SP Recorded	1001	5073		
SP Chargeable	1001	5073		
SP To Process	1001	5073		
Recorded Files	135	4207		
Tapes System A	31346	31355		
Water Depth	375.0	62.0	Maximum	Minimum
Feather Angle	5.6	-5.0	5.7	-6.3

	Direct	Force
Wind	SW	F 4
Sea	SW	F 2
Swell	SW	3.0 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. Occ. gun DI's erratic d/t swell.
Gun depths 201,608,805 disabled.
Guns 303 & 304 disabled on run-in to line. vol=2090 in³

Manifold Pressure	
Min:	1850 psi
Mean:	1970 psi
Max:	1940 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/> 10,34,65,149,176, 366 daily tests; 2,17,68,90,109,112 s/noisy	6.0	6.6
02	<input checked="" type="checkbox"/> 1,6,41,124 dailies 177 noisy 14,15,29,66,79,90,168,239 s/noisy	6.0	6.1
03	<input checked="" type="checkbox"/> 33,110,138,161,317,355 daily tests. 14,15,23,24,56-59,72,168,189,318 s/noisy	5.9	6.7
04	<input checked="" type="checkbox"/> 364 dailies Ch 188 reversed 342 bad; 2,114,119,141,164 o/noisy	5.9	6.5
05	<input checked="" type="checkbox"/> 66,110,254,365,367 dailies 16,17,280,172,216,306 s/noisy 154 noisy 281 kicking	5.9	6.0
06	<input checked="" type="checkbox"/> 103,357 fail daily tests. 98 killed, 16,17,26,57,65,113,114 s/noisy	5.9	6.3
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres. SOL-EOL lost comms. to S4C16.

RECORDING	Line complete. Swell burst evident.	Noise Figures	
		SOL	4 µB
		EOL	4 µB
Misfires	<input type="checkbox"/>	Max	4 µB
NDRs	<input type="checkbox"/>	Avg	4 µB
Parities	<input type="checkbox"/>	> 10µB	% 3

PROCESSING EDITS	None

SEQUENCE 142

Date (SOL): 01/04/00

1999/2000 Survey

LineName W00INV1342P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	00:48	07:26		
SP Recorded	1001	5073		
SP Chargeable	1001	5073		
SP To Process	1001	5073		
Recorded Files	125	4196		
Tapes System A	31357	31366		
Water Depth	160.0	60.0	Maximum	Minimum
Feather Angle	-0.7	-0.3	-0.7	-0.3

	Direct	Force
Wind	WSW	F 5
Sea	S	F 4
Swell	S	3.3 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. Occ. gun DI's erratic d/t swell. Pressure slightly low at the SOL

Manifold Pressure	
Min:	1940 psi
Mean:	1940 psi
Max:	1960 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	34, 366 fail daily tests. 1, 208,289 noisy	6.1	7.5
02	<input checked="" type="checkbox"/>	124, 128 fail daily tests. 79, 168 occasional noise	5.9	8.0
03	<input checked="" type="checkbox"/>	33, 161, 241 fail daily tests.	7.0	8.0
04	<input checked="" type="checkbox"/>	364 failed daily tests Ch 188 reversed	5.4	8.0
05	<input checked="" type="checkbox"/>	68, 110, 254, 365 fail daily testss	5.6	7.5
06	<input checked="" type="checkbox"/>	70, 357 fail daily tests. 57, 65 slight noise	5.2	7.5
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres.

RECORDING	Noise Figures	
Line complete. Strong swell noise evident and poor cable depth control. Woodside advised and have accepted the data and advised to continue production.	SOL	30 µB
	EOL	20 µB
Misfires 0	Max	37 µB
NDRs 1 Missed SP 2816	Avg	0 µB
Parities 1 1129 data sybch error	>10µB	

PROCESSING EDITS	
	None

SEQUENCE 143

Date (SOL): 01/04/00

1999/2000 Survey

LineName W00INV1378P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather																		
Recording Time	11:09	17:59	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>WSW</td> <td>F 5</td> </tr> <tr> <td>Sea</td> <td>S</td> <td>F 4</td> </tr> <tr> <td>Swell</td> <td>S</td> <td>3.3 m</td> </tr> </table>			Direct	Force	Wind	WSW	F 5	Sea	S	F 4	Swell	S	3.3 m					
	Direct	Force																			
Wind	WSW	F 5																			
Sea	S	F 4																			
Swell	S	3.3 m																			
SP Recorded	4889	817																			
SP Chargeable	4889	817																			
SP To Process	4889	817	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Recorded Files</td> <td>138</td> <td>1208</td> </tr> <tr> <td>Tapes System A</td> <td>31367</td> <td>31379</td> </tr> <tr> <td>Water Depth</td> <td>63.0</td> <td>192.0</td> </tr> <tr> <td>Feather Angle</td> <td>3.4</td> <td>-2.0</td> <td>3.4</td> <td>0.0</td> </tr> </table>			Maximum	Minimum	Recorded Files	138	1208	Tapes System A	31367	31379	Water Depth	63.0	192.0	Feather Angle	3.4	-2.0	3.4	0.0
	Maximum	Minimum																			
Recorded Files	138	1208																			
Tapes System A	31367	31379																			
Water Depth	63.0	192.0																			
Feather Angle	3.4	-2.0	3.4	0.0																	

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE		
01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Occ. gun DI's erratic d/t swell. Numerous gun synch errors logged (180) - these are suspect and should be viewed prior to acceptance for final processing. Problems were noted on line with the SSS and gun control software. All edits on the original Obs Line Logs should be carefully checked before editing.

Manifold Pressure	
Min:	1900 psi
Mean:	1900 psi
Max:	1900 psi

STREAMER	Comments		
01	<input checked="" type="checkbox"/>	34, 366 fail daily tests. 109, 112 slightly noisy	6.1 7.5
02	<input checked="" type="checkbox"/>	55, 124, 128, 146, 152 fail daily tests. 207 slightly noisy	5.9 8.0
03	<input checked="" type="checkbox"/>	33, 161, 241 fail daily tests. 14, 142, 254, 355 slightly noisy	3.0 8.0
04	<input checked="" type="checkbox"/>	226, 230, 232, 234, 236, 238, 364 failed daily tests. 64 slightly noisy	5.4 8.0
05	<input checked="" type="checkbox"/>	68, 110, 254, 365 fail daily tests	5.6 7.5
06	<input checked="" type="checkbox"/>	70, 357 fail daily tests. 57, 65 slight noise	5.2 7.5
07	<input checked="" type="checkbox"/>		
08	<input checked="" type="checkbox"/>		

Traces:

- Weak: Refer to above comments
- Killed: Refer to above comments
- Noisy: Refer to above comments

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres.

RECORDING	Noise Figures	
Line complete. Strong swell noise evident and poor cable depth control. Woodside advised and have accepted the data and advised to continue production. Cable 5 out of depth range from SP 4360. Cables 3 and 5 depths fluctuating throughout the entire line. major editing will be required.	SOL	17 µB
	EOL	11 µB
Misfires: 180 Refer to Obs Line Logs - all edits shots should be checked prior to editing from data.	Max	20 µB
NDRs:	Avg	13 µB
Parities:	>10µB	

PROCESSING EDITS Do not process tapes 31377-31379 used for tests.

SEQUENCE 144

Date (SOL): 01/04/00

1999/2000 Survey

LineName W00INV1354P1

Line Heading 009.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather																		
Recording Time	21:52	04:36	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>WSW</td> <td>F 5</td> </tr> <tr> <td>Sea</td> <td>S</td> <td>F 4</td> </tr> <tr> <td>Swell</td> <td>S</td> <td>2.8 m</td> </tr> </table>			Direct	Force	Wind	WSW	F 5	Sea	S	F 4	Swell	S	2.8 m					
	Direct	Force																			
Wind	WSW	F 5																			
Sea	S	F 4																			
Swell	S	2.8 m																			
SP Recorded	1002	5073																			
SP Chargeable	1002	5073																			
SP To Process	1002	5073	<table border="1"> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Recorded Files</td> <td>133</td> <td>4203</td> </tr> <tr> <td>Tapes System A</td> <td>31380</td> <td>31391</td> </tr> <tr> <td>Water Depth</td> <td>152.0</td> <td>64.0</td> </tr> <tr> <td>Feather Angle</td> <td>2.0</td> <td>1.2</td> <td>2.0</td> <td>1.2</td> </tr> </table>			Maximum	Minimum	Recorded Files	133	4203	Tapes System A	31380	31391	Water Depth	152.0	64.0	Feather Angle	2.0	1.2	2.0	1.2
	Maximum	Minimum																			
Recorded Files	133	4203																			
Tapes System A	31380	31391																			
Water Depth	152.0	64.0																			
Feather Angle	2.0	1.2	2.0	1.2																	

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE	01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
	02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots
Comments:	Acceptable array performance. Occ. gun DI's erratic d/t swell. Pressure slightly low at FSP.		

Manifold Pressure	
Min:	192 psi
Mean:	1950 psi
Max:	1950 psi

STREAMER	Comments			
01	<input checked="" type="checkbox"/>	34, 366 fail daily tests. 14 spiking, 41 occasional noise	6.1	7.5
02	<input checked="" type="checkbox"/>	124, 128 fail daily tests. 79, 169 occasional noise	5.9	8.0
03	<input checked="" type="checkbox"/>	33, 161, 241 fail daily tests. 14, 142, 143 noisy, 355 weak	7.0	8.0
04	<input checked="" type="checkbox"/>	364 failed daily tests Ch 188 reversed	5.4	8.0
05	<input checked="" type="checkbox"/>	68, 110, 254, 365 fail daily tests. 70 occasional spike	5.6	7.5
06	<input checked="" type="checkbox"/>	70, 357 fail daily tests. 57, 65 slight noise. 16, 57 slight noise	5.2	7.5
07	<input type="checkbox"/>			
08	<input type="checkbox"/>			
Traces:			Min	Max
- Weak	Refer to above comments		Depth	
- Killed	Refer to above comments			
- Noisy	Refer to above comments			
Comments:	Automatic depth editing range below 4.5 metres and above 7.5 metres.			

RECORDING	Line complete. Moderate swell noise evident and poor cable depth control. Woodside advised and have accepted the data and advised to continue production.	Noise Figures
		SOL 12 µB
		EOL 9 µB
Misfires 4	2292, 2312, 2468, 2470 synch errors	Max 20 µB
NDRs 8	2332-2334, 3304, 3686, 4035, 4587, 4613 lost shots	Avg 0 µB
Parities 0		>10µB

PROCESSING EDITS Reel 31379 - no data nt to be processed.

SEQUENCE 145

Date (SOL): 02/04/00

1999/2000 Survey

LineName W00INV1366P1

Line Heading 189.0 °

Investigator 3D

Line Type: Prime

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	08:32	15:12		
SP Recorded	4889	817		
SP Chargeable	4889	817		
SP To Process	4889	817		
Recorded Files	149	4219		
Tapes System A	31392	31401		
Water Depth	62.0	180.0	Maximum	Minimum
Feather Angle	0.2	-0.8	180.0	62.0
			-0.8	0.0

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments: Acceptable array performance. Occ. gun DI's erratic d/t swell.
 SP 4598 gun 701, 702 array 2 disabled.
 SP 818 gun 701, 702 array 2 enabled.
 Random synch errors logged.

Manifold Pressure

Min:	1950 psi
Mean:	1960 psi
Max:	1955 psi

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 34, 366 fail daily tests. 41, 208 noisy	6.1	7.5
02	<input checked="" type="checkbox"/> 124, 128 fail daily tests. 169 occasional noise	5.9	8.0
03	<input checked="" type="checkbox"/> 33, 142 fail daily tests. 14, 169, 355 slightly noisy, 161 occasional spikes	7.0	8.0
04	<input checked="" type="checkbox"/> 364 failed daily tests 188 reversed polarity. 164, 186 slightly noisy	5.4	8.0
05	<input checked="" type="checkbox"/> 68, 365, 367 fail daily tests. 210 occasional noise	5.6	7.5
06	<input checked="" type="checkbox"/> 51, 153, 357 fail daily tests. 16, 57, 65 slight noise	5.2	7.5
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres.

RECORDING

Line complete. Reducing swell noise evident and poor cable depth control. Woodside advised and have accepted the data and advised to continue production.

Noise Figures

Misfires 18 4606, 4604, 4602, 4600, 4362, 2634, 2632, 1968, 1960, 1958, 1954, 1952, 1950, 1948, 1944, 1014, 100

SOL	5 µB
EOL	7 µB
Max	8 µB
Avg	0 µB
>10µB	

NDRs
Parities
PROCESSING EDITS

SEQUENCE 146

Date (SOL): 02/04/00

1999/2000 Survey

LineName W00INV136611

Line Heading 009.0 °

Investigator 3D

Line Type: Infill

Line Status: Completed

3D MSS

Line Information

	@ First SP	@ Last SP	Weather																			
Recording Time	18:46	01:41	<table border="1"> <tr> <td></td> <td>Direct</td> <td>Force</td> </tr> <tr> <td>Wind</td> <td>WSW</td> <td>F 3</td> </tr> <tr> <td>Sea</td> <td>S</td> <td>F 4</td> </tr> <tr> <td>Swell</td> <td>S</td> <td>2.6 m</td> </tr> <tr> <td></td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td></td> <td>160.0</td> <td>60.0</td> </tr> </table>			Direct	Force	Wind	WSW	F 3	Sea	S	F 4	Swell	S	2.6 m		Maximum	Minimum		160.0	60.0
	Direct	Force																				
Wind	WSW	F 3																				
Sea	S	F 4																				
Swell	S	2.6 m																				
	Maximum	Minimum																				
	160.0	60.0																				
SP Recorded	1001	5073																				
SP Chargeable	1001	5073																				
SP To Process	4889	817																				
Recorded Files	180	4201																				
Tapes System A	31402	31412																				
Water Depth	160.0	60.0																				
Feather Angle	-0.7	-0.3																				

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Manifold Pressure

Min:	1930 psi
Mean:	1930 psi
Max:	1950 psi

Comments: Poor array performance. Occ. gun DI's erratic d/t swell. 108 timing errors logged. Refer to original Obs Logs.
SP 1194 array 2, guns 701 and 702 disabled

STREAMER

		Comments			
01	<input checked="" type="checkbox"/>	34, 366 fail daily tests. 14, 42, 109 noisy	6.1	7.5	
02	<input checked="" type="checkbox"/>	54, 124, 128 fail daily tests. 168-170 slightly noisy, 66 occasional spike	5.9	8.0	
03	<input checked="" type="checkbox"/>	33, 161, 142 fail daily tests. 14, 14, 72, 355 slightly noisy	7.0	8.0	
04	<input checked="" type="checkbox"/>	364 failed daily tests Ch 188 reversed. 164, 186 slightly noisy	5.4	8.0	
05	<input checked="" type="checkbox"/>	8, 365, 367 fail daily tests. 70 slightly noisy	5.6	7.5	
06	<input checked="" type="checkbox"/>	70, 357 fail daily tests. 57, 65 slight noise	5.2	7.5	
07	<input type="checkbox"/>				
08	<input type="checkbox"/>				

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments: Automatic depth editing range below 4.5 metres and above 7.5 metres.

RECORDING

Line complete. Random swell noise evident and slightly erratic cable depth control. Woodside advised and have accepted the data and advised to continue production.
Numerous gun timing errors - line continued to completion due to survey time restraints.
Woodside in Prth, Henri Dupuy advised.

Noise Figures

SOL	5 µB
EOL	5 µB
Max	7 µB
Avg	0 µB
> 10µB	

Misfires 102 Refer to Original Obs Line Logs for array sunch timing errors logged.

NDRs 2 SP 1030. 1163

Parities

PROCESSING EDITS

SEQUENCE 147

Date (SOL): 03/04/00

1999/2000 Survey

LineName W00INV134211

Line Heading 189.0 °

Investigator 3D

Line Type: Infill

Line Status: Incomplete

3D MSS

Line Information

	@ First SP	@ Last SP	Weather	
Recording Time	05:30	10:42		
SP Recorded	4889	1770		
SP Chargeable	4889	1770		
SP To Process	4889	1770		
Recorded Files	131	3259		
Tapes System A	31413	31420		
Water Depth	63.0	107.0	Maximum	Minimum
Feather Angle	-2.6	5.9	107.0	63.0
			5.9	0.0

	Direct	Force
Wind	WSW	F 3
Sea	S	F 4
Swell	S	2.6 m

Near Offsets	
Gun to Streamer	Offset (metres)
G1S01	0.0
G1S02	0.0
G1S03	0.0
G1S04	0.0
G1S05	0.0
G1S06	0.0
G1S07	0.0
G1S08	0.0
G2S01	0.0
G2S02	0.0
G2S03	0.0
G2S04	0.0
G2S05	0.0
G2S06	0.0
G2S07	0.0
G2S08	0.0

SOURCE

01	<input checked="" type="checkbox"/>	Starboard Guns firing on Odd Shots
02	<input checked="" type="checkbox"/>	Port Guns firing on Even Shots

Comments:

Poor array performance. Occ. gun DI's erratic d/t swell. 20 timing errors logged. Refer to original Obs Logs. Gun DI 308 disabled before start of line due to erratic.
 Gun 805 disabled, SP 4582 - array 2 volume 2135 cu. in.
 Gun 206 disabled, SP 1969 array 1 volume 2170 cu. in.

Manifold Pressure

Min:	1945 psi
Mean:	1950 psi
Max:	1945 psi

STREAMER

	Comments		
01	<input checked="" type="checkbox"/> 34, 366 fail daily tests. 9, 41 slightly noisy	6.1	7.5
02	<input checked="" type="checkbox"/> 52, 124, 128 fail daily tests. 168-170 slightly noisy, 66 occasional spike	5.9	8.0
03	<input checked="" type="checkbox"/> 33, 161, 142 fail daily tests. 14, 14, 72, 355 slightly noisy	7.0	8.0
04	<input checked="" type="checkbox"/> 364 failed daily tests Ch 188 reversed. 164, 186 slightly noisy	5.4	8.0
05	<input checked="" type="checkbox"/> 68, 70, 365, 367 fail daily tests. 70 slightly noisy	5.6	7.5
06	<input checked="" type="checkbox"/> 51, 70, 72, 78, 357 fail daily tests. 57, 65 slight noise	5.2	7.5
07	<input type="checkbox"/>		
08	<input type="checkbox"/>		

Traces:

- Weak	Refer to above comments	Min	Max
- Killed	Refer to above comments	Depth	
- Noisy	Refer to above comments		

Comments:

Automatic depth editing range below 4.5 metres and above 7.5 metres.

RECORDING

Line complete. Random swell noise evident and slightly erratic cable depth control. Woodside advised and have accepted the data and advised to continue production.
 Numerous gun timing errors - line continued to completion due to survey time restraints.
 Woodside in Prth, Henri Dupuy advised.

Noise Figures

Misfires 20

Refer to original Obs Line Logs

SOL 3 µB

NDRs 3

4646, 3732, 2919 missed shots.

EOL 4 µB

Parities

Max 5 µB

Avg 0 µB

>10µB

PROCESSING EDITS