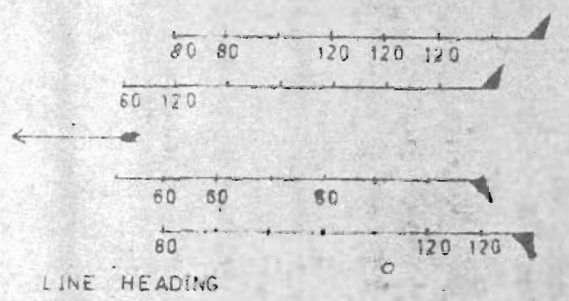
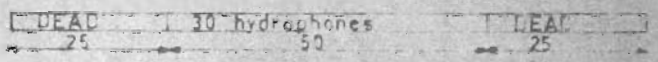
MARINE SURVEY GENERAL INFORMATION

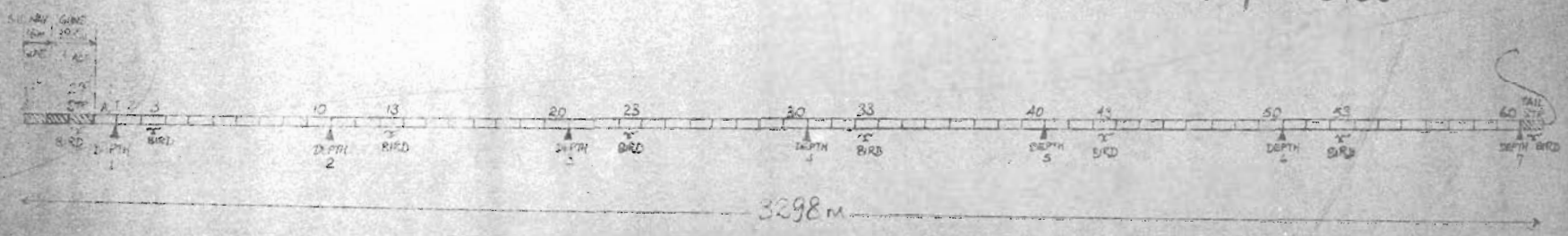
AREA CARIBBEAN
DATE 27-3-74
LINE C2124
FIRST S.P. 10
LAST S.P. 7558
DETECTOR INTERVAL 50 M.
CABLE LENGTH 3298 M
TYPE OF CABLE S. ENG.
Nº OF STATIONS 60
WATERBREAKS 2 TRACES
60 CHANNELS
SHOT INTERVAL 50 M.
DEPTH OF SOURCE 7 - 9 M.
AV. AIR PRESSURE 140 ATM.
AIR GUN ARRAY 1200 INCH^3



RECORDING BOAT M.V. PETREL
POSITIONING SAT. NAV.
SONAR DOPPLER
INSTRUMENTATION DFS III MAGNETOMETR VAX
GRAVIMETER
SAMPLING INTERVAL 4 m.sec
HORIZONTAL STACK 3000 %
FILTER SETTING 8/18/62/72
TRIP MODE AUTO + DELAY
RECORD LENGTH ON TAPE 7 sec.
SHOOTING MODE TIME CYCLE
GAIN RELEASE RATE FAST
DELAY POP & T.BREAK 36 m/sec.



TAPES Nºs 6019 – 6100



(I)

M. V. PETREL

R. T. S. P. 201 DATA PROCESSING

OPERATOR P.LUIS / MAMON / KHOU EQUIPMENT RTSP 201 / PDP8S

Nº C. V. G.s. 31 ON/OFF LINE PROC. DOWN

DATA LENGTH 6 scs. dX 100 m SHOT OFFSET 250 m

LINE Nº 2124

DATE 28.3.74

AREA CARIBBEAN

STACK 24 FOLD.

INTENSITY 0.25 μA

Shot Nº	Reel Nº	Remark	Shot Nº	Reel Nº	Remark
10	~~Sec~~ 6019	START	1584	6036	TAPE CHANGE.
96	6020	TAPE CHANGE	1618	"	DELAY → 4 SEC.
189	6021	" "	1658	"	DELAY → 3 sec.
212	"	DELAY → 4 SECS.	1677	6037	TAPE CHANGE.
282	6022	TAPE CHANGE	1722	"	DELAY → 2 SEC.
304	"	DELAY → 3 SECS.	1770	6038	Tape change
375	6023	TAPE CHANGE	1795	—"—	Delay change 1 sec
467	6024	Delay change 2	1863	6039	Tape change
555	—"—	Delay change 1	1947	—"—	Delay change 0 sec
561	6025	Tape change	1956	6040	Tape change
654	6026	—"—	2049	6041	—"—
747	6027	—"—	2143	6042	—"—
786	—"—	Delay 0 sec	2236	6043	Stopped
822	—"—	Delay 1 sec	2143	6042	Restarted
840	6028	Tape change	2236	6043	TAPE CHANGE
933	6029	" "	2329	6044	" "
1026	6030	" "	2422	6045	" "
1082	"	DELAY → 0 SEC. I.B. 700 ms. RATE 100 ms.	2515	6046	" "
1119	6031	TAPE CHANGE.	2608	6047	" "
1180	"	DELAY → 1 SEC.	2701	6048	" "
1212	6032	TAPE CHANGE.	2796	6049	—"—
1219	"	DELAY → 2 SEC.	2889	6050	—"—
1253	"	DELAY → 3 SEC.	2982	6051	—"—
1286	"	DELAY → 4 SEC.	3075	6052	—"—
1305	6033	TAPE CHANGE.	3169	6053	—"—
1311	"	DELAY → 5 SEC.	3181	—"—	Delay change 1 sec
1398	6034	TAPE CHANGE.	3262	6054	Tape change
1491	6035	" "			

(11)

M. V. PETREL

R. T. S. P. 201 DATA PROCESSING

OPERATOR Mahon/Pluis/Khoo EQUIPMENT RTSP 201/PDP8/8

Nº C. V. G.s 31 /OFF LINE PROC. DOWN

DATA LENGTH 6 scs. dX 100 m SHOT OFFSET 250 m

LINE Nº 2124

DATE 29-3-74

AREA CARIBBEAN

STACK 24 FOLD

INTENSITY 0.25 μA

Shot Nº	Reel Nº	Remark	Shot Nº	Reel Nº	Remark
3355	6055	Tape change	4904	6071	DELAY → 7 SECS.
3376	6055	Delay change 2 sec	4936	6072	TAPE CHANGE
3448	6056	Tape change	5029	6073	" "
3541	6057	— " —	5037	6073	DELAY → 8 SECS.
3603	— " —	Delay change 3 sec	5122	6074	TAPE CHANGE
3634	6058	Tape change	5215	6075	" "
3727	6059	— " —	5308	6076	" "
3820	6060	— " —	5314	"	FILM SHIFT 9 SECS DELAY → 9 SECS.
3913	6061	Delay change 4 sec	5401	6077	TAPE CHANGE
— " —	— " —	Tape change	5494	6078	" "
4006	6062	" "	5587	6079	" "
4081	"	DELAY → 5 SEC.	5680	6080	" "
4099	6063	TAPE CHANGE.	5773	6081	" "
4180	"	DELAY → 6 SEC.	5835	"	DELAY → 9.9 SECS.
4192	6064	TAPE CHANGE.	5866	6082	TAPE CHANGE
4263	6064	DELAY → 7 SEC.	5959	6083	" "
4285	6065	TAPE CHANGE.	5970	"	DELAY → 9.0 SECS.
4324	"	DELAY → 8 SEC.	6052	6084	TAPE CHANGE.
4378	6066	TAPE CHANGE.	6145	6085	" "
4401	"	DELAY → 9 SEC.	6238	6086	" "
4471	6067	TAPE CHANGE.	6331	6087	— " —
4483	"	DELAY → 8 SEC.	6395	— " —	Delay → 3 sec
4564	6068	TAPE CHANGE.	6424	6088	Tape change
4630	6068	DELAY → 7 SEC.	6517	6089	— " —
4656	6069	TAPE CHANGE.	6599	— " —	Delay → 7 sec
4750	6070	" "	6610	6090	Tape change
4760	"	DELAY → 6 SEC.	6703	6091	— " —
4843	6071	TAPE CHANGE.			

(III)

M. V. PETREL

R. T. S. P. 201 DATA PROCESSING

OPERATOR Mahon/Pluis/Khoo EQUIPMENT RTSP 201/PDP 8/8

Nº C. V. G.s ..... ON/OFF LINE PROC. DOWN

DATA LENGTH 6 scs. dX 100 m SHOT OFFSET 250 m

LINE Nº 2124

DATE 29-3-74

AREA CARIBBEAN

STACK 24 FOLD

INTENSITY 0,25 μA

Shot Nº	Reel Nº	Remark	Shot Nº	Reel Nº	Remark
6796	6092	Tape change			
6889	6093	—"—			
6982	6094	—"—			
7075	6095	—"—			
7135	—"—	Delay change 6 sec			
7168	6096	Tape change			
7261	6097	—"—			
7303	—"—	Delay change 7 sec			
7316	—"—	Stopped process.			
7280	—"—	Restarted —"—			
7303	—"—	Delay change			
7354	6098	Tape change			
7427	—"—	Delay change 6 sec			
7447	6099	TAPE CHANGE.			
7540	6100	" "			
7558	6100	END OF LINE.			

Marine Survey Unit PETREL #3
Date, Month, Year 27 MARCH 1974
Area: CARIBBEAN
Line: C2124
Observer: KELLY/HOLDEN/LIM

Weather: FINE
Wind: ENE 4
Sea: SLIGHT
Swell: 2 METRE
Stack: ~~1200% 2400% 300%~~ 2% W
Lead in: 348° m
Streamer: ~~1x24, 2x24~~ 1X66

348° N, E, S

Airguns Total Vol: 1200 Cu Inch
Sample Period: 1, 2, (4) 8, Msec
Filter Setting: (8) 12, 18, 27, Hz. Slope: Out (18) 36 dB/Oct
Initial Gain: 54/54 — 152/68 dB
Final Gain: 78 dB
Release Rate: (Fast) Medium, Slow
Record Length: 7 Sec
Sheet 55 of Sheets

RECORD NO.	TIME GMT	TAPE REEL	TAPE DELAY	VAX DELAY	WATER M	DEPTH SEC	STREAMER DEPTH IN METRES 1	2	3	4	5	6	~~WATER SPEED~~ 7	SHIPS HEADING	TRIP DELAY	REMARKS
01		6019														8μV 36Hz CALIBRATION
02																CABLE NOISE
03→06																TEST POPS
10	18.12	6019	5	5		559	18	19	17	16	18	20	21		6,8,9	FIRST POP TC→15.6sec
96	18.35	6020	5	5		548	18	19	19	16	19	21	21		8,9	TAPE CHANGE
189	18.58	6021	5	5		542	19	20	20	16	19	21	22		7,9	— " — FIRST REC OUT OF SY
212	19.05	6021	4	4		526	19	21	20	16	19	21	21		7,9,10	DELAY CHANGE
282	19.22	6022	4	4		441	19	20	20	16	19	21	21		7,8,9	TAPE CHANGE
304	19.28	6022	3	3		429	19	20	20	16	19	21	22		6,7,9,10	DELAY CHANGE
375	19.47	6023	3	3		405	19	20	20	16	19	21	21		5,6,7,8,10	TAPE CHANGE
468	20.11	6024	2	2		327	19	20	20	15	20	20	21		6,8,9,10	" " & DELAY CHAN
526	20.26	"	"	"		254	19	"	"	"	"	"	"		6,8,10	TC : 14.3s
555	20.33	"	1	1		227	18	17	17	15	20	20	21		11	DELAY CHANGE
653 561	20.34	6025	"	"		222	"	"	"	"	"	"	"		11	TAPE CHANGE
655	20.56	6026	"	"		181	19	20	20	16	20	20	21		6,9,10	" "
740	21.16	"	"	"		149	18	19	20	16	19	20	21		6,8,10	TC 13.9s.
747	21.18	6027	"	"		142	"	"	"	"	"	"	"		"	TAPE CHANGE
786	21.28	"	0	0		128	"	"	"	"	"	"	"		7,10	DELAY CHANGE
822	21.37	"	1	1		143	19	20	20	16	20	20	21		6,7,10	" "
840	21.40	6028	"	"		149	"	"	"	"	"	"	"		8,10	TAPE CHANGE 1st record Sync.
933	22.01	6029	"	"		152	19	20	20	15	20	20	21		6,8,10	" " "
1026	22.24	6030	"	"		143	19	20	21	16	20	20	21		6,8,10	" "
1082	22.36	"	"	"		123	19	20	20	16	20	20	21		8,11	DELAY CHANGE
1118	22.44	6031	"	"		112	20	20	20	16	20	20	20		7,11	TAPE CHANGE
1180	23.01	"	1	1		145	"	"	"	"	"	"	"		6,9	DELAY CHANGE

Marine Survey Unit: PETREL
Date, Month, Year: 27 / MAR / 74
Area: CARIBBEAN SEA
Line: C2124
Observer: KELLY / HOLDEN / DOUCH / LIM

Weather: FINE
Wind: ENE 4
Sea: SLIGHT
Swell: 2m
Stack: ~~1200%~~ ~~2400%~~ 3000% W
Lead in: 236 m
Streamer: ~~1×24~~, ~~2×24~~ 1×60

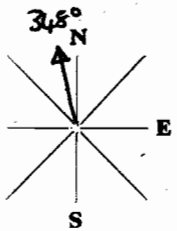
348°

Airguns Total Vol: 1200 Cu Inch
Sample Period: 1, 2, (4) 8, Msec
Filter Setting: 8, 12, 18, 27, Hz. Slope: Out (18) 36 dB/Oct
Initial Gain: 42/48 148/ — 48/48/42 dB
Final Gain: 78 dB
Release Rate: Fast, Medium, Slow
Record Length: 7 Sec
Sheet 56 of Sheets

RECORD NO.	TIME	TAPE REEL	TAPE DELAY	VAX DELAY	WATER M	DEPTH SEC	STREAMER DEPTH IN METRES 1	2	3	4	5	6	WATER ~~SPEED~~ 7	SHIPS HEADING	TRID DELAY	REMARKS
1204	23.04	6031	1	1		200	19	20	20	16	20	21	21		7,8,10	TC : 13.7s
1212	2306	6032	1	1		229	"	"	"	"	"	"	"		"	TAPE CHANGE
1219	23.09	"	2	2		245	"	"	"	"	"	"	"		7 ; 10	DELAY CHANGE
1253	23.16	"	3	3		348	19	21	21	17	20	21	21		10	" "
1286	23.20	"	4	4		448	"	"	"	"	"	"	"		78, 10	" " TC : 14.0s
1305	23.28	6033	"	"		526	"	"	"	"	"	"	"		"	TAPE CHANGE
1311	23.30	"	5	5		550	"	"	"	"	"	"	"		6,7, 8	DELAY CHANGE
1398	23.50	6034	"	"		559	20	20	20	16	20	20	21		6,7,10	TAPE CHANGE
1491	00.14	6035	"	"		597	18	21	22	17	20	21	21		7,10	—— " ——
1584	00.38	6036	"	"		583	"	"	"	"	"	"	"		6,10	—— " ——
1618	00.46	"	4	4		530	"	"	"	"	"	"	"		7,8,9,10	DELAY CHANGE
1639	00.50	"	"	"		457	18	20	21	17	20	21	21		7,9,10	TC 14.3
1658	00.55	"	3	3		429	"	"	"	"	"	"	"		8,11	DELAY CHANGE
1677	01.00	6037	"	"		394	"	"	"	"	"	"	"		8,11	TAPE CHANGE
1703	01.06	"	"	"		353	20	20	20	16	20	21	20		8,10	820 cu in array
1723	01.11	"	2	2		329	19	19	20	16	20	21	21		11	DELAY CHANGE
1757	01.19	"	"	"		299	"	"	"	"	"	"	"		8,9,10	1200 cu in array
1770	01.22	6038	"	"		269	20	21	21	16	19	20	21		8,9,10	TAPE CHANGE
1795	01.28	"	"	"		229	"	"	"	"	"	"	"		8,11	DELAY CHANGE
1863	01.44	6039	"	"		183	18	19	20	16	20	21	21		6,7,9,10	TAPE CHANGE
1947	02.04	"	0	0		129	"	"	"	"	"	"	"		6,8,11	DELAY CHANGE
1956	02.06	6040	"	"		125	19	22	22	17	20	22	22		6,8,11,	~~DELAY CHANGE~~ TAPE CHA
2049	02.28	6041	"	"		023	19	21	21	16	20	21	20		7,8,10	TAPE CHANGE
2050	"	"	"	"		"	"	"	"	"	"	"	"		"	TAPE MARK AFTER 1st FILE ON T
2143	02.52	6042	"	"		023	19	21	21	14	20	21	21		7,8,10	TAPE CHANGE

Marine Survey Unit #3 PETREL
Date, Month, Year 28/ 3 /74
Area: CARIBBEAN
Line: C 2124
Observer: KELLY/HOLDEN/LIM/DOUCH

Weather: FINE
Wind: ENE 4
Sea: SLIGHT
Swell: 2m
Stack: ~~1200%~~ ~~2400%~~ 3000%
Lead in: 236 m
Streamer: ~~1x24~~, ~~2x24~~ 1x60



Airguns Total Vol: 1200 Cu Inch
Sample Period: 1, 2, (4) 8, Msec
Filter Setting: (8) 12, 18, 27, Hz. Slope: Out (18) 36 dB/Oct
Initial Gain: 36/42/48/54 — — — 54 dB
Final Gain: 78 dB
Release Rate: (Fast) Medium, Slow
Record Length: 7 Sec

Sheet 57 of Sheets

RECORD NO.	TIME	TAPE REEL	TAPE DELAY	VAX DELAY	WATER M	DEPTH SEC	STREAMER DEPTH IN METRES 1	2	3	4	5	6	WATER SPEED	SHIPS HEADING	TRIP DELAY	REMARKS
2162	02.57	6042	0	0		022	19	21	21	16	20	21	21		7,8,10	VAX A ON
2236	03.16	6043	"	"		"	19	21	21	16	20	21	21		7,8,10	TAPE CHANGE
2274	03.26	"	"	"		"	20	22	21	17	20	22	22		8,10	T.C. → 15.0 secs
2329	03.39	6044	"	"		020	19	20	20	16	20	21	21		8,10	TAPE CHANGE
2422	04.02	6045	"	"		023	19	20	20	16	20	20	20		8,10	— " —
2515	04.26	6046	"	"		23	19	21	22	17	20	21	20		8,10	— " —
2608	04.50	6047	"	"		24	19	19	20	16	20	22	21		8,10	— " —
2701	05.13	6048	"	"		23	18	20	21	16	20	21	22		8,10	— " —
2796	05.37	6049	"	"		23	19	21	20	16	20	16	17		8,10	— " — 820 CU. IN ARRAY FIRST FEW FILES WRONG R N
2836	05.47	6049	"	"		23	19	20	20	16	18	16	19		8,10	1200 CU. IN. ARRAY.
2889	05.59	6050	"	"		61	19	20	20	16	20	16	16		5,6,8,10	TAPE CHANGE
2982	06.23	6051	"	"		109	19	20	20	16	20	18	20		5,11	— " —
2990	06.26	6051	"	"		110	19	20	20	16	20	18	20		6,11	820 CU. IN ARRAY
3059	06.43	6051	"	"		116	19	20	20	16	18	15	17		5,6,11	1200 CU. IN. ARRAY
3075	06.47	6052	"	"		114	19	20	19	15	16	15	15		5,7,11	TAPE CHANGE
3168	07.10	6053	"	"		137	20	20	20	16	20	19	16		5,6,7,11	— " —
3181	07.12	6053	1	1		142	19	20	20	16	18	18	18		5,8,10	DELAY CHANGE
3262	07.33	6054	1	1		168	19	20	20	16	18	17	18		6,7,8,10	TAPE CHANGE
3355	07.57	6055	1	1		235	19	20	20	16	18	15	19		5,6,7,9,10	— " —
3376	08.02	"	2	2		241	19	20	20	15	20	19	21		7,8,9	DELAY CHANGE
3415	08.15	"	"	"		260	"	"	"	"	"	"	"		"	TC: 14.7s
3448	08.19	6056	"	"		278	19	20	20	16	20	16	15		7,10	TAPE CHANGE
3541	08.41	6057	"	"		309	19	20	20	16	19	15	19		6,7,8,10	" "
3603	08.58	6057	3	3		339	"	"	"	"	"	"	"		6,7,9	DELAY CHANGE
3634	09.06	6058	"	"		347	15	21	20	15	20	19	20		8,9	TAPE CHANGE

Marine Survey Unit 3 PETREL
Date, Month, Year 28 / MAR / 74
Area: CARIBBEAN SEA
Line: C2124
Observer: KELLY, HOLDEN, DOUCH (LIM)

Weather: FINE
Wind: ENE4
Sea: SLIGHT
Swell: 2m
Stack: ~~1200%~~ ~~2400%~~ 3000%
Lead in: 236 m
Streamer: ~~1x24~~, ~~2x24~~ 1x60

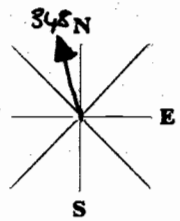
348°

Airguns Total Vol: 1200 Cu Inch
Sample Period: 1, 2, 4, 8, Msec
Filter Setting: 8, 12, 18, 27, Hz. Slope: Out 18 36 dB/Oct
Initial Gain: 54/54/54/—/—/—/54/54/48 dB
Final Gain: 78 dB
Release Rate: Fast, Medium, Slow
Record Length: 7 Sec
Sheet 58 of Sheets

RECORD NO.	TIME	TAPE REEL	TAPE DELAY	VAX DELAY	WATER M	DEPTH SEC	STREAMER DEPTH IN METRES 1	2	3	4	5	6	~~WATER SPEED~~ 7	SHIPS HEADING	TRIP DELAY	REMARKS
3727	09·28	6059	3	3		378	20	22	21	16	20	19	18		10	TAPE CHANGE
3820	09 50	6060	"	"		413	20	20	20	15	19	19	18		6,8,10	" "
3860	10·00	"	"	"		425	"	"	"	"	"	"	"		6,7,8,10	TC. : 14·1 s.
3913	10·13	6061	4	4		444	20	21	21	16	20	18	20		7,9	TAPE & DELAY CHANGE
4006	10·35	6062	"	"		507	20	20	20	16	19	16	19		7,10	TAPE CHANGE
4081	10,52	"	5	5		543	20	20	20	16	20	19	18		9	DELAY CHANGE TC:15.0
4099	10·56	6063	"	"		553	"	"	"	"	"	"	"		7, 9	TAPE CHANGE
4132	11·05	"	"	"		575	20	20	20	15	20	20	20		8, 9	TC ; 15.2s.
4180	11·18	6063	6	6		644	"	"	"	"	"	"	"		9	DELAY CHANGE
4192	11·21	6064	"	"		658	"	"	"	16	19	19	20			Tape Change.
4263	11·40	"	7	7		748	"	"	"	"	"	"	"			DELAY CHANGE TC. 17.0
4285	11·45	6065	"	"		784	20	20	20	15	18	17	17		7,8,9	Tape Change INDR
Delay Change 4324	11·55	"	8	8		842	"	"	"	"	"	"	"			Delay Change. TC ; 18.0
4378	12·13	6066	"	"		924	20	20	20	15	19	19	18		7,10	TAPE CHANGE
4409	12.22	"	"	"		949	"	"	"	"	"	"	"		6,7,8	T.C. → 19.0 S
4401		6066	9	9		940	"	"	"	"	"	"	"			DELAY CHANGE
4471	12·42	6067	"	"		935	20	21	20	15	18	18	18		6,7,9	TAPE CHANGE
4483	12·45	"	8	8		929	"	"	"	"	"	"	"		6,9,10	DELAY CHANGE
4485	12·47	"	"	"		926	"	"	"	"	"	"	"		6,9,10	TC → 18.0 s
4564	13·09	6068	"	"		899	20	21	20	16	19	19	18		7,8,10	TAPE CHANGE
4630	13·30	"	7	7		829	20	20	20	15	19	19	18		7,8,9,10	DELAY CHANGE
656 4642	13·33	"	"	"		813	"	"	"	"	"	"	"		7,8,9,10	VAX A ON
4656	13·37	6069	"	"		789	"	"	"	"	"	"	"		7,8,9,10	TAPE CHANGE + TC → 17
4750	14 04	6070	"	"		734	20	21	20	16	19	19	19		8,10	—"—
4760	14·07	"	6	6		729	"	"	"	"	"	"	"		8,11	DELAY CHANGE

Marine Survey Unit #3 PETREL
Date, Month, Year 28 / 3 / 74
Area: CARIBBEAN
Line: C 2124
Observer: KELLY, HOLDEN, LIM, DOUCH

Weather: FINE
Wind: ENE 4
Sea: SLIGHT
Swell: 2m
Stack: ~~1200%~~ ~~2400%~~ 3000% W
Lead in: 230 m
Streamer: ~~1x24~~, ~~2x24~~ 1x66



Airguns Total Vol: 1200 Cu Inch
Sample Period: 1, 2, (4) 8, Msec
Filter Setting: (8) 12, 18, 27, Hz. Slope: Out (18), 36 dB/Det
Initial Gain: 54 ——— 54 dB
Final Gain: 78 dB
Release Rate: (Fast), Medium, Slow
Record Length: 7 Sec
Sheet 59 of Sheets

RECORD NO.	TIME	TAPE REEL	TAPE DELAY	VAX DELAY	WATER M	DEPTH SEC	STREAMER DEPTH IN METRES 1	2	3	4	5	6	WATER SPEED 7	SHIPS HEADING	TRIP DELAY	REMARKS
4761	14·07	6070	6	6		725	20	21	20	16	19	19	19		8, 11	T.C. → 16·0
4824	14·24	"	"	"		718	20	20	19	15	18	15	16		11	VAX B ON
4843	14·29	6071	"	"		711	"	"	"	"	"	"	"		11	TAPE CHANGE
4884	14·40	"	"	"		729	"	"	"	"	"	"	"		7, 8, 9, 10	820 cu in array
4904	14·46	"	7	7		740	19	21	20	16	16	11	17		7, 8, 9	DELAY CHANGE
4912	14·47	"	"	"		740	"	"	"	"	"	"	"		7, 8, 9	17·0 sec T.C.
4936	14·53	6072	"	"		755	20	21	20	16	20	18	15		7, 8, 9	TAPE CHANGE
4937	14·54	"	"	"		756	"	"	"	"	"	"	"		7, 8, 9	1200 cu in array
5029	15·20	6073	"	"		833	20	21	21	16	20	19	19		8, 10	TAPE CHANGE
5037	15·23	6073	8	8		841	"	"	"	"	"	"	"		8	~~18·0 T.C.~~ DELAY CHANGE
5038	15·23	"	"	"		842	"	"	"	"	"	"	"		"	T.C. 18·0 secs
5056	15·28	"	"	"		857	"	"	"	"	"	"	"		"	VAX A ON
5122	15·48	6074	"	"		873	20	21	20	16	20	20	20		7, 8	TAPE CHANGE
5215	16·16	6075	"	"		913	20	21	20	16	20	21	20		5, 6, 10	— " —
5308	16·43	6076	"	"		958	20	20	19	16	19	19	18		5, 7, 8, 10	— " —
5314	16·45	6076	9	9		963	21	20	19	15	19	19	18		5, 9	DELAY CHANGE TC → 19.0
5401	17·14	6077	"	"		968	21	20	19	15	19	19	18		5, 7, 9	TAPE CHANGE
5494	17·43	6078	"	"		953	21	21	20	15	19	20	17		5, 6, 9	— " —
5587	18·12	6079	"	"		965	22	21	19	15	19	19	18		6, 7, 9	— " —
5680	18·42	6080	"	"		991	21	20	19	15	19	20	18		5, 6, 8, 9	— " —
5773	19·12	6081	"	"		1039	21	21	20	15	19	20	19		5, 6, 8, 10	— " —
5835	19·31	6081	9·9	9·9		1065	21	21	19	15	20	20	19		6, 7, 9	DELAY CHANGE TC → 20
5866	19·41	6082	9·9	9·9		1066	21	21	20	15	20	20	19		6, 8, 9	TAPE CHANGE
5959	20·15	6083	"	"		1045	"	"	"	"	"	"	"		"	" "
5970	20·17	"	9	9		1088	21	20	20	15	20	21	18		6 7 8 10	DELAY CHANGE

Marine Survey Unit 23 PETREL
Date, Month, Year 28 / MAR / 74
Area: CARIBBEAN SEA
Line: C2124
Observer: KELLY / HOLDEN / LIM / DOUCH

Weather: FINE
Wind: ENE 4
Sea: SLIGHT
Swell: 2m
Stack: ~~1200%~~ ~~2400%~~ 3000%W
Lead in: 236 m
Streamer: ~~1x24~~, ~~2x24~~ 1x60

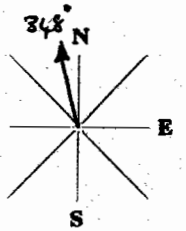
348°

Airguns Total Vol: 1200 Cu Inch
Sample Period: 1, 2, (4) 8, Msec
Filter Setting: (8) 12, 18, 27, Hz. Slope: Out (18) 36 dB/Oct
Initial Gain: ~~54/60/60~~ ~~54/54/54~~ dB
Final Gain: 78 dB
Release Rate: Fast, Medium, Slow
Record Length: 7 Sec
Sheet ~~55~~ 60 of Sheets

RECORD NO.	TIME	TAPE REEL	TAPE DELAY	VAX DELAY	WATER M	DEPTH SEC	STREAMER DEPTH IN METRES 1	2	3	4	5	6	~~WATER SPEED~~ 7	SHIPS HEADING	TRIP DELAY	REMARKS
6000	20.26	6083	9	9		1024	20	20	20	15	20	20	20		7,8,10	TC : 19.0s.
6052	20.42	6084	"	"		976	20	20	20	15	20	20	19		6,7,8,9	TAPE CHANGE
6145	21.12	6085	"	"		950	21	20	20	15	20	20	18		6,9	" "
6238	21.41	6086	"	"		1007	20	20	20	15	20	21	20		7,10	" "
6331	22.10	6087	"	"		963	21	20	20	15	20	20	19		6,8,9	" "
6395	22.32	"	8	8		931	21	20	20	15	20	20	20		7,8,10	DELAY CHANGE 820 cu in Array TC 1
6424	22.39	6088	"	"		904	20	20	20	15	20	20	20		67,10	TAPE CHANGE
6496	23.02	"	"	"		849	"	"	"	"	"	"	"		7,9	1200 cu in Array.
6517	23.07	6089	"	"		856	20	20	20	15	20	20	20		79	TAPE CHANGE
6599	23.33	"	7	7		828	21	20	20	15	20	20	20		7 910	DELAY CHANGE
6610	23.35	6090	"	"		811	"	"	"	"	"	"	"		678,10	TAPE CHANGE TC 17.0
6703	00.01	6091	"	"		787	21	20	20	16	19	19	19		7,8,9	" "
6796	00.28	6092	"	"		813	21	20	19	15	19	20	19		5,6,8,10	" "
6859	00.54	6093	"	"		756	21	21	20	16	19	18	18		5,8,9	TAPE CHANGE
6982	01.21	6094	"	"		759	20	20	20	15	18	18	18		5,7,9	" "
7075	01.46	6095	"	"		743	21	20	20	15	19	19	18		5,6,7,9	" "
7135	02.07	"	6	6		730	20	19	19	15	20	19	18		7,9,10	DELAY CHANGE
7168	02.13	6096	"	"		731	20	20	19	15	19	20	19		7,9,10	TAPE CHANGE
7186	02.19	"	"	"		736	"	"	"	"	"	"	"		7,9,10	T.C. → 16.0s
7261	02.35	6097	"	"		739	19	20	20	16	18	14	16		5,6,9,10	TAPE CHANGE
7303	02.50	"	7	7		741	20	20	20	15	17	18	18		5,6,9	DELAY CHANGE
7331	02.58	"	"	"		736	"	"	"	"	"	"	"		"	T.C. → 17.0s
7354	03.04	6098	"	"		733	19	20	20	16	19	19	18		5,6,9	TAPE CHANGE
7427	03.24	"	6	6		729	"	"	"	"	"	"	"		5,6,9,10	DELAY CHANGE T.C. → 16.
7447	03.30	6099	"	"		725	20	20	20	16	19	21	20		5,6,9,10	TAPE CHANGE

Marine Survey Unit #3 PETREL
Date, Month, Year 29 / 3 / 74
Area: CARIBBEAN
Line: C 2124
Observer: KELLY
HOLDEN
LIM
DOUCH

Weather: FINE
Wind: ENE 4
Sea: SLIGHT
Swell: 2m
Stack: ~~1200%~~ ~~2400%~~ 3000% W
Lead in: 236 m
Streamer: ~~1x24~~, ~~2x24~~ 1x60



Airguns Total Vol: 1200 Cu Inch
Sample Period: 1, 2, (4), 8, Msec
Filter Setting: (8) 12, 18, 27, Hz. Slope: Out (18) 36 dB/Oct
Initial Gain: 54 / / / / 54/48 dB
Final Gain: 78 dB
Release Rate: (Fast) Medium, Slow
Record Length: 7 Sec

Sheet 61 of Sheets

RECORD NO.	TIME	TAPE REEL	TAPE DELAY	VAX DELAY	WATER M	DEPTH SEC	STREAMER DEPTH IN METRES 1	2	3	4	5	6	~~WATER SPEED~~ 7	SHIPS HEADING	TRIP DELAY	REMARKS
7540	03.54	6100	6	6		723	19	20	20	16	19	20	20		6,9,10	TAPE CHANGE
7558	03.59	"	"	"		725	"	"	"	"	"	"	"		6,9,10	END OF LINE
7559																NOISE RECORD
																TAPE MARK
																ALL 1's