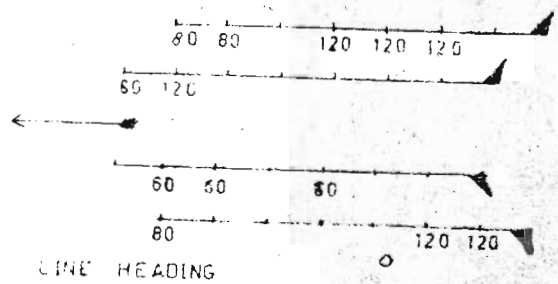
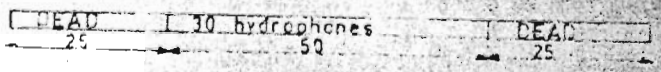
MARINE SURVEY GENERAL INFORMATION

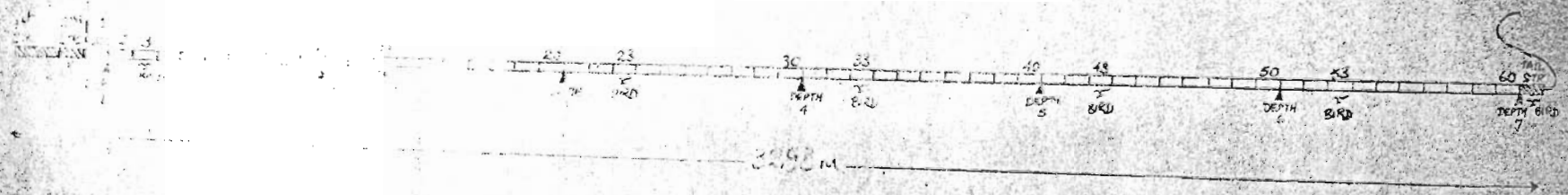
AREA CARIBBEAN
DATE 26-3-74
LINE C2123
FIRST S.P.
LAST S.P. 3664
DETECTOR INTERVAL 50 m
CABLE LENGTH [illegible] M
TYPE OF CABLE S. ENG.
Nº OF STATIONS 60
WATERBREAKS 2 TRACES
[illegible] CHANNELS
SHOT INTERVAL 50 M
DEPTH OF SOURCE [illegible] - 9 M.
AV. AIR PRESSURE [illegible] ATM
AIR GUN ARRAY [illegible] INCH³



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 Nº 5979 – 6018



M. V. PETREL

R. T. S. P. 201 DATA PROCESSING

OPERATOR PHIS/MOHON/KOHOO EQUIPMENT RTSP201, PDP8 - SHELL

Nº C. V. G.s 17 ~~ON~~/OFF LINE PROC. DOWN

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

LINE Nº C2123

DATE 27-3-74

AREA CARIBBEAN

STACK 24 FOLD

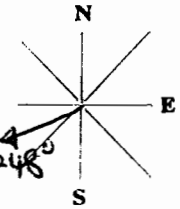
INTENSITY 0.25uA

Shot Nº	Reel Nº	Remark	Shot Nº	Reel Nº	Remark
		START OF LINE			
10	5979	(DELAY → 0 SEC. I.B. 300ms RATE 100ms)	2050	6001	TAPE CHANGE
82	"	DELAY → 1 SEC	2123	"	(DELAY → 0 SEC. I.B. 300ms RATE 100ms)
97	5980	TAPE CHANGE	2143	6002	TAPE CHANGE
190	5981	" "	2179	"	DELAY → 1 SEC
283	5982	" "	2236	6003	TAPE CHANGE
376	5983	" "	2329	6004	" "
389	"	(DELAY → 0 SEC. I.B. 700ms RATE 100ms)	2385	"	DELAY → 2 SEC.
469	5984	TAPE CHANGE	2423	6005	TAPE CHANGE
562	5985	" "	2460	"	DELAY → 3 SEC.
655	5986	" "	2515	6006	TAPE CHANGE
677	"	DELAY → 1 SEC	2608	6007	" "
748	5987	TAPE CHANGE	2612	"	DELAY → 4 SEC.
841	5988	" "	2701	6008	TAPE CHANGE
934	5989	" "	2794	6009	" "
1027	5990	" "	2887	6010	" "
1120	5991	" "	2980	6011	" "
1213	5992	" "	3005	"	DELAY → 5 SECS (SHIFT 3 SECS)
1258	"	DELAY → 2 SECS	3073	6012	TAPE CHANGE
1306	5993	TAPE CHANGE	3166	6013	" "
1399	5994	" "	3259	6014	" "
1492	5995	" "	3353	6015	" "
1585	5996	" "	3445	6016	" "
1678	5997	" "	3539	6017	" "
1683	"	DELAY → 1 SECS	3632	6018	" "
1771	5998	TAPE CHANGE	3664	"	LAST POP
1864	5999	" "			
1957	6000	" "			

NOTE S.P 2613 → SP 3664 will be processed again at a later date

Marine Survey Unit 2
Date, Month, Year 26 / MAR / 1974
Area: CARIBBEAN SEA
Line: C 2123
Observer:
KELLY / HOLDEN / LIM / DOUCH

Weather: FINE
Wind: NE 4 → 5
Sea: MODERATE
Swell: 2M
Stack: 1200% 2400% 3000%
Lead in: 236 m
Streamer: ~~1×24, 2×24~~ 1×60



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: 42/42 / 48/48/48/45 / 54 / 54 / ——→ 54/48 dB
Final Gain: 78 dB
Release Rate: (Fast) Medium, Slow
Record Length: 7 Sec
Sheet 52 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
01		5979														8μV 36Hz CALIBRATION
[redacted]																CABLE NOISE
[redacted]																TEST POPS
[redacted]10	19.35	5979	0	0		125	19	20	19	16	18	17	19		6,7,11	FIRST POP TC → 15.2 secs
[redacted]83	19.53	5979	1	1		143	19	20	21	16	17	17	20		6,7,10	DELAY CHANGE
[redacted]97	19.57	5980	1	1		145	20	20	21	16	19	16	18		6,7,10	TAPE CHANGE
190	20.22	5981	1	1		159	18	20	20	16	20	20	20		7,8	" "
283	20.44	5982	1	1		172	19	20	20	15	20	20	20		"	" "
355	21.04	"	"	"		143	20	20	20	15	20	20	20		6,7,8,10	820 cu in Array
389	21.11	5983	0	0		129	20	20	20	15	19	20	20		8,11	DELAY CHANGE
406	21.15	"	"	"		121	20	20	20	15	20	20	20		7,11	15.7s: TC.
469	21.31	5984	"	"		103	20	20	20	15	19	18	20		7,11	TAPE CHANGE
376	21.06	5983	1	1		138	20	20	20	15	20	20	20		7,8,10	" "
493	21.38	"	0	0		104	20	20	20	15	20	20	20		6,10	1200 cu. in Array
562	21.56	5985	"	"		111	19	20	21	16	18	19	20		6,11	TAPE CHANGE
655	22.21	5986	"	"		125	20	21	20	15	19	18	20		8,11	" "
677	22.26	"	1	1		140	"	"	"	"	"	"	"		6,7,10	DELAY CHANGE
748	22.44	5987	1	1		164	20	20	20	16	19	20	20		6,8,10	TAPE CHANGE
841	23.09	5988	"	"		203	"	"	"	15	"	"	"		6,7,10	" " TC: 15.2s.
934	23.32	5989	"	"		217	18	"	"	"	18	16	20		8,9,10	" "
1027	23.56	5990	"	"		233	19	21	21	16	18	17	20		6,8,9,10	T.C. → 14.9s TAPE CHANGE
1120	00.19	5991	"	"		202	18	20	20	16	19	17	21		8,9,10	TAPE CHANGE
1213	00.42	5992	"	"		172	18	20	19	15	18	15	19		6,7,8,10	—— " ——
1258	00.53	"	2	2		245	"	"	"	"	"	"	"		6,7,9	DELAY CHANGE
1270	00.56	"	"	"		251	"	"	"	"	"	"	"		8,9	T.C. → 15.6s

Marine Survey Unit # 3 PETREL
Date, Month, Year 27 / 3 / 74
Area: CARIBBEAN
Line: C2123
Observer: KELLY/HOLDEN/LIM/DOUCH

Weather: FINE
Wind: NE 4→5
Sea: MODERATE
Swell: 2m
Stack: ~~1200%~~ ~~2400%~~ 3000% W
Lead in: 230 m 248
Streamer: ~~1x24~~, ~~2x24~~ 1x60

N
E
S

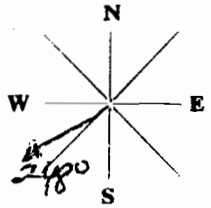
Airguns Total Vol: 1200 Cu Inch
Sample Period: 1, 2, (4) 8, Msec
Filter Setting: (8) 12, 18, 27, Hz. Slope: Out (18) 36 dB/Oct
Initial Gain: 42/42/42/42 → → /42 dB
Final Gain: 78 dB
Release Rate: (Fast) Medium, Slow
Record Length: 7 Sec
Sheet 53 of Sheets

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
1306	01.06	5993	2	2		273	18	20	20	15	17	15	20		6, 10	TAPE CHANGE
1399	01.30	5994	"	"		257	20	22	21	16	19	20	20		6, 7, 10	— " —
1437	01.40	"	"	"		251	19	20	20	15	18	19	20		6, 10	15 T.C. 15 4 secs
1449	01.43	"	"	"		261	"	"	"	"	"	"	"		10	820cu in array
1492	01.54	5995	"	"		295	19	20	19	15	18	17	20		6, 7, 10	TAPE CHANGE
1513	02.59	"	"	"		303	"	"	"	"	"	"	"		6, 8, 10	1200cu in array
1555	02.18	5996	"	"		297	18	20	20	15	18	17	18		6, 7, 8, 10	TAPE CHANGE
1678	02.41	5997	"	"		234	19	20	20	16	18	17	19		6, 8, 10	— " —
1683	02.43	"	1	1		228	"	"	"	"	"	"	"		6, 7, 11	DELAY CHANGE
1742	02.58	"	"	"		213	"	"	"	"	"	"	"		7, 8, 9, 10	VAX A ON
1771	03.06	5998	"	"		206	18	20	20	15	17	14	19		8, 9, 10	TAPE CHANGE
1864	03.29	5999	"	"		215	18	20	20	15	19	20	19		8, 9, 10	— " —
1944	03.50	"	"	"		208	20	21	20	16	18	15	20		8, 9, 10	15.2 T.C.
1957	03.53	6000	"	"		211	"	"	"	"	"	"	"		8, 9, 10	TAPE CHANGE
2050	04.16	6001	"	"		152	"	"	"	"	"	"	"		5, 9, 10	— " —
2123	04.35	6001	0	0		125	18	20	19	16	17	17	19		5, 7, 11	DELAY CHANGE
2143	04.40	6002	0	0		125	19	20	20	16	19	19	19		5, 7, 11	TAPE CHANGE
2179	04.52	6002	1	1		147	18	20	19	16	18	18	19		5, 7, 10	DELAY CHANGE
2214	04.58	6002	1	1		157	19	20	20	16	19	19	19		5, 7, 10	TC → 14.5 secs
2236	05.04	6003	1	1		163	19	20	20	16	19	19	20		6, 8, 10	TAPE CHANGE
2329	05.26	6004	1	1		215	"	"	"	"	"	"	"		6, 8, 10	— " —
2365	05.35	6004	1	1		235	"	"	"	"	"	"	"		6, 7, 9, 10	TC → 15.3 secs
2385	05.39	6004	2	2		260	"	"	"	"	"	"	"		6, 8, 9	DELAY CHANGE
2424	05.49	6005	2	2		301	"	"	"	"	"	"	"		7, 10	TAPE CHANGE
2460	05.59	6005	3	3		350	18	20	20	16	18	17	20		5, 6, 7, 8	DELAY CHANGE

PEREL

Marine Survey Unit #3
Date, Month, Year 27, March, 74
Area: CARIBBEAN
Line: C2123
Observer: KELLY/HOLDEN/LIM/DOUGH

Weather: FINE
Wind: NE 4→5
Sea: MODERATE
Swell: 2 METRE
Stack: ~~1200% 2400%~~ 3000%
Lead in: 230 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/Dct
Initial Gain: 54/54/54 — / — / — / → 154/42 dB
Final Gain: 78 dB
Release Rate: Fast, Medium, Slow
Record Length: 7 Sec
Sheet 54 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
2515	06.12	6006	3	3		400	19	20	20	16	20	20	20		5,6,10	TAPE CHANGE
2608	06.36	6007	3	3		442	19	20	20	16	20	20	19		5,6,7,8,10	—"—
2612	06.37	6007	4	4		449	19	20	20	16	20	20	19		9	DELAY CHANGE
2674	06.53	6007	4	4		477	19	21	21	16	19	19	19		5,8,9	820 cu. in. ARRAY
2701	07.00	6008	4	4		451	18	20	20	16	17	15	18		8,9	TAPE CHANGE
2760	07.15	6008	4	4		448	20	20	20	15	19	20	20		5,7,9	1200 cu in ARRAY TC→14.1s
2794	07.23	6009	"	"		453	19	20	21	20	19	20	19		5 7 9	Tape Changed.
2887	07.41	6010	"	"		480	19	20	21	16	19	19	19		5,6,7,8,9	—"—
2980	08.07	6011	"	"		517	19	20	20	15	20	20	19		8,10	—"—
3005	08.14	"	5	5		541	"	"	"	"	"	"	"		"	Delay Change. TC 15.0s
3073	08.29	6012	"	"		569	20	20	20	15	20	21	20		6,8,9	Tape Change
3166	08.54	6013	"	"		579	20	20	20	15	20	20	20		6 7 8 9	" " SP 3260 1 NDR
3259	09.17	6014	"	"		589	"	"	"	"	"	"	"		"	" "
3353	09.41	6015	"	"		596	20	20	21	16	20	19	20		7,9	" "
3445	10.05	6016	"	"		597	20	20	20	15	16	15	20		7,9	" "
3539	10.27	6017	"	"		595	20	20	19	16	20	20	20		7,9	" " Ships Noise
3632	10.51	6018	"	"		560	"	"	20	16	"	"	"		5,6 10	" "
3664	11.00	"	"	"		547	20	20	20	15	20	20	20		6,8,9	LSP. End of Line
3665	"	"	"													Noise Record,
																Tape Mark
																All Ones Swing.