

RECORDING LOG

START VENT ELA 7
BASIN LINE 8
DFS IV

R/V ROBERT D. CONRAD

Cruise: 19-04

Format: SEG-B

Line: 0008

BPI: 800

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L	Trip Del.	O/D	P/E	Comments
25 Nov 1975	1		1								
	1	14:00	425	2535	20	2ms	6	6.5	-	-	Compressor at 1350 PSI
	89	14:29	426	2548	20	4ms	12	6.5	-	-	Charged Ray to 10sec
	183	15:01	427	2555	"	"	"	"	-	-	
	279	15:32	428	2558	"	"	"	"	-	-	Gun #2 Out. Filling pressure dropped to 1000 PSI
	340		429	2561	"	"	"	"	-	-	
	374	16:05	429	2561	"	"	"	"			
	469	16:36	430	2566	20	4	12	7.5	-	-	CHANGED TRIP DELAY TO 7.5 SEC. RAY THEN DELAY TO 6
	563	17:08	431	2576	20	4	12	7.5	-	-	
	604	17:21	431	2575	20	4ms	12sec	7.5	-	-	DELAY BACK TO 6.5 SEC. 7.5 SEC A
	658	17:39	432	2575	"	"	"	6.5			MISTAKE
	753	18:11	433	2586	"	"	"	"	-	-	
	848	18:41	434	2588	"	"	"	"	"	"	
	943	19:14	435	2599	"	"	"	"	"	"	
	1005	19:35									RESET FILE COUNTER FROM 5704
	1038	19:46	436	2611	"	"	"	"	"	"	
SB12	1132	20:16	437	2623	"	"	"	"	"	"	
	1227	20:43	438	2633	"	"	"	"	"	"	time approx (6.5 sec probably ok)
	1321	21:40	439	2638	"	"	"	"	"	"	
	1415	21:51	440	2650	"	"	"	"	"	"	
	1509	22:22	441	2657	"	"	"	"	"	"	
	1604	22:54	442	2656	"	"	"	"	"	"	
	1648	23:26	443	2672	"	"	"	"	"	"	

RECORDING LOG

R/V ROBERT D. CONRAD

Cruise: C 19 04

Line: 0008

DFS IV

Format: Seq B

BPI: 800

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L	Trip Del.	O/D	P/E	Comments
25 Nov 1975	1792	2358	444	2674	20	4msec	12SEL	6.5	—	—	
26 Nov 75	1887	0028	445	2678	20	"	"	"	—	—	
"	1984	0100	446	2678	"	"	"	"	—	—	
"	2076	0132	447	2678	"	"	"	"	—	—	Guns at 1300 PSI.
"	2170	0203	448	2678	"	"	"	"	—	—	
"	2265	0235	449	2678	"	"	"	"	—	—	
"	2360	0306	450	2678	"	"	"	"	—	—	
"	2455	0338	451	2678	"	"	"	"	—	—	
"	2549	0409	452	2678	"	"	"	"	—	—	
"	2644	0441	453	2678	"	"	"	"	—	—	CHANGED CAMERA TO 50 POPS RATE
"	2738*	0514	454	2678	"	"	"	"	—	—	MAY BE 2739 MAY HAVE MISSED 1 SHOT
"	2834	0545	455	2678	"	"	"	"	—	—	
"	2929*	0619	456	2678							* SREINER UP CHANGED OVER MISSED SHOTS
"	3029	0649	457	2678	2	"	"	"	—	—	RESET FILE COUNTED
"	3122	0721	458A	2678	6	"	"	"	—	—	TPX2 DEFECTIVE REBOOTED 458A
"	3187	0736	458	2678	"	"	"	"	—	—	TPX2 DEFECTIVE
"	3162	0802	459	2678	"	"	"	"	—	—	Working on TPX-2 operating
"	3356	0838	460	2678	"	"	"	"	—	—	
"	3451	0910	461	2678	"	"	"	"	—	—	0842 - set file # to match
"	3545	0941	462	2678	"	"	"	"	—	—	spurious signal -
"	3638	1012	463	2678	"	"	"	"	—	—	missed
"	3732	1044	464	2678	"	"	"	"	—	—	1075 - delay of guns 123 by 1ms
"	3733	1045	464	2678	"	"	"	"	—	—	

RECORDING LOG

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R/V ROBERT D. CONRAD

DFS IV

Cruise: 19-04

Format: Seq B

Line: 8

BPI: 800

LOCAL TIME

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L.	Trip Del.	O/D	P/E	Comments
26 Nov 75	3827	1115	465	2678	20	4ms	12sec	6.5	—	—	
"	3916	1146	466	2678	"	"	"	"			ship making circle air guns off - compression gun
	3917	1405	466	2674	20	4ms	12sec	6.5	—	—	
	4016	1436	467	2673	"	"	"	"	—	—	1500 Radio XTRANSMISSION
	4105	1507	468	2672	"	"	"	"	—	—	interfered with data
	4200	1539	469	2672	"	"	"	"	—	—	
	4294	1610	470	2670	"	"	"	"			
	4389	1642	471	2670	"	4ms	12sec	6.5	—	—	
	4484	1714	472	2668	"	"	"	"	—	—	
	4578	1745	473	2667	"	"	"	"	—	—	
	4673	1817	474	2667	"	"	"	"	—	—	
	4768	1849	475	2668	"	"	"	"	—	—	
	4863	1921	476	2674	"	"	"	"	"	"	
	4957	1951	477	2676	"	"	"	"	"	"	MISSED SP 4956 (COPS)
	5051	2022	478	2675	"	"	"	"	"	"	
	5145	2055	479	2517	"	"	"	"	"	"	
	5239	2125	480	2444	"	"	"	"	"	"	
	5333	2156	481	2346	"	"	"	"	"	"	
	5427	2233	482	2239	"	"	"	5.5	"	"	Delay now 3.5 sec
	5522	2300	483	2138				5.5			
	5617	2331	484	2050							
27 Nov 75	5712	0003	485	2118							

RECORDING LOG

R/V ROBERT D. CONRAD

Cruise: RC 19204

Line: 8 - change to 9

DFS IV

Format: *Seg B*

BPI: 800

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L	Trip Del.	O/D	P/E	Comments
27 Nov 75	5807	0035	486	2047	20s	4ms	12s	5.5	—	—	
	5902	0106	487	1962	"	"	"	"	—	—	
	5995	0137	488	1896	"	"	"	"	—	—	
	6087	0208	489	1885	"	"	"	4.5	—	—	SP.6112 Changed Trip
	6181	0239	490	1595	"	"	"	"	—	—	delay to 4.5 sec
	6274	0310	491	1538	"	"	"	3.5	—	—	
	6368	0342	492	1310	"	"	"	3.5	—	—	SP.6234 changed Trip
	6463	0413	493	1480	"	"	"	3.5			delay to 3.5 sec
	6558	0444	494	2250 1880				3.5			also dropped file count
	6653	0516	495	1850	20s	4ms	12s	5.5			by 1 because of passing
	6658	0518	1					5.5			through O. CHG DELAY
	6748	0548	496	2036							To 5.5 sec.
	6842	0620	497	2270							
	6937	0651	498	2346	20s	4ms	12sec	5.55			
	6971	0703	498								AC 145°
	7000	0712									END LINE 8.
	0001	0733	499	2380	20s	4ms	12.4	5.55	—	—	START LINE 9. A/C
	0032	0743		2392							UP SPEED BY $\frac{1}{2}$ - $\frac{3}{4}$ KNOT
	0095	0804	500	2400	20s	4ms	12sec	5.5	—	—	*0811 Reduced spd by $\frac{1}{2}$ knot
	0190	0835	501	2405	"	"	"	"			Synchronizing 0830
	0284	0902	502	2412	"	"	"	"	—	—	
	0399	0938	503	2415	"	"	"	"			
		091000			—						dc 095°

RECORDING LOG

R/V ROBERT D. CONRAD

DFS IV

Cruise: 19-04

Format: *Seg B*Line: *0009*BPI: *800*

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L	Trip Del.	O/D	P/E	Comments
27 Nov 75	0473	1010	504	2415	20	4	12sec	5.5	-	-	New course - 095°
"	0566	1041	505	2425	"	"	"	"	-	-	~ 1015 - 944 #1 gulf
"	0650	1112	506	2441	"	"	"	"	-	-	
"	0755	1144	507	2450	"	"	"	"	-	-	
"	0850	1215	508	2450	"	"	"	"	-	-	Gun #1 on @ SP 800
	0943	1247	509	2452	"	"	"	"	"	"	
	1037	1317	510	2470	"	"	"	"	"	"	
	1135	1350	511	2476	"	"	"	"	-	-	Missed 5 slots from
	1227	1421	512	2475	"	"	"	"	-	-	SP 1130
	1323	1453	513	2479	"	"	"	"	-	-	Gunset 1800 PSI
	1416	1523	514	2481	"	"	"	"	-	-	Updated File # SP 1280
	1511	1555	515	2482	"	"	"	"	-	-	
	1605	1626	516	2482	"	"	"	"	-	-	
	1700	1706	517	2482	"	"	"	"	-	-	
	1794	1730	518	2482	"	"	"	"	-	-	
	1889	1801	519	2482	"	"	"	"	-	-	
	1983	1832	520	2482	"	"	"	"	-	-	
	2076	1903	521	2482	"	"	"	"	-	-	Still 1800psi
	2171	1935	522	2482	"	"	"	"	-	-	
	2265	2006	523	2482	"	"	"	"	-	-	
	2359	2039	524	2482	"	"	"	"	-	-	
	2453	2110	525	2482	"	"	"	"	-	-	
	2547	2141	526	2482	"	"	"	"	-	-	

RECORDING LOG

R/V ROBERT D. CONRAD

Cruise: 19-04

Line: 0009 / 0010

DFS IV

Format:

BPI:

Seg B
800 B.P.

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L.	Trip Del.	O/D	P/E	Comments
27 Nov 75	2641	2212	527	2457 2480	20	4	125	5.5	—	—	none
"	2735	2244	528	2389	"	"	"	"	—	—	2243 C/C by depth to 063° & 4/c
"	2828 0095	2315	529	2284	"	"	"	"	—	—	2305 C/C by depth to 030°
"	0095	2346	530	2138	"	"	"	"	—	—	START LIA 10 on Tape 529.
"	00190	0019	531	2056	"	"	"	"	—	—	#18 to 182. No Air Gun
28 Nov 75	284	0049	532	1978	"	"	"	"	—	—	
	378	0121	533	2018	"	"	"	"	—	—	Comp. at 1500 PSI
	471	0152	534	2230	"	"	"	"	—	—	
	565	0223	535	2206	"	"	"	"	—	—	
	659	0254	536	2197	"	"	"	"	—	—	
	752	0325	537	2192	"	"	"	"	—	—	
	847	0356	538	2257	"	"	"	"	—	—	
	942	0428	539	2460	20	4	12	5.5	—	—	SP COUNT OFF BY 1000 FROM SHOT 1117 → 1685
	1037	0507	540	2505							DUNK
	1132	0532	541	2583	20	4	12	6.5	—	—	CHANGE TRIP DELAY TO 6.5
	1226	0603	542	2672	20	4	12	6.5	—	—	CHANGE RATE ^{MINUTED} DELAY TO 6 SEC (FROM 4.5)
	1321	0635	543	2674	20	4	12	7.5	—	—	CHANGE TRIP DELAY TO 7.5 SEC
	1414	0705	544	2674	20 SEC	4	12	7.5	—	—	
	1507	0737	545	2668							
	1601	0809	546	2663	"	"	"	"	—	—	There is a tape 546 which may have BB shot. Look off by 1000 Bunch at 1696
X	1695	0840	547	2663	4T						Switch to TPX 2/
X @	1715 1728										
*NB	1732	2436									

*TPX-2 problem; restart new tape to 547

RECORDING LOG

R/V ROBERT D. CONRAD

Cruise: 19-7

Line: 0010

2660
7.5
3000.00

DFS IV

Format:

BPI:

partial delay
in 7500
ms since then
in minutes

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L	Trip Del.	O/D	P/E	Note 6500 ms delay in tapes ever since tape 543 until = tape 550 Comments
28 Nov 75	1742	0855	547	2663	20 ms	4	12	7.5	—	—	St. to 1695 = 1742 in TPX-1
"	1835	0826 0826	548	2663	"	"	"	"	—	—	St. to 1695 = 1742 in TPX-1
"	1929	0958	549	2663	"	"	"	"	—	—	St. to 1695 = 1742 in TPX-1
"	2022	1028	550	2663	"	"	"	"	—	—	
"	2115	1100	551	2663	"	"	"	"	—	—	
"	2209	1130	552	2668	"	"	"	"	—	—	
"	2302	1201	553	2668	"	"	"	"	—	—	
"	2355	1220	554	2668	"	"	"	"	—	—	2391 TP off
"	2471	1255	555	2670	"	"	"	"	—	—	TPX 1 not driving TPX-2 ON
"	2564	1326	556	2670	"	"	"	"	—	—	2396 TPX-2 ON
"	2647	1357	557	2672	"	"	"	"	—	—	Compressor at 1400
"	2740	1427	558	2672	"	"	"	"	—	—	
"	2835	1458	559	2672	"	"	"	"	—	—	
"	2929	1531	560	2672	"	"	"	"	—	—	
"	3023	1603	561	2672	"	"	"	"	—	—	
"	3117	1633	562	2672	"	"	"	"	—	—	
"	3212	1706	563	2672	"	"	"	7.5	—	—	
"	3306	1737	564	2672	"	"	"	"	—	—	
"	3401	1808	565	2672	"	"	"	"	—	—	
"	3496	1839	566	2672	20	4 ms	12 sec	7.5 sec	—	—	
"	3591	1911	567	2672	"	"	"	"	—	—	
"	3686	1943	568	2672	"	"	"	"	—	—	
✓	3780	2014	569	2659	"	"	"	"	—	—	2008 Gun #2 out

RECORDING LOG

R/V ROBERT D. CONRAD

Cruise: 19-04

Line: 0010

DFS IV

Format: Srg B

BPI: 8000

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L	Trip Del.	O/D	P/E	Comments
28 Nov 75	3875	2047	570	2657	20 _{sec}	4ms	12 _{sec}	7.5	—	—	Missed ^{SP} 396.9 when
	3969	2119	571	2646	"	"	"	"	—	—	changing tape Transmits
	4065	2150	572	2639	"	"	"	"	—	—	
	4159	2212	573	2633	"	"	"	"	—	—	Gun #2 on line before
	4253	2252	574	2628	"	"	"	"	—	—	Tape # 573
	4248	2324	575	2622	"	"	"	"	—	—	
	4442	2355	576	2617	"	"	"	"	—	—	Corrected File Count
29 Nov 75	4537	0027	577	2611	"	"	"	"	—	—	at 3975 and again
	4632	0058	578	2607	"	"	"	"	—	—	at 4004
	4727	0130	579	2602	"	"	"	6.5	—	—	SP 4728 - 1 sec Trip Del.
	4822	0202	580	2592	"	"	"	"	—	—	Corrected Shot # on
	4917	0232	581	2586	"	"	"	"	—	—	Magia Box ≈ 4800
	5012	0304	582	2578	"	"	"	"	—	—	Corrected File Count
	5107	0337	583	2577	"	"	"	"	—	—	at 5000 +
	5202	0408	584	2573							
	5297	0441	585	2560	"	"	"	6.5	—	—	
	5392	0509	586	2555							
	5487	0543	587	2543							
	5582	0615	588	2536							
	5677	0647	589	2522							GUN 2 Down @ 0645
	5772	0718	590	2508	20 _{sec}	4ms	12 _{sec}	6.58	—	—	"
	5867	0750	591	2490							No GUN 2
	5962	0822	592	2482							Gun #2 out

RECORDING LOG

R/V ROBERT D. CONRAD

Cruise: RC 19-04

Line: 0070 and 0011

DFS IV

Format:

BPI:

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L.	Trip Del.	O/D	P/E	Comments
29 Nov 75	6055	0854	593	2470	20	4th	12sec	6.5	-	-	GUN #2 out
"	6151	0925	594	2464	"	"	"	"			GUN #2 on 0940
"	6246	0957	595	2446	"						
"	6341	1034	596	2445	"						
	6426	1100	597	2434	"						
	6530	1131	598	2403	"						6767 corrected File #
	6625	1203	599	2400	"						
	6719	1234	600	2400							
	6814	1301	601	2380							
	6909	1338	602	2354							
	7005	1410	603	2350							7002 corrected File #
	7099	1441	604	2340						1-4	Missed 7004 during change over
	7194	1513	605	2335							TPX 2 1-4 PE / File
	7287	1544	606	2330							TPX 1 PE's at beginning of Tape
	7384	1615	607	2309							Wrong TAPE ID on 605
	7478	1647	608	2280							MAY BE PARITY ERROR ON TAPE
	7572	1719	609	2260							System down to repair
	7668	1752	610	2278							TPX-2 - lots of parity errors
	7762	1722									RESTART AFTER PARITY ERROR
End Line # 10	618538	2240	611	2260	20	4th	12sec	6.5	-	-	START LINE 0011
	changed to 0001 08548										
	0094	2312	612	2260	"	"	"	"	-		

RECORDING LOG

R/V ROBERT D. CONRAD

Cruise: 1904

Line: 0011

DFS IV

Format: Sg B

BPI: 800

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L.	Trip Del.	O/D	P/E	Comments
29 Nov 75	0187	2342	613	2248	21pc	4000	1250	6.5	—	—	
30 Nov 75	281	0014	614	2257	"	"	"	"			
	3876	0046	615	2267							
	470	0117	616	2264					TDR	yes	Occasional SC errors
	564	0148	617	2260							
	658	0220	618	2255					#2	yes	SC errors
	752	0251	619	2270							? Tape ID correct?
	845	0320	620	2286							Compressor down at
											beginning of TAPE 620
											SP 845-859 no data
		0402	620	2286							COMP. ON LINE. START DFSIV
	1064	0435	621	2320							UP AGAIN
	1158	0506	622	2340							
	1252	0537	623	2378							
	1345	0608	624	2398							
	1372	0618	624								SHOT SYSTEM DOWN TO
	1375	0619	624								SWAP CARDS, BACK ON @ 1375
	1445	0642	625	2415	20	4ms	125	6.55	—	—	
	1543	0715	626	2430							0640 SP 1441 SHOT DOWN
	1642	0747	627	2442							SYSTEM BETWEEN TAPES
											TO CHANGE CARDS

NOTE APRIL 27, 78 ~~FOR~~ THE CARDS SNAPPED TURNED OUT TO BE SET UP FOR P.C. RECORDING & SEVERAL TAPES WERE RUN OFF WITH NO DATA.

RECORDING LOG

R/V ROBERT D. CONRAD

Cruise: 19-04

11- Venez. Bank

Line: 11, 12

12- Antilles East

DFS IV

Format: SEG-B

BPI: 800

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L	Trip Del.	O/D	P/E	Comments
30 NOV 75	1665	0757	627	2442	205	4ms	12S	6.5			SHOT SYS. DOWN FOR
"	1742	0822	628	2462							SWAP OF CARPS (SP 1665)
	1840	0854	629	2470	"	"	"	"			BACK ON AT SP 1670
	1937	0926	630	2474							Reset Tape shot counter &
	2035	1000	631	2470							file to Black Box counter.
	2132	1032	632	2488							<u>Q#1714 SP.</u>
	2230	1104	633	2439							
	2327	1136	634	2407							
	2423	1209	635	2392							
	2521	1241	636	2425				5.5			2570. Decrease delay to 5.5 seconds
	2819 ¹¹¹⁹	1314	637	1982				9.5			2704 Decrease delay to 4.5 sec
	2715	1346	638	1795							
	2812	1418	639	1484				3.5			2829 - 1 sec delay
	2906	1450	640	1085							Radio Interference - M. Townsend travel arrangements
END LINE #11			640								End of Line #11
	BEGIN LINE #12										Compressor shut down
4 DEC 75	0001	2205	641	2918	20	4	12	6.5			START LINE #12 (Antilles East) possibly first 20 shots unusable
	0119	2245	642	2813							Last 12 slots on TPX 2 - would not store
	0212	2315	643	3015							
	0306	2345	644	2995							
		2359	645								decrease delay to 7.5 sec.
5 DEC 1975	0400	0017	645	2690				7.5			
	0495	0049	646	2620							

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Antilles East

Format: SEG-B

BPI: 800 B

[illegible]

RECORDING LOG

R/V ROBERT D. CONRAD

Antilles East

DFS IV

Cruise: 1904

Format: Seq B

Line: 12-

BPI: 800

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L	Trip Del.	O/D	P/E	Comments
5 Dec 75	2577	1223	668	2580	20	4ms	125	6.5	—	—	
	2672	1256	669	2580	"	"	"	"	—	—	
	2767	1326	670	2490	"	"	"	"	—	—	
	2862	1358	671	2572	"	"	"	"	—	—	Corrected File count
	2957	1429	672	2462	"	"	"	"	—	—	at 3005
	3052	1502	673	2394	"	"	"	"	—	—	
	3147	1533	674	2285	"	"	"	"	—	—	
	3241	1602	675	2325							
	3336	1635	676	2225				5.5			CHANGE DELAY TO 5.5 SEC.
	3431	1707	677	2279							*DEPTH WRONG SHOULD BE 2179
	3526	1740	678	2185							
	3621	1810	679	2266	"	"	"	"	"	"	
	3715	1842	680	2353							680 RECORDED ON TAPE AS 670
	3811	1914	681	2448							
	3906	1945	682	2493							
	4000	2017	683	2542	"	"	"	6.5	"	"	Trip Delay changed to 6.5 (4003)
	4094	2049	684	2639							minute delay to 6ms
	4187	2120	685	2710							1 Shot missed @ start of tape
	4281	2151	686	2727							
	4376	2223	687	2735							
	4470	2255	688	2738							
	4564	2326	689	2486							Shot 4525; minute delay 5.05 sec
	4658	2357	690	2310							

RECORDING LOG

14

R/V ROBERT D. CONRAD

Antillies East

DFS IV

Cruise: 1904

Format: Seq B

Line: 12

BPI: 800

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L	Trip Del.	O/D	P/E	Comments
6 Dec 75	4753	0028	691	2473	20	4ms	12s	6.5	-	-	
	4852	0101	692	2498	"	"	"	"	-	-	Missed 4 shots in clumpover.
	4947	0133	693	2500	"	"	"	"	-	-	updated file count 4858
	5042	0205	694	2485	"	"	"	"	-	-	
	5137	0236	695	2400	"	"	"	"	-	-	
	5232	0308	696	2368	"	"	"	"	-	-	5317 changed Trip Del.
	5327	0340	697	2340	"	"	"	5.5			to 5.5 + Ray to 4.0 sec
	5423	0411	698	2068							DEPTH ENTERED AS 2468
	5517	0443	699	2004	20	4	12	5.5			update file # by 1 at 5330
	5612	0514	700	1954							
	5636	0523									GUNS STOPPED
	5651	0527									KILL RECORDING ON MAG TAPE
	5698	0544									GUNS ON - START RECORDING
	5753	0602	701	1875							GUN #2 NOT OPERATIONAL
				1845							LOST 5 SHOTS WHEN
	5858	0636	702	1845							TPX2 HUNG UP
		0642									UPDATE FILE COUNT
	5952	0708	703	1818							
	5966				"	"	"	4.5	"	"	CHANGE TRIP DELAY
	6046	0739	704	1766							Gun #2 out
	6140	0811	705	1715							"
	6234	0843	706	1690							"
	6328	0914	707	1595							"

RECORDING LOG

R/V ROBERT D. CONRAD

Cruise: 19-04

Line: 12

Antilles East

DFS IV

Format: Seq B

BPI: 800

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L	Trip Del.	O/D	P/E	Comments
6 Dec 75	64227	0946	708	1543	30	4.5	1250	4.5	-	-	Preheat mind one shot (6422) a
"	6517	1016	709	1625	"	"	"	"	-	-	Gun #2 Struck out recharge
"	6612	1049	710	1450	"	"	"	4.0	-	-	Gun #2 in water - firing shot 6574
"	6706	1128	711	1364				4.0			Charge delay -
"	6799	1151	712	1305	"	"	"	"	"	"	
"	6894	1221	713	1268	"	"	"	3.0	"	"	
	6988	1253	714	1214	"	"	"	"	-	-	
	7083	1325	715	1131	"	"	"	"	-	-	
	7177	1356	716	1101	"	"	"	"	-	-	
	7272	1428	717	1075	"	"	"	"	-	-	
	7366	1459	718	1011	"	"	"	"	-	-	
	7461	1531	719	965	"	"	"	"			
	7555	1602	720	930							
	7650	1635	721	888							
	7745	1701	722	925							
	7839	1737	723	922							
	7931	1809	723	955							
	7948	1818	724	955							
	8038	1844	725	1012							
	8132	1914	726	942							
	8226	1945	727	932							
	8320	2018	728	939				3.1			
	8414	2050	729	959				+			

OVER
WRITTENGUN DELAY TO 2 SEC.
RAYTRON DELAY TO 1 SEC

OVERWRITTEN

723OFF CHANGED OVER MISSED
724 ON* MASTER DELAY
+ 1.0 SECS

950

RECORDING LOG

16

R/V ROBERT D. CONRAD

DFS IV

Cruise: 1904

Format: Seq B

Lines 12 Antilles East - 13

BPI: 800

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L.	Trip Del.	O/D	P/E	Comments
6 Dec 75	8508	2121	730	988	20 ^{SEC}	4msec	12SEC	3.1	-	-	
"	8602	2152	731	1030	"	"	"	"	+	-	
"	8696	2223	732	1078	"	"	"	"	-	-	Gun #1 out ~ shot 8750?
"	8791		733	1137	"	"	"	"	-	-	→ 1255 Compression 871 -
Re-start	8803	2300	733 ⁴	"	"	"	"	"	-	-	Lost shot probably 8785?
	8891	2329	734	1157	"	"	"	"	-	+	Gun #1 in 91 at 8798 - will be
7 Dec 75	8986	2459	735	1210	20	4 ms	12sec	4.1	-	-	First shot at Tape #33
	9080	0031	736	1238	"	"	"	"	-	-	Comp on top
	9175	0102	737	1279	"	"	"	"	-	yes	Updated File #9082
	9270	0134	738	1295	"	"	"	"	-	-	
	9365	0206	739	1297	"	"	"	"	-	-	
	9459	0237	740	1299	"	"	"	"	-	-	
	9554	0309	741	1301	"	"	"	"	-	-	
	9649	0341	742	1302	"	"	"	"	-	yes	S.C. errors at end of 741
	9744	0412	743	1305							
	9840	0444	744	1307	20	4ms	12	4.1	-	-	GUNS DIDN'T FIRE BECAUSE OF
	9854										SHOT 59
END LINE 12	9863	0452	744								A.C. 133 - 0452 - SH 4263
BEGIN 13	0000	0535	745	1200							* END LINE 12 -
LINE 13	0095	0607	746	1168							START LINE 13 - MISSED 1ST 4 SHOTS
	0191	0638	747	1122	"	"	"	"	"	+	MISSED A SHOT AT START...
	0286/292	0710	748	1134							MISSED 285
	387	0744	749	904							

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DFS IV

Format: Seg B

BPI: 800

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L	Trip Del.	O/D	P/E	Comments
7 DEC 75	0481	0816	750	0919	SC 20	4ms	1252	4.1			SP 0522-0829; change delay to 3.5
"	0522	0829	"	0745	"	"	"	3.5			
"	0576	0846	751	0745							
"	0670	0919	752	636	"	"	"	3.5			
"	0765	0950	753	680	"	"	"	"			
"	0860	1022	754	619							
"	0875	1028	754					3.1			Shot 0875 - Reduce delay to 3.1 sec.
"	0955	1054	0755	572							
"	1049	1125	756	522							Shot 1000 Reset counter 1130 C/C to 055° in slow main track START LINE 19
<u>End Line #13</u>											
<u>Begin Line #14</u>											
"	1114	1146	756	<500				2.6			Change delay to 2.5
"	1144	1156	757	439	"	"	"	"	-	-	
	1238	1227	758	325	"	"	"	"	-	-	
	1333	1259	759	262	"	"	"	"	-	-	
	1427	1330	760	218	"	"	"	"			→ DELT B = 2000
	1522	1403	761	145							(1490) + 1 sec Master gun delay/s
	1789	1531	762	340							
	1790	1603	763	542							1420 compressor down 1420 tape off at SP 1595
	1979	1634	764	755							Compressor on 15.24 SP = 1768 &
	S	S	S	S							

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DFS IV

Format: SEG B

BPI: 800

[illegible]

RECORDING LOG

R/V ROBERT D. CONRAD

DFS IV

Cruise: 19-04

Format: SEG-B

Line: 14

BPI: 800

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L	Trip Del.	O/D	P/E	Comments
8 Dec 1978	3949	0331	783	1410	20	4	12	4.5	-	-	Missed 22 shot points
	4044	0403	784	1412	"	"	"	"			
	4137	0433	785	1472	20	4	12	4.5	-	-	
	4233	0506	786	1560	"	"	"	"	-	-	
	4322	0532	787	1640							
				1587							Missed 6 shots COMP DOWN - OFF - 0606
	4804	0817	788	1758							Compressor on - Restart all
	4898	0847	789	1850				4.5			Monitor delay to 3.0 sec from 2.0
	4993	0919	790	1855	20	4	6	6.1			Change trip by 1.5 from 4.5
	5087	0951	791	1892							Shot 5002 file count reset
	5181	1022	792	2010				6.1			
	5275	1054	793	2082							Monitor delay changed to 4.5 from 4
	5369	1126	794	2134				7.1			Change Trip delay to 7.1 / SP 5369
	5463	1156	795	2230							Compressor change over at SP 5480
	5584	1236	796	2350							5508 on line
	5678	1308	797	2295							Reset counters at 5512
	5772	1339	798	2362							TAPE ID may be wrong
	5866	1410	799	2227							on 798, 797
	5961	1442	800	2560							
	6056	1513	801	2566							
	6150	1546	802	2742							
	6243	1615	803	2820	20	H.M.S	12 SEC	7.1 SEC			
	6339	1647	804	2812							

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Toile

R/V ROBERT D. CONRAD

Cruise: 19-04

Line: 14 / 15

14 = Antilles East

15 = E. Caribbean Transect

= E. Carib. Trans.

RECORDING LOG

DFS IV

Format: SEGB

BPI: 800

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L	Trip Del.	O/D	P/E	Comments
8 DEC 1975	6433	1718	805	2810	20	4 sec	12	7.5	-	-	CHANGE MONITOR DELAY TO 6.0 TRIP DELAY TO 7.5
	6531	1752	806	2812				7.5			
	6625	1823	807	2799				8.5			DELAY TO 8.5
	6719	1854	808	2805							
	6814	1926	809	2820							
	6870	1945	809	?							END LINE 14. STOP
START LINE 15	—	—	—	—	—	—	—	—	—	—	RECORDING DATA
8 DEC 75	0000	2102	810	2862 2862	205	4 sec	125	8.5	-	-	First shot (60 = 0, then 1 and ff
	0094	2135	811	2857	"	"	"	8.5			Trip delay increases to 8.5 sec
	0188	2206	812	2868	"	"	"	"			Top of 1st shot 0094 (Pos on 7.1)
	0282	2237	813	2868							
	0376	2309	814	2795							
	0470	2340	815	2678	"	"	"	"			
	0498	2349	"	2565	"	"	"	"			Change delay to 7.5 sec.
9 Dec 75	564	0011	816	2565				7.5			
	659	0042	817	2510							
	753	0114	818	2428							0146 changed
	847	145	819	2430							Course to 255°
	941	0216	820	2368							Compressor off at 219 ^{SP}
	1077	0302	821	2222				6.5			Tape off at 226 ^{SP}
	1171	0333	822	2094							Tape on ^{SP} back at 0238
	1265	0404	823	2122							Course change to 205° at 0300

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SP 2940
SP 264

RECORDING LOG

R/V ROBERT D. CONRAD

15° E. CARIBBEAN TRANSECT

DFS IV

Cruise: 19-04

Format: SEG B

Line: 15

BPI: 800

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L	Trip Del.	O/D	P/E	Comments
9 DEC. 75	1358	0436	824	2104	205	4 ms	125	6.5			
	1452	0507	825	2080				"			
	1548	0539	826	1850	205	4 ms	125	6.1			CHANGE MONITOR TRIP TO 7.5 CHANGE TRIP DELAY TO 6.1
	1642	0610	827	1758							
	1736	0641	828	1743	"	"	"	"	-	-	
	1756	0648	829	1715							START 829, TAPE 828 GETTING EXCESSIVE PARITY ERRORS - ETPX
	1850	0719	830	1768							
	1945	0751	831	1770	"	"	"	"	-	-	Reset file count @ 2000
	2039	0821	832	1858	"	"	"	"	-	-	
	2133	0852	833	1858	"	"	"	"	-	-	
	2231	0923	834	1970	"	"	"	"	-	-	Last shot point 2238 - 2230/240
	2325	0957	835	2007	"	"	"	"	-	-	
	2419	1028	836	2160	"	"	"	"	-	-	~1015 guns 1+2 both out.
	2413 ⁺	1100	837	2150	"	"	"	"	-	-	Reset file count - 2405
	2608	1131	838	2228	"	"	"	"	-	-	0.1 d net trip on 2414-15; Monitor trips to 4.0 - shot 2583 TPX-1 must have missed shot
	2702	1204	839	2266	"	"	"	"	-	-	
	2795	1236	840	2010	"	"	"	"	-	-	
	2890	1306	841	1995	"	"	"	"	-	-	gun # 1 on at 13:10
	2984	1337	842	2150	"	"	"	"	-	-	
	3080	1409	843	1940	"	"	"	"	-	-	
	3173	1440	844	2000	"	"	"	"	-	-	
	3267	1512	845	2230	"	"	"	"	-	-	
✓ 3455	3362	1543	846	2185	"	"	"	"	-	yes	

RECEIVED

RECORDING LOG

R/V ROBERT D. CONRAD

Cruise: 1904

Line: 15

East Caribbean Transcat

DFS IV

Format: Seq B

BPI: 800

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L	Trip Del.	O/D	P/E	Comments
9 DEC 75	3456	1615	847	2110	20 SEC	4 ms	12 SEC	6.1 SEC			ALL VALUES ARE IN OHMS UNLESS OTHERWISE IND.
"	3550	1645	848	2045							
"	3644	1717	849	2050							
"	3738	1748	850	2006							
"	3832	1720	851	1955							
"	3925	1851	852	1995							
"	4019	1922	853	1932							
"	4112	1953	854	1820				6.1			
"	4163		854					5.1			Trip now 5.1; from 3.0
"	4206	2024	855	1666	"	"	"	5.1			
"	4200	2055	856	1695				"			
"	4394	2126	857	1654				"			
"	4488	2158	858	1650				"			
"	4582	2230	859	1627				"			
"	4675	2300	860	1560				"			
"	4768	2331	861	1492				"			Oscillograph shut down - 'Expansion' burn smelt
10 Dec 75	4863	0003	862	1458							
	4958	0035	863	1413							
	5052	0108	864	1420							
	5147	0137	865	1395							
	5242	0210	866	1345							
	5336	0242	867	1520						YES	
	5431	0313	868	1344			SP 5500	4.1			Changed course at 0300 to 253°

RECORDING LOG

R/V ROBERT D. CONRAD

Cruise: 19-04

Line: 15

East Caribbean Transact

DFS IV

Format: Seq B

BPI: 800

23

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L.	Trip Del.	O/D	P/E	Comments
10 Dec 75	5530	3 45	869	1243	20	4 ms	12 sec	4.1			
	5619	0416	870	1222	20	4 ms	12 sec	4.1	-	-	
	5713	0442	871	1187	"	"	"	"	"	"	
	5808	0518	872	1152	"	"	"	"	-	-	
	5902	0550	873	1090	"	"	"	"	-	-	
	5997	0621	874	1054	"	"	"	"	-	-	
	6098	0654	875	1017							
	6184	0724	876	965	"	"	"	3.1	-	-	MONITOR DELAY TO 1.0 SEC TRIP DELAY TO 3.1
	6278	0755	877	895	"	"	"	"	-	-	
	6372	0827	878	790							
	6466	0858	879	712	"	"	"	"	-	-	
	6560	0930	880	645	"	"	"	"	-	-	Garbage
	6466	0858	879	790							
	✓6560	0930	880	645							
	✓6654	1001	881	515							6656 - Monitor to 0.5 sec delay
	6694	1015	881	4500							Delay now 2.5 from 3.1
	✓6748	1032	882	435							
	✓6842	1104	883	541							
	✓6938	1135	884	905							6983 - Monitor delay to 1.5 sec
	7002	1157									c/c 300' to avoid seabirds
	7002	1157									c/c 270 (original course)
	✓7032	12:10	885	1075				4.5			
	7127	12:38	886	1146							

RECORDING LOG

24

R/V ROBERT D. CONRAD

Cruise: 1904

Line: 15

East Caribbean Transact

DFS IV

Format: Sg D

BPI: 800

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L.	Trip Del.	O/D	P/E	Comments
10 Dec 75	7222	1310	887	1355	20	4ms	12sec	4.5	—	—	
	7317	1342	888	1438				5.5	—	—	
	7412	1413	889	1475					—	—	
	7507	1445	890	1515					—	—	
	7566	1506									Compressor off
	7671	1541									Compressor on
	7702	1551	891	1556	20	4ms	12sec	5.5			
	7801	1623	892	1558							
	7896	1654	893	1560							
	7990	1725	894	1560							
	8084	1757	895	1565							
	8178	1828	896	1570							
	8273	1900	897	1568							
	8367	1931	898	1570	"	"	"	"	"	"	8461
	8467	2005	899	1553							Missing 8461-8466 mTPX7 Xfr
	8561	2026	900	1560							
	8655	2103	901	1558							
	8749	2140	902	1552							
	8843	2211	903	1553							
	8937	2242	904	"	"	"	"	"	"	"	
	9011		905	1564							reset file counter
	9032	2314	905	1564							
↓	9127	2345	906	1573	"	"	"	"	"	"	

RECORDING LOG

R/V ROBERT D. CONRAD

Cruise: 19-04

Line: 15

EAST CARIBBEAN TRANSECT

DFS IV

Format: Seq B

BPI: 800

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L	Trip Del.	O/D	P/E	Comments
Dec 11 75	9221	0018	907	1570	20	4	12	5.5			
	9314	0047	908	1570						yes	
	9414	0118	909	1568							Lost 3 SP's in chugover
	9508	0152	910	1567						yes	
	9603	0224	911	1567							TP 909 wrong ID# on tape
	9698	0256	912	1565							
	9793	0327	913	1435				5.1			SP 9857 - 5 sec from TP start
	9888	0358	914	1356							Comp at 800 FS.1.
	9982	0430	915	1295	"	"	"	4.5	-	-	CHANGE TRIP DELAY TO 4.5 SEC.
	10076	0501	916	1282							
	10166	0533	917	1224							
	10263	0604	918	1120				3.5			A/C 270° AT 0600 TRIP DELAY TO 3.5
	10358	0635	919	1026							MONITOR DOWN 0620
	10453	0707	920	1053	"	"	"	"	-	-	MONITOR BACK ON LINE-0650
	10553	0740	921	973	"	"	"	"	-	-	10547-9800 OFF SWITCHED ON ASSORTED. Lost 10 shots
	10647	0812	922	899				3.5			Delay input on format 10 min.
	10741	0844	923	876							10764 corrected to 3.5. Possibly wrong since 0430?
	10835	0915	924	840	"	"	"	"			Monitor delay to 1.5 from 2.0 SEC
	10929	0946	925	810							
	11000	1010	926								rest file counts
	11023	1017	926	800							
	11117	1050	927	800	"	"	"	"	"	"	
	11212	1121	928	800							

RECORDING LOG

R/V ROBERT D. CONRAD

Cruise: 19-04

Line: 15

EAST CARIBBEAN TRANSECT

DFS IV

Format: *See B*

BPI: *800*

26

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L.	Trip Del.	O/D	P/E	Comments
11 Dec 1975	11306	1152	929	748	20cm	4ms	125	2.5 sec			
	11401	1223	930	712							
	11496	1254	931	732							Wrong TP ID #
	11591	1320	932	788							
	11685	1358	933	805							
	11780	1428	934	824						yes	
	11875	1501	935	784							
	11970	1533	936	702							Reset File # at 12029
	12065	1604	937	635							
	12093	1614	937	-				2.5			CHANGE T.D. TO 2.5 SEC -
-7	12133	1627									MONITOR DELAY TO 0 -
	12160	1636	938	253							GUNS TO 3.00
	12254	1708	939	327							GUNS TO 2.000 AT 12328
	12349	1739	940	880	1.	"		3.5			12348 - 3.5 sec TD TO 3.5 MON 1700 TO 2.0
	12444	1810	941	943							
	12539	1842	942	1124							
	12634	1913	943	1162							
	12729	1945	944	1280				4.5			TD TO 4.5
	12823	2018	945	1380							12823 - Monitor to 3.0
	12918	2055	946	1452				4.5			12919 - T.D. to 5.5
	13000	2117	"								Reset file at 13000
	13012	2121	947	1480				5.5			
	13060		"					5.0			TD to 5.0

RECORDING LOG

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R/V ROBERT D. CONRAD

DFS IV

Cruise: 19-04

Format: Seq B

Line: 15

East Caribbean Trench

BPI: 800

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L.	Trip Del.	O/D	P/E	Comments
11 Dec 75	13106	2152	948	1337	205	4ms	125	5.05			13121 m. oscillograph lost - paper of comment.
"	13200	2225	949	1560	"	"	"	"			
"	13294	2255	950	1635	"	"	"	5.15			
"	13388	2331	951	1720	"	"	"	6.1			Change TD to 6.1 Change monitor delay to 4.0
"	13482	2358	952	1764	"	"	"	6.1			
12 Dec 75	13577	0028	953	1785	"	"	"	"			
	17671	0100	954	1813	"	"	"	"			
	13765	0131	955	1840	"	"	"	"			
	13859	0202	956	1864	"	"	"	"			
	13953	0233	957	1884	"	"	"	"			Set file # at 14014
	14047	0305	958	1902	"	"	"	"			
	14141	0336	959	1917	"	"	"	"			
	14235	0407	960	1930	"	"	"	6.1	-	-	
	14329	0439	961	1934							
	14423	0511	962	1951	"	"	"	"	-	-	
	14517	0542	963	2004	"	"	"	"	-	-	
	14611	0613	964	1985							
	14705	0644	965	1980							
	14799	0716	966	1990							
	14893	0747	967	2004							
	14987	0818	968	2011							SET FILE # @ 15023
	15081	0850	969	2035							
✓	15175	0921	970	2054							

$$\begin{array}{c} A \\ \vdash \\ S \\ T \end{array} \cup \begin{array}{c} A \\ R \\ I \\ B \\ O \\ C \\ E \\ N \end{array} \text{ --- } \begin{array}{c} R \\ A \\ B \\ L \\ I \\ T \\ Y \end{array}$$

Line: 15

BPI:

Comments

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L.	Trip Del.	O/D	P/E	Comments
12 Dec 75	15269	0954	970	2197	205	4ms	125	6.15			change delay to 7.1 sec.
"	15363	1023	972	2211	"	"	7.1	"			1000 o/c to 269° from 273°
"	15457	1055	973	2101	"	"	"	"			AT 15364 mm to 5 sec delay
"	15551	1126	974	2110	"	"	"	"			
"	15645	1158	975	2080	"	"	"	"			Verify IP ID # ↑?
	15737	1229	976	2079	"	"	"	"			
	15834	1301	977	2150	"	"	"	"			
	15928	1333	978	2225	"	"	"	"		1/2 S	
	16022	1403	979	2228	"	"	"	"		"	
	16116	1435	980	2265	"	"	"	"		"	
	16218	1506	981	2296	"	"	"	"			
	16305	1538	982	2284							c/c 331
	16399	1609	983	2275							
	16450	1625	983								DFS IV DOWN. POWER FAIL
											MISSED 5 SHOTS
											ALL OK
			982								
	16531	1642	984	2452							
	16625	1714	985	2524							
	16686	1745	986	2550							
	16780	1816	987	2550							
	16874	1847	988	2550							Removing wear shapers on
	16968	1920	989	2550							all guns — one shot fired

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DFS IV

Format: SEG B

BP1: 800

[illegible]