

Line: 67

RECORDING LOG  
MCS

BPI: 800

①

[illegible]

R/V ROBERT CONRAD

Cruise: 2021-01

Line:

68

RECORDING LOG  
MCS

DFS IV

Format: Seg B

BPI: 800

Date	Tape #	Shot Point #	Time	Trip Delay	Depth	Pop Rate	Samp. Rate	Rec. L.	Comments
SEP 16 1977	3578	001	1922	0.0	438 FM	20	4MS	12	Start Line 68
	3579	088	1951	0.0	995				
	3580	179	2022	0.0	866				Forgot to advance tape ID until near end of tape.
	3581	266	2052	0.0	648-750				A/C 280°
			2109						
	3582	357 <sup>-444</sup>	2123	0.0	620				
	3583	<del>444</del> 448	2153	0.0	<del>534</del> 454				Tap - 1 Tape deck hung up - missed 4 shots
	3584	539	2225	0.0	608				
	3585	626	2255	0.0	376				
			2312						guns 1+4 out - Compressor trouble
			2324						guns 1+4 on again
	3586	716	2325		236				
	3587	803	2355		193				
9/17/77	3588	894	0026		124				
	3589	981	0056		67				
	3590	1073	01:27		51				
	3591	1161	01:57		46				
		1251	02:29						end line 68, begin turn

R/V ROBERT CONRAD

Cruise: RC21-01

Line: 69

RECORDING LOG  
M C S

DFS IV

Format: Seq B

BPI: 800

Date	Tape #	Shot Point #	Time	Trip Delay	Depth	Pop Rate	Samp. Rate	Rec. L.	Comments
SEP 17 1971	3592	001	3:20	0.0	41 f.	20	4ms	12	file count begin 254
	3593	92	3:42	0.0	42 fm.	"	"	"	Begin line 69 - note first shot of tape 3592 may be wrong
	3594	179	04:11	0.0	43 fm.	20	4ms	12	compare from line 68 at 141 Press DFS
	3595	270	04:42	0.0	43 fm.	11	11	11	
	3596	358	05:12	0.0	45 fm.	11	11	11	
	3597	450	05:44	0.0	45 fm.	20	4ms	12	
	3598	537	06:14	0.0	45 fm.	11	11	11	
	3599	629	06:45	0.0	47 fm.	11	11	11	
	3600	717	07:15	0.0	48 fm.	11	11	11	
	3601	809	07:44	0.0	50 fm.				<del>gun</del> GUN #3 out
	3602	896	08:16	0.0	51 f.				Note: started changing course at beginning of tape 3602
	<del>08</del>		<del>08:48</del>						end line 69
	<del>3603</del>		08:48						begin line 70
	3603	001	08:48	0.0	49	20	4ms	12 sec	Note: First shot is incorrect 2nd is OK
	3604	0087	09:17						20913 - Gun 3 OK now.
	3604	0089			45		Note		Removed sections 1, 3, 5, - - - 45, 47 from input to DFS IV. Left other sections
	3605	178	09:48	0.0	41				missed shot 264
	3606	265	10:18	0.0	42				
	3607	356	10:49	0.0	42				
	3608	443-447	11:18	0.0	40				Missed 4 shots - TX1 hang up.

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RECORDING LOG  
MCS

BPI: 500

[illegible]

Line: 71

RECORDING LOG  
MCS

DFS IV

Format: *seg 13*

BPI: RCD

⑤

[illegible]

R/V ROBERT D. CONRAD

Cruise: RC 21-01

Line: 72

RECORDING LOG  
MCS

DFS IV

Format: SEB-B

BPI: 800

Date	Tape #	Shot Point #	Time	Trip Delay	Depth	Pop Rate	Samp. Rate	Rec. L.	Comments
9/17/77	3627	1	2253	0	54 F	10.1	4ms	6	Two air guns - 46 in <sup>2</sup> WSKs
	3628	163	2321	0	49				
	3629	334	2351	0	48				
	3630	530	0025	0	46	"	"	"	Missed <sup>shots</sup> 495-529 due to TPX1 fault
	3631	701	0055	0	48	"	"	"	
	3632	865	0124	0	51	"	"	"	
	3633	1035	0154	"	57	"	"	"	
		1145							trouble with gun #1 - possible noise on tape
									shots 1145-1150. Then gun #1 turned off
	3634	1196	02:22	0.0	55	10.1	4ms	6	
		1205							gun #1 returned to action
		1343?	2:45						Ship system power failure
		reset to 0000							
	3635	0015	3:01						well dropped to below 100 ft.
		0047							shots 15-47 unmeaningless
SEP 18 1977	3635	0001	3:45	0.0		10.1	4ms	6	3635 rebound - begin over
	3636	162	04:13						shot counter reset to 0000
	3637	332	0442	0.0	47 F				
SEP 18 1977	3638	493	0510	0.0	48 F	10.1	4ms	6	
	3639	663	0541	0.0	47 F	10.1	4ms	6	

R/V ROBERT D. CONRAD

Cruise: 21-01

Line: 72

## RECORDING LOG

MCS

DFS IV

Format: Seg B

BPI: 800

Date	Tape #	Shot Point #	Time	Trip Delay	Depth	Pop Rate	Samp. Rate	Rec. L.	Comments
SEP 18 1977	3640	825	0610	-0-	47F	10.1	4ms	6ms	TPX-1
	3641	996	0639	-0-	45F	10.1	4ms	6ms	
	3642	1158	0708	-0-	43F	10.1	4ms	6ms	
	3643	1329	0737	0.0	44F	"	"	"	
	3644	1491	0801		45F				missed 1 shot. Tape ID not
	3645	1660	0835	0	47				advanced until shot 1563 TPX-2
	3646	1821	0903		48				TPX-2
	<del>3647</del>	<del>1992</del>	last shot on tape 3646 = ~1980.						Note: we are changing back to
									12 sec record, 20 second pop rate
									and normal eel channel connection
	3647	2037	0947	0	49F	20	4ms	12000	continue line 72 with above
		2070	Back to 4 guns.						changes. Guns 1+4 to start.
	3648	2124	1016		49	20	4		Note: Gun 2 has ~ 4 or 5 ms fire after
	3649	2161			52F				noting wrong TPX turned off - started
	3650	<del>2248</del> 2251	1059	0	missed	3 shots	5 due	tape fault	new tape. Missed <del>shots</del> 38 shots
	3651	2343	1131		52F				
		2428	1200						at 2427
									end of tape 3651 - lost shots 2428-2435
	3652	2436	1203	0.0	53	10.1	4ms	6ms	TPX-1 faulty
	3653	2527	1234	"	53	"	"	"	
	3654	2614	1303	"	56	"	"	"	

Line: 72

RECORDING LOG  
MCS

BPI: 800

⑧

[illegible]



R/V ROBERT D. CONRAD

Cruise: R021-01

Line: 73

## RECORDING LOG

MCS

DFS IV

Format: Seq-B

BPI: 800

⑨

Date	Tape #	Shot Point #	Time	Trip Delay	Depth	Pop Rate	Samp. Rate	Rec. L.	Comments
SEP 18 1977	3657	001	0558	0.05	554F	20B	4ms	12ms	TPX 2
	3658	88	0625	0.0	593				
	3659	179	0657	0.0	844	20B	4ms	12ms	100 GAIN to 36db MX (initial gain)
	3660	267	0727	0.0	946	"	"	"	change GAIN to 24db MX.
	3661	359	0758	0.0	1084	"	"	"	
	3662	446	0828	2.0	1164	"	"	"	Change delay to 2 sec at shot 4407
	3663	537	0901	2.0	1209				Note: Delay switch mis taken by set to 0002 ms. Act shot 992, corrected to 2000 ms setting.
	3664	624	0931	2.0	1287				
	3665	715	1002	2.0 s	1300				
	3666	802	1031	2.0	1328				
	3667	893	1102		1327				
	3668	980	1132		1332				
	3669	1071	1204	"	1345	"	"	"	Missed shot 1070
	3670	1157	1233	"	1395	"	"	"	
	3671	1249	1304	"	1406	"	"	"	
	3672	1336	1334	"	1428	"	"	"	
	3673	1427	1405	"	1456	"	"	"	
	3674	1514	1434	2.0 s	1465	20s	4ms	12ms	
	3675	1605	1505	"	1482	"	"	"	Radio noise interference from approx 15:05 to 15:25 may have affected data
	3676	1693	1535	"	1496	"	"	"	

Line: 73 + 74

RECORDING LOG  
MCS

BPI: 800

[illegible]

R/V ROBERT D. CONRAD

## RECORDING LOG

MCS

Cruise: C21-01 NY-Bermuda

Line: 74

DFS IV

Format: SGB

BPI: 800

Date	Tape #	Shot Point #	Time	Trip Delay	Depth	Pop Rate	Samp. Rate	Rec. L.	Comments
9/19/77	3690	0001	2315	2000	1626	20s	4ms	12000ms	Course 263°
	3691	92	2346		1631	20			
9/20/77	3692	179	0016	2000ms	1800	20s	4ms	12000ms	
	3693	270	0047	"	1680	"	"	"	
	3694	357	0116	"	1574	"	"	"	
			0134						begin Sonobuoy no. 6 (aux. channel) 3
	3695	448	0147	"	1556	"	"	"	apparently a very good sonobuoy
	3696	535	0217	"	1550	"	"	"	
	3697	627	0249	"	1547	"	"	"	
	3698	715	0319	"	1547	"	"	"	
	3699	806	0350	"		"	"	"	
	3700	893	0418		1548				et sp 849
	3701	984	0451		1548				
	3702	1071	0520	2000ms	1548	20s	4ms	12000ms	
	3703	1153	0552	"	1550	"	"	"	
	3704	1250	0621	"	1550	"	"	"	
	3705	1341	0652	"	1550	"	"	"	
	<del>3706</del>	<del>1428</del>	<del>0720</del>		<del>1600</del>				END LINE #74 SP 1427
		END LINE 74							
		SP 1428							

R/V ROBERT D. CONRAD

Cruise: RC21-01 NM BERMUDA

Line: 75

RECORDING LOG  
MCS

DFS IV

Format: Seq B

BPI: 800

Date	Tape #	Shot Point #	Time	Trip Delay	Depth	Pop Rate	Samp. Rate	Rec. L.	Comments
SEP 20 1977	3706	001	0801 <del>0803</del>	2000	1551 F	20 S	4 MS	12000 S	Course 132° Guns 1+2 only
	3707	~91	0831	2000	1561				Forgot to copy shot # at tape change
			0858						Guns 3+4 back on.
9/20/77	3708	181	0905	2000	1578				messed shot 180 - TPX1 fault.
	3709	270	0934	2000	1586				
	3710	357	1004	2000	1591				
	3711	449	1035	2000	1605				
	3712	536	1105	2000	1608				
	3713	628	1137	2000	1630				
	3714	715	1206	3000	1641	"	"	"	
	3715	808	1238	3000	1653	"	"	"	
	3716	896	1308	"	1668	"	"	"	
*			1322						Sonobuoy 7 on aux. Channel 3
	3717	989	1340	"	1687	"	"	"	
	3718	1077	1410	"	1709	"	"	"	
	3719	1170	1442	3000	1743	"	"	"	
	3720	1258	1512	"	1762	"	"	"	
*			1337						Sonobuoy 8 launched (aux. Channel 3)
	3721	1351	1543	3000 <sub>ms</sub>		20 S	4 ms	12000 <sub>ms</sub>	
	3722	1439	1614	3000		20 S	4 MS	12000	

R/V ROBERT D. CONRAD

Cruise: RE 21-01 N.Y. BERMUDAS

Line: 75

## RECORDING LOG

MCS

DFS IV

Format: SLB

BPI: 800

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Date	Tape #	Shot Point #	Time	Trip Delay	Depth	Pop Rate	Samp. Rate	Rec. L.	Comments
SEP 20 1976	3723	1531	1644	3000ms	1863 <sup>F</sup>	20S	4MS	12000	+Dx2
	3724	1620	1714	3000	1897	"	"	"	
	3725	1722	1749		1941				missed 9 shots due bad roll of tape
	3726	1810	1819	3000	1946	"	"	"	
	3727	1903	1850	"		"	"	"	
	3728	1992	1921	"	2043	"	"	"	
	3729	2085	1954	"	2103	"	"	"	
			2015						lost two depth sensors indicate eel is floating towards end.
	3730	2173	2024		2125				Note: lost 8 frames (changed 1 thru 8 very noisy because of this.
	3730	2238	2046	lost shot - eel NGr.					
	=								
SEP 21 1976	3731	001	1520	3000ms	2215	216S	4ms	12000	begin again on line 75
		017		3000ms		20S			change firing rate back to 20S.
	3732	89	1548	"	2224				
		102		4000ms					increase delay to 4, sec.
	3733	182	1621	"	2236	"	"	"	
	3734	270	1651	"	2246	"	"	"	
	3735	362	1722		2254	"	"	"	

R/V ROBERT D. CONRAD

Cruise: C21-01

Line: 75

## RECORDING LOG

MCS

NE Continental Rise

DFS IV

Format: SEGB

BPI: ~~800~~ 800

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Date	Tape #	Shot Point #	Time	Trip Delay	Depth	Pop Rate	Samp. Rate	Rec. L.	Comments
9/21/77	3736	449	1751	4000		20S	4ms	12000ms	
	<del>3737</del>	542	1824	"	2265	"	"	"	
	3738	630	1853	"	2271	"	"	"	TPX 1
	3739	723	1925	"	2278	"	"	"	at SP 708 Guns #4,3 OFF
	3740	812	1955		2285				at SP 750 Guns #4,3 BACK ON
	3741	904	2027		2294				~S.P. 870 Gun #1 quit firing
		970	2050						Gun #1 back up working again
			2050						A/C 150°
	3742	992	2057		2304				
	3743	1085	2128		2308				
	3744	1175	2200	Not sure what	2319	lost and 1294 at			lost several shots due TPX 1 fault
			2150						A/C 138°
			2230						A/C 130°
	3745	1267	2231			20S	4ms	12000ms	
	3746	1355	2301		2344				
	3747	1447	2332		2344				
9/22/77	3748	1536	0002	4000	2352	20S	4ms	12000ms	
			00:00						course change to 126°
	3749	1628	00:34	"	2370	"	"	"	
	3750	1716	01:04	"	2383	"	"	"	

R/V ROBERT D. CONRAD

Cruise: RC21-01

Line: 75

RECORDING LOG  
MCS

N.E. CONTINENTAL RISE

DFS IV

Format: SEG B

BPI: 800

(15)

Date	Tape #	Shot Point #	Time	Trip Delay	Depth	Pop Rate	Samp. Rate	Rec. L.	Comments
SEP 22 1977			1:30						A/c to 150° 115°
	3751	1808	1:35	4000 ms	2387	20 s.	4 ms.	12000 ms.	
	3752	1896	2:05	"	2394	"	"	"	
			2:08						
	3753	2003	2:42	"	2396	"	"	"	Compressor failure - 4 guns now
	3754	2091	3:12	"	2426	"	"	"	firing under lower pressure (950)
	3755	2184	3:43	"		"	"	"	- may have missed shots during failure
	3756	2271	4:13						
	3757	2364	04:45	"	2430	"	"	"	TPX 2: Last two depth indicators
	3758	2452	05:15	"	2418	"	"	"	EGL is floating. last 9 traces very
	3759	2545	05:46		2421				noisy because of this
	3760	2633	06:16	"	2416	"	"	"	at 05:36 A/c 232°
SEP 22 1977	3761	2726	06:53	"	2410	"	"	"	
	3762	2814	07:18	"	2379				
	3763	2907	07:50	"	2379	"	"	"	TPX 2
	3764	2995	08:20		2373				
	3765	3087	08:52		2371				
	3766	3175	09:22		2370				
	3767	3267	09:53		2371				
	3768	3355	10:23	✓	2372		✓	✓	

Line: 75

## NE Continental Rise

BPI: 800

[illegible]



R/V ROBERT D. CONRAD  
Cruise: C 21-01  
Line: 76

RECORDING LOG  
MCS  
NE CONT RISE

DFS IV  
Format: SEGB  
BPI: 800

17

Date	Tape #	Shot Point #	Time	Trip Delay ms	Depth fath.	Pop Rate s	Samp. Rate ms	Rec. L's	Comments
9/23/77	3769	001	0:01	4000	2371	20	4ms	2000	
	3770	089	0:30	4000	2374	20	4	12000	SB 10 began 0051
	3771	181	1:01	"	2374	"	"	"	
	3772	269	1:31	"	2376	"	"	"	
	3773	361	2:03	"	2379	"	"	"	
	3774	449	2:33	"	2382	"	"	"	
	3775	541	3:04	"	2387	"	"	"	
			~3:16						pressure now (1100 psi) one compressor blew a hose
SEP 23 1977	3776	629	3:34	4000	2395	20	4	12000	
	3777	722	4:06	"	2404	"	"	"	
	3778	810	4:36	"	2397	"	"	"	
	3779	903	0506	"	2406	"	"	"	
	3780	992	0538	"	2405	"	"	"	
	3781	1085	0610	"		"	"	"	
	3782	1173	0640	"	2388	"	"	"	
	3783	1266	0712	"	2387	"	"	"	
	3784	1355	0744	"	2386	"	"	"	
	3785	1447	0813		2380				
		1495							
		1508							guns 154 off to change hose all guns on again

Line: 76

M C S

NE Cont Pail

898

BPI: 800

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[illegible]

R/V ROBERT D. CONRAD  
Cruise: RC21-01  
Line: 77

# RECORDING LOG MCS

N.E. CONT. RISE

DFS IV

Format: Seq B

BPI: 800

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Date	Tape #	Shot Point #	Time	Trip Delay ms	Depth Fath.	Pop Rate s	Samp. Rate ms	Rec. L. ms	Comments
9/23/77	3794	001	1252	4000	2369	20	4	12000	first 3 shots are misnumbered (001-003)
	3795	094	1324	"	2372	"	"	"	
	3796	182	1354	"	2372	"	"	"	
		215	1405						Radio noise beginning shot 215
	3797	274	1425	4000	2374	20	4	12000	
	3798	362	1455	"	2374	"	"	"	
	3799	455	1527	"	2375	"	"	"	
	3800	543	1557	"	2376	"	"	"	
	3801	636	1628	"	2375	"	"	"	
	3802	724	1659	"	2405	"	"	"	TPX 1
SEP 23 1977	3803	817	1730	"	2444	"	"	"	
	3804	905	1801		2454				change delay to 5000 ms tape 3804
	3805	997	1832	"		"	"	"	
	3806	1085	1901	"	2502	"	"	"	
	3807	1185	1937	"	2550	"	"	"	MISSED (12) <sup>shot</sup> TPX 2 FAULT
		1245	1955						GUNS #4, 3 OFF
	3808	1273	2006		2529				
		1324							Guns 3 & 4 on again
	3809	1370	2040		2607				MISSED 5 shots due TPX 2 fault.

R/V ROBERT D. CONRAD

Cruise: C21-01

Line: 77

## RECORDING LOG

NE Cont Rise <sup>MCS</sup>

DFS IV

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Format: SEG-B

BPI: 800

Date	Tape #	Shot Point #	Time	Trip Delay	Depth	Pop Rate	Samp. Rate	Rec. L.	Comments
9/23/77	<del>3810</del>	1458	2109	5000ms	2561	20s	4ms	12000ms	
	3811	1550	2141		2649				
	3812	1638	2211		2609				
	3813	1730	2242		2660				
	3814	1820	2312		2663				missed 1 shot due TPX1 fault
			2332						A/C 127°
	3815	1916	2346		2684				missed 5 shots due TPX2 fault
9/24/77	3816	2005	0016	5000ms	2695	20s	4ms	12000ms	
	3817	2097	0047	"	2699	"	"	"	
	3818	2184	0117	"	2708	"	"	"	
	3819	2276	0149	"	2692	"	"	"	
	3820	2364	0219	"	2711	"	"	"	
	3821	2456	0250	"	2722	"	"	"	
	3822	2544	0320	"	2731	"	"	"	
	3823	2636	0351	"	2745	"	"	"	
	3824	2724	0420	11	2757	11	11	11	TPX 1
	3825	2817	0452	11		11	11	11	
	3826	2906	0523	11	2776	11	11	11	
	3827	2999	0554	11	2779	11	11	11	
	3828	3087	0623	11	2795	11	11	11	

R/V ROBERT J. CONRAD

Cruise: RC21-01

Line: 77

## RECORDING LOG

MCS

N.E. CONT RISE

DFS IV

21

Format: SEG B

BPI: 800

Date	Tape #	Shot Point #	Time	Trip Delay	Depth	Pop Rate	Samp. Rate	Rec. L.	Comments
SEP 24 1977	3829	3180	0637	5000ms	2804	20S	4ms	12000ms	
	3830	3268	0727	11	2809F	11	11	11	
	3831	3360	0758	1	2797				
	3832	3448	0829	1	2800				
	3833	3540	0900		2795				
			0850						SB #11 m. aux 3
	3834	3628	0930		2800				
	3835	3720	1001		2800				
	3836	3808	1031		2798				
	3837	3907	1105		2800				
	3838	3995	1135		2814				
	3839	4088	1207	5000ms	2822	20S	4ms	12000ms	
	3840	4176	1237	"	2827	"	"	"	
			1246						A/C to 210°
	3841	4269	1309	"	2813	"	"	"	
	3842	4357	1339	"	2819	"	"	"	
	3843	4450	1410	"	2818	"	"	"	
	3844	4539	1441	"	2823	"	"	"	
	3845	4633	1513	"	2833	"	"	"	
	3846	4722	1543	"	2832	"	"	"	

R/V ROBERT D. CONRAD  
Cruise: RC21-01  
Line: 77

# RECORDING LOG MCS

NE. CONT. RISE

DFS IV

22

Format: Seq B

BPI: 800

Date	Tape #	Shot Point #	Time	Trip Delay ms	Depth F.	Pop Rate s	Samp. Rate ms	Rec. L. ms	Comments
9/24/77	3847	4815	1615	5000	2837	20	4	12000	
	3848	4904	1645	"	2840	"	"	"	
	3849	4997	1717	"	2842	"	"	"	
	3850	5086	1747	"	2842	"	"	"	
	3851	5179	1819	"	2843	"	"	"	
	<del>3852</del>	<del>5200</del>	<del>1850</del>	—	—	—	—	—	
SEP 24 1977	3852	5297	1856	5000	2843	20s	4ms	12000ms	Missed 30 shots due bad roll of tape on TPX-1
	3853	5390	1931	"	2844	"	"	"	TRX-2
	3854	5478	2001		2845				
	3855	5571	2033		2845				
	3856	5660	2103		2845				
	3857	5753	2135		2845				
	3858	5841	2205		2845				
	3859	5935	2237		2845				
	3860	6023	2307		2845				
	3		22325						Guns 124 off to service Compressor
			2330						A/C 227°
	3861	6116	2339						
9/25/77	3862	6204	0009	5000	2849	20	4	12000	
	3863	6297	0041	"	2848	"	"	"	

R/V ROBERT D. CONRAD

Cruise: KC21-01

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RECORDING LOG  
M C S

N.E. CONT RISE

DFS IV

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Date	Tape #	Shot Point #	Time	Trip Delay ms	Depth F.	Pop Rate s	Samp. Rate ms	Rec. L. ms	Comments
9/25/77	3864	6386	01:11	5000	2850	20	4	12000	
	3865	6478	01:42	"	2850	"	"	"	
	3866	6565	02:12	"	2851	"	"	"	6656 last shot for tape 3866
	3867	6693	2:56	"	2852	"	"	"	TPX-2 foul up
	3868	6781	3:26	"	2852	"	"	"	Missed slot 6656-6692
	3869	6874	3:57	"	2852	"	"	"	
	<del>3870</del>	6963	4:28	"	2853	"	"	"	
	3871	7056	05:00		2853				
	<del>3872</del>	7145	05:30	"	2853	"	"	"	
	<del>3873</del>	7238	06:02	"	2853	"	"	"	
	<del>3874</del>	7327	06:37	"	2854	"	"	"	at 0700 A/E 214°
	<del>3875</del>	7420	07:04	"	2854	"	"	"	Missed 10 slots AIR GUN #3 LEAK.
	<del>3876</del>	7519	07:38	"	2854	"	"	"	
	3877	7612	08:09		2855				
	3878	7700	08:39		2855				
	3879	7793	09:11		2855				
			09:30						tape sometimes does not fire
	3880	7884	09:42		2855				
	3881	7976	10:13		2855				
	3882	8065	10:44		2855				

Date	Tape #	Shot Point #	Time	Trip Delay	Depth	Pop Rate	Samp. Rate	Rec. L.	Comments
9/25/77	3882	8140	1110	5000ms	2855F	20 S	4ms	12000ms	SB#13 over into water
	3883	8157	1115		2855F				
	3884	8245	1145		2855				
	3885	8338	1217		2855				
	3886	8426	1247		2855				
	3887	8519	1319		2855				missed shot #8518
	3888	8607	1349		2855				
	3889	8699	1420		2855				
	3890	8787	1450		2856	✓	✓	✓	
	3891	8879	1522		2856				
	3892	8968	1552						
	3893	9061	1624	5000ms	2857	20s	4ms	12,000ms	
	3894	9149	1654	"	2858	"	"	"	at SP 9162 Guns#4,3 off R
	3895	9241	1725		2858				
			1730						A/C 090
		9328	LAST SHOT			END LINE			77
			SEP 25 1977						



R/V ROBERT D. CONRAD

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## RECORDING LOG

MCS

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Hatteras Abyssal plain

Date	Tape #	Shot Point #	Time	Trip Delay	Depth	Pop Rate	Samp. Rate	Rec. L.	Comments
SEP 25 1977	3896	001	1856	5000ms	2858	20S	4ms	12,000ms	TPX-1
	3897	93	1857	11	2858	11	11	11	on air at 1842 092"
	3898	181	1857	11	2858	11	11	11	
	3899	274	1929	11	2856	11	11	11	
	3900	362	2000		2856				
	3901	454	2030		2857				
	3902	542	2100		2857				
	3903	634	2131		2857				
	3904	722	2201		2856				
	3905	815	2233		2856				
9/26/77	3906	903	2303		2823				Numerous parity errors on this tape
	3907	996	2335		2862				
	3908	1088	0006	5000ms	2848	20S	4ms	12000ms	
		<del>1171</del>	0						
	3909	1181	0038	"	2842	"	"	"	
	3910	1269	0108	"	2849	"	"	"	
	3911	1362	0140	"	2843	"	"	"	
	3912	1450	0210	"	2831	"	"	"	
	3913	1542	0241	"	2823	"	"	"	
	3914	1630	0311	"	2821	"	"	"	

Line: 78

## M C S

N.Y. - Bermuda

Hatteras Abyssal Plain

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