

DATE	TIME	SAT POINT	TAPE	LINE	DEPTH	Ref Knife	Swamp Knife	Rec L	TRIP DEL. 10	TRIP	TPY #	TIME ON/OFF	REMARKS
30 OCT 1976	1141	0001	2295	47		20	4ms	12 sec	4ms	1	1		
		0005	2296			"	"	"	3.5 sec (change delay)	2	2		delay change to 3.5 sec.
	1251	0008	2297							1	1		
	1322	0036	2299					delay 2.5 sec		2	2		TPX-1 (lost 3000 slots)
	1354	0079	2300	47						2	2		
	1426	0072	2301	47						1	1		
	1458	0066	2302							2	2		
	1529	0058	2303							1	1		
	1601	0052	2304							2	2		
	1633	0045	2305										
1 NOV 1976	1705	1039	2306										
	1737	1145	2307										
	1812	1236	2308										
	1844	1328	2309										
	1915	1420	2310										
	1949	1521	-										
	<del>1949</del>	<del>1607</del>	<del>2311</del>										
	<del>1949</del>	<del>1607</del>	<del>2311</del>										
	1949	1518	2311										
	2019	1607	2312										
2052	1705	2313											
2124	1709	2314											
2156	1815	2315											
2230	1910	2316											
2302	2004	2317											
2334	2108	2318											
0006	2222	2319			5770	20	4ms	12 sec	40 sec	1	1		
0008	2222	2320			5600					2	2		
did not change delay in time to get all of record on tape for briefly													
TPX-1 lost some slots change delay to 2.0 sec													
Delay changed to 4.0 sec													
3 shots lost at Changewater - TPX-1													
3 shots lost due to TPX-1 starting													

PC 000RMS. 'M/C A'

AREA "PHIL-TR"

2

DATE	TIME	Shot Point #	TAPE	LINE	SEC DEPTH	ROP Rate	SPR Rate	TRIP DE	%	TR/E	TRY #	TIME ON/OFF	REMARKS
0110		2460	2321	47	5700	20	4m	12.5m	40m		1		Filter sitting
0142		2555	2322		5835					1	2		8-62 Hz
0216		2649	2323								1		slope not
0247		2744	2324								2		gain const. = 364h
0319		2838	2325	47	6100	20	4m	12m	40m	1	1		
0351		2932	2326										
0428		3041	2327										
0501		3136	2308								2		
0533		3230	2329								1		
0605		3325	2330								2		
0640		3427	2371								1		MISSED 75HRS
0718		3520	2332								2		
0744		3615	2339								1		
0816		3709	2337					3.5			2		
0848		3803	2335								1		
0920		3896	2336								2		
0952		3940	2337								1		SYNC EXPOS - HIGH PARITY ER
1024		4084	2338								2		
1056		4079	2339								1		
1128		4273	2340								2		
1200		4367	2341		4400						1		
1232		4460	2342		4500						2		
1304		4553	2343		4600						1		
1336		4647	2344		4500						2		
1408		4741	2345		5000						1		1 long range 5.8# 1976
1440		4835	2346		4900						2		
1512		4929	2347		4800						1		
1523		5024	2348	47	4700						2		
1616		5116	2349		4700						1		

Phil-782

DATE	TIME	Shot Point#	Tape	Time	DEPTH	Pop Rate	Temp	Rec	Temp	9/6	9/6	TPX #	TIME ON/OFF	REMARKS
11/06/76	1648	5210	2350	47	4600	20	4ms		3500			2	58.176 on Aux 3	
	1720	5304	2351	47	4700	20	4ms		3500					
	1752	5397	2352											
	1824	5490	2353		4400									
	1856	5584	2354		4200									
	1900	5596	—		—									Sonobay 'Off
	1928	5697	2355		4050									
	2000	5771	2356		4000									
	2030	5860	—		—				4500					Delay changed to 4.5 sec
	2032	5864	2357		3200									
	2033	5867	—		—				2500					Delay changed to 2.5 sec
	2103	5959	2358		2500									Head end of 6 shots lost
														1 shot lost at changeover
	2123	6014	—		—									Delay to 1.5 sec
	2136	6052	2359		2750									
	2207	6145	2360		3650									
	2239	6238	2361		3750									
	2250	6293	—		—									
	2317	6348	2362		3900									6257 → 6293 lost due to TPX-1 fault
	2349	6442	2363											1 shot lost due to TPX-1
	0021	6536	2364	47	3600	20	4ms	12	1800			70922		
	0052	6628	2365						3000			Delay changed to 3.0 sec		
0	0124	6721	2366											
0	0156	6815	2367											
0	0228	6909	2368	47	3800	20	4ms	12	3.5 sec			2		
0	0300	7003	2369											
0	0322	7097	2370											
0	0404	7191	2371											
0	0436	7284	2372	47	4400	20	4ms	12	14800			2		

C-06 KC CONRAD, Line 47

AREA PHIL-TRC

(4)

DATE	TIME	Shot points	TIME	Time	DEPTH	Rate	Time	Time	TIME	REMARKS
1976	0508	7378	2373	47	4500	20	4ms	12.5	3.5sec	1
NOV	0540	7472	2374		4650					2
NOV	0613	7567	2375		4600					2
NOV	0644	7662	2376							3
NOV	0717	7756	2377		4600					3
	0749	7849	2378	47	4600					3
	0823	7944	2379							
	0858	8039	2380							
	0928	8132	2381							
	0958	8228	2382		5000					
	1030	8322	2383		4500					
	1102	8416	2384		5000					
	1135	8510	2385	47	5000	20	4ms	12.5	3.5sec	
	1206	8604	2386	47	5000	20	4ms	12.5	3.5sec	
	1238	8697	2387		5200					
	1310	8791	2388		5300					
	1342	8885	2389		5500					
	1414	8979	2390	47	5400					
	1446	9073	2391	47	5500	20.5	4ms	12.5	4.5sec	
	1519	9167	2392		5500					
	1551	9261	2393		5000					
	1623	9355	2394		4500	5500				
	1655	9449	2395		5500	6000				
	1727	9544	2396		5500	6000				
	1759	9638	2397		5300					
	1828	9721								
	1831	9732	2398							
	1904	9826	2399							
	1924	9888								

@ 1105/B 1770 FT  
Type ID set to 2375 on head  
changed to 2385

delay changed from 3.0 sec to 4.0 sec. starting type 2388  
4550 41#178 @ 1343 on Aux 3.  
4500

change to 4.5 sec at type 2383  
Note: a few shots are clipped delay to 4.500 ms  
at the end of type 2383. Old waf  
change delay in time.  
delay to 6500 ms at 9493

Change delay to 8.0 sec

9849-9888 TRABLE WITH TRK-1 - FIRST SHOT - 44 SHUT LOSS

06

CONRAD

LINE 47

"PHIL-TR"

DATE	TIME	SP	TMC	DEPTH	LINE	REF	SWIFT	REC	TRF	TRX	TIME ON/OFF	REMARKS
------	------	----	-----	-------	------	-----	-------	-----	-----	-----	-------------	---------

1949 9959 2400 47 205 4ms 12sec 8.0sec

2021 10053 2401 9800

2053 10147 2402 9700

2125 10241 2403 9500

2158 10336 2404 9500

2212 10377 2405 9300

2301 10523 2406 9200

2333 10616 2407

0005 10710 2408

0037 10803 2409 8700

0109 10896 2410 8650

0140 10989 2411 8450

0212 11082 2412 8300

0244 11175 2413 8200

0316 11268 2414 8100

0347 11361 2415 8000

0420 11456 2416 7900

0452 11551 2417 7850

0525 11646 2418 7800

0557 11740 2419 7800

0629 11835 2420 7700

0701 11930 2421 7600

0734 12025 2422 7540

0806 12119 2423 7520

0838 12214 2424 7300

0910 12307 2425 7450

0943 12403 2426 7400

1015 12497 2427 7400

PHIL-TR  
A/C TO 095

1

2

1

2

1

2

1

2

1

2

1

2

1

2

0619

Combining 8179 on

03 NOV 1976

02 NOV 1976

S.D. 9

0806



06-20

PHIL-TR

DATE	TIME	S/P	TYPE	LINE	DEPTH	FOR	OTHER	741P	ELITE	70P	REMARKS
03 NOV 1976	2131	0000	2446	48	6900	205	4ms	125	65 (Guns 293)	2	CSE 175
	2203	0093	2447		6900						
	2235	187	2448		6900						
	2300	259	-		-						
	2307	281	2449		6925						AC 170
	2339	276	2450								
	0011	469	2451	48						1	
	0018	489									
04 NOV 1976	0923	0001	2452	49		208	4ms	125	6.5 (Guns 243)	2	STAT LINE 49 S/Bou SP 40
	0154	095	2453								
	0226	189	2454								
	0259	283	2455								
	0331	378	2456								
	0403	472	2457								
	0435	567	2458								
	0508	661	2459								
	0540	756	2460								
	0612	850	2461	49							
	0644	945	2462		7000						
	0716	1039	2463	49	7001					1	
	0748	1134	2464	49	7100					2	S/B OFF
	0819	1227	2465								
	0852	1320	2466								
	0925	1414	2467		7300						GUN 20FF-10N
	0957	1508	2468		7300						GUNS 143 IN OPERA
	1029	1603	2469		7300					2	GUN 1 ONLY OPP.
	1101	1698	2470		7400					1	1129 SB IN WATER
	1134	1793	2471		7500	205	4	125	5500		

changing delay to 15.5sec.

CR = 20  
= 06

PAL-712

(B)

DATE	TIME	SP	TADE	LIVE	DEPTH	POF	SAR	DATE	TRIP	TPX	TIME	REMARKS
1976	1206	1888	2472	49	7500	205	4	12.5	5500	2		
	1238	1982	2473		7500							
	1318	2077	2474		7600							
	1342	2169	2475		7600							
	1444	2262	2476		7700							
	1444	2352	2477	49								
	1517	2447	2478		7700							
	1556	2543	2479	49	7700							
	1621	2636	2480		7800							
	1653	2729	2481									
	1655	2736										
	1705	2756	2481		8000	20	4	12.5	7000			
	1726	2850	2482		8200							
	1806	2942	2483									
	1838	3036	2484									
	1910	3129	2485									
	1942	3223	2486									
	2014	3317	2487									
	2046	3411	2488									
	2118	3504	2489									
	2124	3511	2489									
	2152	3606	2490									
	2224	3701	2491									
	2257	3796	2492									
	2330	3890	2493									
	2348	3945	—									
	2348	3983	2494									

Charge delay to 6500.  
missed a few shots at beginning of 2479. operator error

Treble with TPX-1 - old problem. Made some tests = 25 shots.

miss few shots once for awhile

3505-3510 lost due to TPX-1 fault - 2489

1 shot lost due to TPX-1 fault

Charge delay to 8.0 sec

05 NOV 1976 001



Phil-42

6

[illegible]

CRUISE = C-30-06  
 Leg = 06

START LINE 51

10

DATE	TIME	SP	TAPE	LINE	DEPTH	POP	Sample Rec	OD	PE	COV	TR	TIME	REMARKS
05 NOV 1976	1036	0001	2510	51		2.0	4ms	12 SEC	7 SEC		1	START	LINE 51
	1109	0095	2511		8500			6 SEC			2	CHANGED TO 6 SEC DELAY	
	1141	0189	2512	51	6700			5					
	1218	0284	2513					5					
		0326						5					
	1245	0378	2514	51	5000	2.0	4ms	12 SEC	3 SEC				
	1318	0473	2515		4600								
	1350	0567	2516		4800								
	1402	0602	2517		5700								
	1426												
05 NOV 1976	1454	0756	2518		5300								
	1526	0850	2519		5200								
	1600	0949	2520	51	4900								
	1633	1044	2521		4700								
	1705	1138	2522		4300								
	1737	1233	2523		4300	2.0							
	1808	1327	2524										
	1842	1422	2525										
	1914	1516	2526										
	1946	1611	2527										
	2018	1705	2528										
	2050	1800	2529										
	2123	1894	2530										
	2155	1989	2531										
	2215	-	-										
	2227	2083	2532										
	2259	2177	2533										
	2332	2272	2534										
	2364	2367	2535										

L/R Sonobuoy in water -

missed 6 slufs - pushed wrong button.

SR #184 on Aut 3.

1 delay changed to 3000 ms.  
 1 at sluf 0376 - may have  
 2 clipped a few slufs.

PHIL-72

[illegible]

Course 180

Course 180

[illegible]

CRUISE = C 20  
 Le = 06

Ph.1-trans

line 54

(13)

DATE	TIME	Shot point	type	Line (ms)	DEPTH	Page	Sample	sec	tr	OL	PE	TRX	TIME ON/OFF	REMARKS
7 Nov	0158	00001	2580	54	5600	20	4ms	12	3500			1	Start line 54	at 5:15:30
76	0230	096	2581											at 5:15:30
	0303	190	2582											Time 0251 HR 180°
	0330	269												Time 0251 HR 180°
1976														
07 NOV	0348	0001	2583	55	5000	20	4ms	12	3500				270°	
	0420	096	2584											
	0452	190	2585											
	0524	284	2586	55	5000	20	4ms	12	3500					
	0556	378	2587		4300									0617 - GUNS 244 OFF
	0628	472	2588		4300									
	0701	567	2589		4800									
	0733	0661	2590	55	5700									
	0807	0763	2591	55	6500	20	4	12	5000					
	0840	0857	2592		5300									
	0912	0952	2593											
	0945	1047	2594		4000				3500					
	1017	1142	2595		4600									
	1049	1236	2596		4500									
	1122	1331	2597		4700									
	1154	1425	2598		4800									
	1226	1520	2599		5700	20	4ms	12	3500			2		
	1258	1614	2600		5300				3500			1		
	1331	1709	2601		5500				4000			2		change delay to 4000
	1403	1803	2602		5300							1		
	1435	1898	2603	55	5100							2		
	1507	1992	2604		5000							1		
	1539	2087	2605		5200									
	1611	2181	2606		5300									

- MISSED 4 SHOTS - AT START OF TAPE  
 5 SEC DELAY

3.5 SEC DELAY

1 at 5:15:30  
 at 5:15:30  
 at 5:15:30  
 at 5:15:30

Line 55 Phil-Tr.

[illegible]



72055

Sample

REMARKS

[illegible]



CRUISE = 20  
LE = 06

(17)

DATE	TIME	S. PT.	TAPE #	LINE	(M.S) DEPTH	SAMPLE				TPX #	TIME ON/OFF	REMARKS
						POP RATE	RATE	REC TIME	TRIP DELAY			
960	0935	9517	2684	55	6500	20	4ms	12 SEC	5 SEC		AC0930	275°
960	1027	9611	2685		6500							all gun 5
NOV 0	1059	9705	2686	55	6500	20	4ms	12 SEC	5 SEC		SB1910N1127	on
0	1131	9800	2687		6300							
0	1202	9892	2688	55	6100	20	4ms	12 SEC	5 SEC	1		
960-1235	9957		2689		6300					2		
76	1307	10,081	2690		6000					1		
	1339	10,176	2691		6400					2		
	1412	10,270	2692		6500					1		
	1444	10,364	2693		6300					2		
	1516	10,458	2694		6200					1		
	1548	10,552	2695		5800					2		
	1620	10,646	2696		5700					1		
	1625	10,660	"									guns 2040K; running on
	1652	10,740	2697		5600					2		guns 153
	1724	10,834	2698		5700					1		now
	1758	10,929	2699		6200					2		
	1828	11,023	2700		6600							
	1901	11,118	2701		6200							
	1933	11,213	2702		8700							
	2006	11,307	2703		9000							
	2008	11,315	—		—				8sec			delay to 8sec
	2038	11,401	2704		7500							
	2041	11,412	—		—				6sec			delay to 6sec
	2110	11,495	2705		6450							
	2130	11,555	—		—							A/C 2780
	2142	11,589	2706		5750							
	2143	11,593	—		—							
	2214	11,683	2707		—				4.5sec			

CRUISE = 20  
 Leg = 06

18

DATE	TIME	SP	TIME	LINE	DEPTH (MS)	POF	SAMPLE	TELE	9/D	9/E	TR	TIME ON/OFF	REMARKS
9 NOV	0346	11778	2708	55	6100	20	4ms	135	4.55				
9 NOV	0349	11873	2709	55									
9 NOV	0351	11968	2710	55									
9 NOV	0023	12062	2711										
9 NOV	0055	12156	2712	55	6500	20	4ms	1200	4.55				
9 NOV	0127	12250	2713										
9 NOV	0159	12344	2714										
9 NOV	0232	12439	2715										
9 NOV	304	12534	2716										
9 NOV	337	12629	2717										
9 NOV	409	12723	2718										
9 NOV	441	12818	2719										
9 NOV	513	12913	2720										
9 NOV	546	13008	2721	55	6600	20	4ms	1250	5.5				
9 NOV	0618	13103	2722		6600								
9 NOV	0651	13199	2723		7000								
9 NOV	0723	13294	2724		6500								
9 NOV	0756	13389	2725										
9 NOV	0828	13484	2726										
9 NOV	0901	13579	2727		6520								
9 NOV	0933	13673	2728		6900								
9 NOV	1005	13768	2729		6100								
9 NOV	1038	13862	2730		5800								
9 NOV	1110	13957	2731		6200								
9 NOV	1142	14052	2732		6800								
9 NOV	1215	14147	2733		6700								
9 NOV	14205												
9 NOV	1247	14241	2734		6400								
9 NOV	1319	14336	2735		6700								

S.S. DFST change Delay to 5.5 sec

numerous parity errors on this tape

\* 4.5 SEC DELAY STARTING

\* DFSTIV Delay was 6.5 sec. so watch the header delay should be 4.5

AC 270° at 10:36 would 6.5 sec

at 13908 1053 DFSTIV Delay to 4.5

74

5.5 delay change to 5.5 sec

CRU SE = ~~20~~ C-20 Phil-Train  
 Led = 06

Sandy

AVEG  
PER  
FILE  
P/E

TRX #

(19)

DATE	TIME	Start Pt.	TRX	Line	ms	DEPTH	Pol	rate	wt	sec	dry	o/d	TRX #	TIME ON/OFF	REMARKS
10 Nov	1351	14430	2736	55	6600	20	4ms	12 sec	5500				1		
1476	1425	14525	2737		6700								2		
	1455	14619	2738		6700								1		
	1428	14713	2739		5900								2		
	1542	14753													
		14764													
	1559	14806	2740		5700								1		
		14881													
	1631	14900	2741		6600										
	1704	14994	2742		6300										
	1736	15088	2743		6600										
	1808	15182	2744												
	1840	15277	2745												
	1912	15371	2746												
	1944	15465	2747												
	2016	15559	2748												
	2049	15654	2749												
	2121	15748	2750	SS	6500	20	4ms	12 sec	5500				1		
	2153	15842	2751												
	2225	15936	2752												
	2257	16031	2753	SS	6700	20	4ms	12 sec	5500				2		
	2329	16124	2754	SS	6600										
	0002	16219	2755												
	0034	16313	2756												
	0106	16408	2757												
	0139	16503	2758												
	0211	16598	2759												
	0243	16693	2760												
	0316	16788	2761												

SB#193 on Nov 23 time 2044

5/8/93 OFF of time 2017

[illegible]

三

Savvy

Tracy

TX

TIME  
ON/OFF

REMARKS

9

[illegible]

CRUISE = C20  
Leg = 06

PHIL TX

22

DATE	TIME	SHOT POINT	TAPE #	LINE	(m/s) DEPTH	POP RATE	SAMPLE RATE	REC TIME	TRIP DELAY	TPX #	TIME ON/OFF	REMARKS
2 NOV 1976	0650	21638	2811	55	7500	205	4ms	12.5	5500			
	0723	21733	2812		7600				↓			SB#195-0707 ON-
		21766	"									change delay to 6500 ms.
		21775										change delay back to 5500 ms.
		21779	2813		7600							change to TPX-2 and type 2813
		21780										change delay to 6500 ms.
	0811	21874	2814	55	7300							
	0843	21969	2815		7700				6500			
	0916	22064	2816		7700				6500			
	0948	22159	2817		7700							
	1021	22254	2818		7700							
	1053	22349	2819		7000							SB#195-1034 OFF
	1126	22444	2820		7300							
12 NOV 1976	1158	22539	2821	55	7600	20	4	12	6500			
	1230	22633	2822		7700							
	1303	22728	2823		7700							
	1335	22822	2824		6700				6000			change delay to 6000 start type 2824
	1407	22917	2825		7200				6000			
	1439	23010	2826		7600				"			
	1511	23104	2827		7600				6000			
	1543	23198	2828		7700				6500			change delay to 6500 start type 2828
	1615	23293	2829		7700				"			
	1647	23386	2830		7800							
	1719	23480	2831		8000							
	1751	23574	2832		8000							
	1824	23699	2833	55	8000	20	4ms	12.5	6500			at 1854 S/BME ON
	1856	23763	2834									Guns #1, 2 ON
	1920	23835										
	1928	23857	2835	11	8000	20	4ms	12.5	6500			

CRUISE = C20  
Leg = 06

Pl: 1 TR

Sample Rec

DATE	TIME	Shot point	type	line	ms	DEPTH	Pop	net	Sample Rec	trip	9b	%c	TRX	#	TIME ON/OFF	REMARKS
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#1

2

at SP 24946 Gun # 4 off

0063 Sandbag 058

12	2000	23951	2836	55		20	4ms	1282	6500							
Nov	2033	24045	2837													
76	2104	24139	2838													
	2136	24233	2839	55	8000	20	4ms	1282	6500							
	2208	24327	2840													
	2210	24332														
12	2241	24422	2841													
11	2313	24516	2842	55	8000	20	4ms	1282	6500							
→	2345	24611	2843													
	0018	24706	2844													
	0050	24800	2845													
	1022	24894	2846													
	154	24989	2847													
	226	25083	2848													
	059	25178	2849													
	331	25272	2850													
	403	25367	2851													
	435	25462	2852													
	508	25557	2853													
	540	25652	2854		7800											
	618	25747	2855	55	7700	20	4ms	1282	6500							
	645	25841	2856		7700											
	0717	25936	2857		7700											
	0749	26030	2858		7700											
	0822	26125	2859													
	0854	26220	2860													
	0927	26315	2861													
	0958	26409	2862													
	1031	26505	2863													

23

PHYL TR

[illegible]



Phil-L-72

18

DATE	TIME	Shot point RTING	1st SEC	2nd SEC	MS DEPTH	1st SEC	2nd SEC	3rd SEC	4th SEC	5th SEC	6th SEC	7th SEC	8th SEC	9th SEC	10th SEC	TIME ON/OFF	REMARKS
13 NOV 1976	2231	00001	2889	56	7600	205	4ms	1250	6500								1 shot drive #56
	2255	00071															
	2304	095	2855	56	7800	205	4m	1250	6500								
	2336	189	2886		7900												
4 NOV	0007	283	2887		7500												
	40	377	2888														
	112	472	2889														
	144	566	2890														
	217	661	2891														
	249	755	2892														
	321	849	2893														
	353	943	2894														
	425	1037	2895														
	457	1131	2896														
	529	1225	2897														
14 NOV 1976	601	1320	2898	56	7400												
	633	1414	2899		7500												
	706	1509	2900		7400												
	0738	1604	2901		7200												
	0809	1699	2902	56	7500	205	4ms	1250	6500								Missed one shot.
	0843	1794	2903		7200												
	0916	1889	2904														
	0948	1984	2905	56		205	4ms	1250	6000								
	1020	2079	2906														
	1053	2174	2907														
	1125	2269	2908	56		205	4m	1250	6000								
	1158	2364	2909		7200												
	1230	2458	2910		7200												
	1249	2514															

Change delay to 5500 ms shot

CRUISE = 20  
Leg = 06

PHIL TR

(26)

DATE	TIME	SHOT POINT	TABE #	LINE	M.S. DEPTH	POP RATE	SAMPLE RATE	REC TIME	TRIP DELAY	%	%	TRPX	TIME ON/OFF	REMARKS
14	1302	2552	2911	56	5700	20	4	12000	6500			2		
Nov	1305	2561	"							change delay to 5000		①		
76		2595	"							"		②		
	1334	2647	2912		4800				4000			①		
	1406	2741	2913									②		
	1438		"											
		2806	"							change delay to 5000		①		
	1438	2835	2914		6700									
		2863	"											
	~	2896	"						6000	change delay to 6000		①		
	1511	2930	2915		6700					pressure up to 2000		2		psr again
	1543	3024	2916		8000							1		
	1615	3118	2917		7500							2		
	1647	3212	2918		7600							1		
	1719	3307	2919		7500							2		
	1751	3400	2920		7200							1		at 1810 sleep on max 3
	1823	3494	2921	56	7800	20	4ms	12000	6500					DFSI change delay to 6500
	1855	3588	2922											
	1928	3683	2923											
	2006	3777	2924	56					6000					DFSI change delay to 6000
	2032	3871	2925	56	7550									
	2104	3965	2926		7600									
	2136	4059	2927		7400									
	2208	4153	2928	56	7300	20	4ms	12000	6000ms					
	2240	4247	2929											
	2312	4341	2930							5/6199 of SR 4260				PULL IN on HIREW, 1.2 time 2245
	2345	4436	2931	56	7400	20	4m	12000	6000					
	00164527	2932			7900									
Nov	004724620	2933												

14 NOV 1976

DFSI change delay to 6.0 sec

DFSI change delay to 6.500

at 1810 sleep on max 3

change delay to 5000  
② operate on 1000 psr  
①  
change delay to 6000  
②  
pressure up to 2000  
psr again

change delay to 5000  
②  
operate on 1000 psr  
①  
change delay to 6000  
②  
pressure up to 2000  
psr again

change delay to 5000  
②  
operate on 1000 psr  
①  
change delay to 6000  
②  
pressure up to 2000  
psr again

REMARKS

(26)

CRUISE = 20  
= 06

PL.1 Tr

227

DATE	TIME	SHOT PT	TRG	LINE	DEPTH (MS)	POF	GEN SETTINGS	REC	Base	Delay	RETRY SETTINGS	TIME	REMARKS
							CH1	CH2	CH1	CH2	PROG #	ON/OFF	
0118	4711	2934	56			205	4ms	125	6K				
0150	4804	2935	56		7880								
0206	4852	—	—	—	—								
0208	4856	—	—	—	—								
218	00001	2936	57	7600	205	4ms	125	6K					
249	00094	2937	57	7600									
321	0186	2938	57	7600									
352	0278	2939	57	7600									
424	0371	2940	57	7600									
456	464	2944	57	7600									
527	557	2942	57										
600	652	2943	57	7500	205	4ms	125	6K					
632	746	2944		7500									
704	841	2945	57	7500									
0736	935	2946		7400									
0809	1030	2947		7300									
0841	1125	2948		7250	205	4ms	12K	6K					
0913	1219	2949		7200									
0945	1313	2950		7150									
1018	1408	2951		7050									
1050	1509	2952		6950									
1053	1509	2952		6850									
1125	1604	2953		6700									
1158	1699	2954		6700									
1229	1793	2955		6700									
1301	1886	2956		6300									
1308	1905	11											
1333	1950	2957		6500									
1340		11											

A/C to 265  
end line 57  
MRE 2935  
STRET Line 57

NO SHOT PHONE ON GUN 2  
GUN NOT IN SYNC.

Quito after passing  
Luna on  
type 2946

MISSING one shot  
occasionally  
Sondhuay 201 shot 1021  
MISSING three shots  
Lost shot on Target 2951 area 1502

DATE: correct shot  
not entered on tape 2955  
change delay to 5000 ms.

Sondhuay 201 off

617



DATE	TIME	Slut PT, PTT-LOG	tape line	in	depth	Ref	CHT	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15	CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH29	CH30	CH31	CH32	CH33	CH34	CH35	CH36	CH37	CH38	CH39	CH40	CH41	CH42	CH43	CH44	CH45	CH46	CH47	CH48	CH49	CH50	CH51	CH52	CH53	CH54	CH55	CH56	CH57	CH58	CH59	CH60	CH61	CH62	CH63	CH64	CH65	CH66	CH67	CH68	CH69	CH70	CH71	CH72	CH73	CH74	CH75	CH76	CH77	CH78	CH79	CH80	CH81	CH82	CH83	CH84	CH85	CH86	CH87	CH88	CH89	CH90	CH91	CH92	CH93	CH94	CH95	CH96	CH97	CH98	CH99	CH100	CH101	CH102	CH103	CH104	CH105	CH106	CH107	CH108	CH109	CH110	CH111	CH112	CH113	CH114	CH115	CH116	CH117	CH118	CH119	CH120	CH121	CH122	CH123	CH124	CH125	CH126	CH127	CH128	CH129	CH130	CH131	CH132	CH133	CH134	CH135	CH136	CH137	CH138	CH139	CH140	CH141	CH142	CH143	CH144	CH145	CH146	CH147	CH148	CH149	CH150	CH151	CH152	CH153	CH154	CH155	CH156	CH157	CH158	CH159	CH160	CH161	CH162	CH163	CH164	CH165	CH166	CH167	CH168	CH169	CH170	CH171	CH172	CH173	CH174	CH175	CH176	CH177	CH178	CH179	CH180	CH181	CH182	CH183	CH184	CH185	CH186	CH187	CH188	CH189	CH190	CH191	CH192	CH193	CH194	CH195	CH196	CH197	CH198	CH199	CH200	CH201	CH202	CH203	CH204	CH205	CH206	CH207	CH208	CH209	CH210	CH211	CH212	CH213	CH214	CH215	CH216	CH217	CH218	CH219	CH220	CH221	CH222	CH223	CH224	CH225	CH226	CH227	CH228	CH229	CH230	CH231	CH232	CH233	CH234	CH235	CH236	CH237	CH238	CH239	CH240	CH241	CH242	CH243	CH244	CH245	CH246	CH247	CH248	CH249	CH250	CH251	CH252	CH253	CH254	CH255	CH256	CH257	CH258	CH259	CH260	CH261	CH262	CH263	CH264	CH265	CH266	CH267	CH268	CH269	CH270	CH271	CH272	CH273	CH274	CH275	CH276	CH277	CH278	CH279	CH280	CH281	CH282	CH283	CH284	CH285	CH286	CH287	CH288	CH289	CH290	CH291	CH292	CH293	CH294	CH295	CH296	CH297	CH298	CH299	CH300	CH301	CH302	CH303	CH304	CH305	CH306	CH307	CH308	CH309	CH310	CH311	CH312	CH313	CH314	CH315	CH316	CH317	CH318	CH319	CH320	CH321	CH322	CH323	CH324	CH325	CH326	CH327	CH328	CH329	CH330	CH331	CH332	CH333	CH334	CH335	CH336	CH337	CH338	CH339	CH340	CH341	CH342	CH343	CH344	CH345	CH346	CH347	CH348	CH349	CH350	CH351	CH352	CH353	CH354	CH355	CH356	CH357	CH358	CH359	CH360	CH361	CH362	CH363	CH364	CH365	CH366	CH367	CH368	CH369	CH370	CH371	CH372	CH373	CH374	CH375	CH376	CH377	CH378	CH379	CH380	CH381	CH382	CH383	CH384	CH385	CH386	CH387	CH388	CH389	CH390	CH391	CH392	CH393	CH394	CH395	CH396	CH397	CH398	CH399	CH400	CH401	CH402	CH403	CH404	CH405	CH406	CH407	CH408	CH409	CH410	CH411	CH412	CH413	CH414	CH415	CH416	CH417	CH418	CH419	CH420	CH421	CH422	CH423	CH424	CH425	CH426	CH427	CH428	CH429	CH430	CH431	CH432	CH433	CH434	CH435	CH436	CH437	CH438	CH439	CH440	CH441	CH442	CH443	CH444	CH445	CH446	CH447	CH448	CH449	CH450	CH451	CH452	CH453	CH454	CH455	CH456	CH457	CH458	CH459	CH460	CH461	CH462	CH463	CH464	CH465	CH466	CH467	CH468	CH469	CH470	CH471	CH472	CH473	CH474	CH475	CH476	CH477	CH478	CH479	CH480	CH481	CH482	CH483	CH484	CH485	CH486	CH487	CH488	CH489	CH490	CH491	CH492	CH493	CH494	CH495	CH496	CH497	CH498	CH499	CH500	CH501	CH502	CH503	CH504	CH505	CH506	CH507	CH508	CH509	CH510	CH511	CH512	CH513	CH514	CH515	CH516	CH517	CH518	CH519	CH520	CH521	CH522	CH523	CH524	CH525	CH526	CH527	CH528	CH529	CH530	CH531	CH532	CH533	CH534	CH535	CH536	CH537	CH538	CH539	CH540	CH541	CH542	CH543	CH544	CH545	CH546	CH547	CH548	CH549	CH550	CH551	CH552	CH553	CH554	CH555	CH556	CH557	CH558	CH559	CH560	CH561	CH562	CH563	CH564	CH565	CH566	CH567	CH568	CH569	CH570	CH571	CH572	CH573	CH574	CH575	CH576	CH577	CH578	CH579	CH580	CH581	CH582	CH583	CH584	CH585	CH586	CH587	CH588	CH589	CH590	CH591	CH592	CH593	CH594	CH595	CH596	CH597	CH598	CH599	CH600	CH601	CH602	CH603	CH604	CH605	CH606	CH607	CH608	CH609	CH610	CH611	CH612	CH613	CH614	CH615	CH616	CH617	CH618	CH619	CH620	CH621	CH622	CH623	CH624	CH625	CH626	CH627	CH628	CH629	CH630	CH631	CH632	CH633	CH634	CH635	CH636	CH637	CH638	CH639	CH640	CH641	CH642	CH643	CH644	CH645	CH646	CH647	CH648	CH649	CH650	CH651	CH652	CH653	CH654	CH655	CH656	CH657	CH658	CH659	CH660	CH661	CH662	CH663	CH664	CH665	CH666	CH667	CH668	CH669	CH670	CH671	CH672	CH673	CH674	CH675	CH676	CH677	CH678	CH679	CH680	CH681	CH682	CH683	CH684	CH685	CH686	CH687	CH688	CH689	CH690	CH691	CH692	CH693	CH694	CH695	CH696	CH697	CH698	CH699	CH700	CH701	CH702	CH703	CH704	CH705	CH706	CH707	CH708	CH709	CH710	CH711	CH712	CH713	CH714	CH715	CH716	CH717	CH718	CH719	CH720	CH721	CH722	CH723	CH724	CH725	CH726	CH727	CH728	CH729	CH730	CH731	CH732	CH733	CH734	CH735	CH736	CH737	CH738	CH739	CH740	CH741	CH742	CH743	CH744	CH745	CH746	CH747	CH748	CH749	CH750	CH751	CH752	CH753	CH754	CH755	CH756	CH757	CH758	CH759	CH760	CH761	CH762	CH763	CH764	CH765	CH766	CH767	CH768	CH769	CH770	CH771	CH772	CH773	CH774	CH775	CH776	CH777	CH778	CH779	CH780	CH781	CH782	CH783	CH784	CH785	CH786	CH787	CH788	CH789	CH790	CH791	CH792	CH793	CH794	CH795	CH796	CH797	CH798	CH799	CH800	CH801	CH802	CH803	CH804	CH805	CH806	CH807	CH808	CH809	CH810	CH811	CH812	CH813	CH814	CH815	CH816	CH817	CH818	CH819	CH820	CH821	CH822	CH823	CH824	CH825	CH826	CH827	CH828	CH829	CH830	CH831	CH832	CH833	CH834	CH835	CH836	CH837	CH838	CH839	CH840	CH841	CH842	CH843	CH844	CH845	CH846	CH847	CH848	CH849	CH850	CH851	CH852	CH853	CH854	CH855	CH856	CH857	CH858	CH859	CH860	CH861	CH862	CH863	CH864	CH865	CH866	CH867	CH868	CH869	CH870	CH871	CH872	CH873	CH874	CH875	CH876	CH877	CH878	CH879	CH880	CH881	CH882	CH883	CH884	CH885	CH886	CH887	CH888	CH889	CH890	CH891	CH892	CH893	CH894	CH895	CH896	CH897	CH898	CH899	CH900	CH901	CH902	CH903	CH904	CH905	CH906	CH907	CH908	CH909	CH910	CH911	CH912	CH913	CH914	CH915	CH916	CH917	CH918	CH919	CH920	CH921	CH922	CH923	CH924	CH925	CH926	CH927	CH928	CH929	CH930	CH931	CH932	CH933	CH934	CH935	CH936	CH937	CH938	CH939	CH940	CH941	CH942	CH943	CH944	CH945	CH946	CH947	CH948	CH949	CH950	CH951	CH952	CH953	CH954	CH955	CH956	CH957	CH958	CH959	CH960	CH961	CH962	CH963	CH964	CH965	CH966	CH967	CH968	CH969	CH970	CH971	CH972	CH973	CH974	CH975	CH976	CH977	CH978	CH979	CH980	CH981	CH982	CH983	CH984	CH985	CH986	CH987	CH988	CH989	CH990	CH991	CH992	CH993	CH994	CH995	CH996	CH997	CH998	CH999	CH1000
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CRUISE = 20  
 = 06

DATE	TIME	SP	TIME	LINE	MS	DEPTH	POF	GAIN SETTINGS	Delay	FILTER SETTINGS	PROF #	TIME	REMARKS
16 Nov 76	050	4315	2982	57	6850	205	4ms	12s	300ms	TPX			
	321	4408	2983	57	6900								
	353	4502	2984	57	6850								
	426	4597	2985	57	6800								
	458	4691	2986	57									
	530	4786	2987	57	6700								
	0602	4880	2988		6600								
	0635	4975	2989	57	6500								
	0707	5070	2990	57	6400								
	0739	5164	2991		6300	205	4ms	12s	4000				
	0811	5258	2992		5K				4K				
	0844	5353	2993		5K								
	0916	5447	2994		5K				4K				
	1002	5532	2995										
	1034	5677	2996		4.7K								
	1108	5774	2997	57		205	4ms	12K	4K				
	1139	5867	2998	57	4.7K	205	4ms	12K	3K				
	1211	5961	2999	57	4.7K	205	4ms	12K	3000				
	1243	6055	3000		4.7K								
	1316	6151	3001		4.7K								
	1348	6244	3002		4.7K								
	1420	6338	3003		4.7K								
	1452	6433	3004		4.7K								
	1524	6527	3005		4.7K								
	1556	6621	3006		5000								
		6658	11										
	1629	6715	3007		4700				4000				
	1701	6809	3008		4700								

29

change delay to 4000

TPX1 4 GUNS ON - 1030 - SP 5688

SP 5229-DELAY 45EC

1 shot lost at change over

TPX

TIME

REMARKS

29

— 1 —

[illegible]

- PHIL-TR -

(3)

[illegible]

CRUISE = 220  
 Leg = 06

Ph. I. T. W.

Remarks -

(2)

DATE	TIME	SP#	Page #	Line	ms.	pop	Say	Rec	Depth	TR	REMARKS
17	1312	0001	3045	58	5700	205	4ms	15000	6000	1	
16	1345	0095	3046		5900					2	
76	1416	0189	3047		6000					1	
		0251	"								
	1448	0253	3048		6600			5200		2	
	1520	0377	3049		6500					1	
	1552	0471	3050		6600					2	
	1624	0564	3051		6700					1	
	1656	0657	3052		7200					2	
		0675	"								
	1728	0750	3053		6650						
		0796	"								
	1759	0843	3054	58	5800	20	4ms	12000	5000	TRY 2	
	1831	0936	3055	11	5000	11	11	11	3000		
	1803	1030	3056							2	
	1936	1125	3057	17	4300	17	17	17	2500		
	2008	1220	3058	11	3500	11	11	11	1500	2	
	2090	1313	3059	11	3100	11	11	11	1500		
	2111	1406	3060	17	3200	17	17	17	1500	2	
	2143	1499	3061	11	2900	11	17	17	1500ms.		
	2215	1592	3062	17	2800	17	17	17	1500ms.	2	
	2247	1685	3063	17	2550	17	17	17	1000ms		
	2316	1778	3064	17	2400	17	17	17	1000ms	2	
	2350	1871	3065	17	2400	17	17	17	1000ms.		
	24	1963	3066	58	2000	11	11	11	1000	2	
	53	2055	3067	58	1700	11	11	11	1000	1	
	124	2147	3068	58	1500	11	11	11	1000	2	
	141	2196	—	—					0500		
	156	2239	3069	58	1300				0500		

Increase delay to 6000 ms.  
 (5 sec delay (Time break) 0796)

at SP 0913 change delay to 4.0ms DTSR  
 change delay DTSR to 3000ms.

change delay FFSR to 2500ms.  
 change delay DTSR to 1500ms.

change delay DTSR to 1000ms. at 2249 s/s on aux 3

Delay to 0500

13



CRUISE = 20  
= 06 SP

PHIL-TR

Rec

Comments

REMARKS

23

DATE	TIME	SP	MRE	LINE	DEPTH (m)	PAP RATE	SR	L	Depth (m)	TX	#	REMARKS
227	2331	3070	58	1000	205	4ms	125	500	2			
255	2415	-	X	-	-	-	-	-	-	-		
334	0001	3071	59	1300	"	"	"	"	1			End Line 58 A/C 20295
408	93	3072	59	1200	"	"	"	"	2			
440	185	3073	59	1320	"	"	"	"				
512	278	3074	59	1400								
543	369	3075										
0614	462	3076	59	1500	205	4ms	125		2			
0646	555	3077	59	2100	205	4ms	125		1			
0718	649	3078	59	2400	205	4ms	125	500	2			
0749	741	3079	59	2400	205	4ms	125	500	1			
0821	833	3080	59	2500	205	4ms	125	500	2			
0852	925	3081	59	2500	205	4ms	125	500	1			
0924	1017	3082	59	2900	205	4ms	125	500	2			SP 1062 GUNS 144 IN WATER - 243005
0950	1109	3083	59	3600	205	4ms	125	500	1			
1026	1201	3084	59	3700	205	4ms	125	25	2			SP 1245 - 2500 DECAY
1058	1243	3085	59	3700	205	4ms	125	25	1			
1130	1286	3086	59	3700	205	4ms	125	25	2			
1200	1477	3087		3700					1			SP 1245 - 2500 DECAY
1232	1569	3088		4400					2			
1305	1664	3089		4200					1			
1337	1759	3090		3700					2			
1409	1853	3091		3700					1			
1441	1948	3092		4300								
1514	2043	3093		4300								
1546	2138	3094		4200								
1619	2233	3095		4000								
1652	2328	3096		3200								
1722	2419	3097		2500								

CRUISE = **C220**  
 Le = **06**  
 8.1.1 Tr

DATE	TIME	SP	SP LOG	Tag #	Line	DEPTH	POB	GRAVITY	RECORDS	Delay	TPX	PROB	PROB	PROB	PROB	PROB	REMARKS
18	1739	2467		3097	59	2300	20	4ms	1800	1000							change time back
Nov	1753	2511		3088	59	2200	20	—	—	1000							
76	1825	<del>2631</del>		3099	59	2500											Problem with TPX1
	1835	2631		3099	59	2500											
	1906	2723		3100	59	2300	20	4ms	1800	1000							
	1938	2816		3101	59	3300	20	4ms	1200	1500	1						at 1942 S/G#200 OFF
1976	2009	2909		3102	11	4450	11	11	11	1500	2						
	2041	3002		3103	11	3800	11	11	11	1000							change Delay DESIT to 1000ms.
	2113	3095		3109	11	2000	11	11	11	0000	2						change Delay DESIT to 0.5000ms.
8 NOV	2130	3144		—	—	END	—	—	—	—							A/E 099°
	2208	00001		3105	60	—	20	4ms	1200	0000	1						at 2230 A/E to 095°
	2230	067		—	—	—	—	—	—	—							A/E 088°
	2240	093		3106	—	—	—	—	—	0000	2						
	2311	186		3107	—	—	—	—	—	1000							change Delay DESIT to 1000ms.
	2343	279		3108	60	3900	20	4ms	1200	2000							change Delay DESIT to 2000ms.
	15	372		3109	60	4300	11	11	11	11							
	46	464		3110	60	5000	—	—	—	—							
	119	556		3111	60	5250	—	—	—	—							OP4 A/E 047°
	149	648		3112	60	5300	—	—	—	—							
7	202	686		—	—	—	—	—	—	—							4guns ON
	220	739		3113	60	5400	—	—	—	2000							
	2251	831		3114	60	3400	—	—	—	3500							Delay TD 3520
2	234	839		—	—	—	—	—	—	—							2guns only
	318	908		—	—	—	—	—	—	—							SP 943 4guns Again T=330
	323	924		3115	60	5400	—	—	—	3520							
	355	1018		3116	60	5400	—	—	—	3520							
	427	1111		3117	60	5400	—	—	—	—							

7

CRUISE = 20  
 = 06  
 Led

PDP SR DELAY TX  
 R GAIN SETTINGS

35

DATE	TIME	SR	TYPE	LINE	MS	DEPTH	CH1	CH2	CH1	CH2	CH1	CH2	CH1	CH2	PROJ #	TIME	REMARKS
	459	1204	3118	60	5700	205	4ms	125	3500	2							
	531	1298	3119	60		205	4ms	125	"	1							
	0603	1392	3120	60	5300	205	4ms	125	3500	2							
	0635	1486	3121	60	4800	205	4ms	125	3500	1							
	0707	1581	3122	60	4600	205	4ms	125	3500	2							
	0739	1675	3123	60	4600	205	4ms	125	3500	1							
	0812	1770	3124	60	5400	205	4ms	125	3500	2							
	0844	1865	3125	60	6000	205	4ms	125	3500	1							
	0916	1959	3126	60	6000	205	4ms	125	3500	2							
	0948	2053	3127	60	4000	205	4ms	125	3000	1							
	1021	2148	3128	60	2600	205	4ms	125	1000	2							
	1052	2240	3129	60	1600	205	4ms	125	1000	1							
	1124	2333	3130	60	1200	205	4ms	125	0000	2							
	1151	2410															
	1220	0001	3131	61	1300	205	4ms	1200	0000	1							
	1252	0024	3132		2300				0000								
	1324	0156	3133		3100				2000								
	1355	0278	3134		3600												
		0353	"														
	1427	0371	3135		4500												
	1459	0464	3136		5100				4000	2							
	1531	0559	3137		5700					1							
	1604	0654	3138		5600					2							
	1637	0749	3139		6400				change delay 45000	1							
	1708	0843	3140	61	6700	205	4ms	125		2							
	1740	0937	3141														
	1813	1031	3142							2							
	1845	1126	3143														

Begin Line 61 - 3 guns working  
 1200 A/C 088  
 change delay to 2000ms of type 3133

Four guns working

change delay to 4000 at 400 type 3136

1525 A/C 0950

1552 A/C 1000

1600 A/C 1050

1636 A/C 1000

1658 SB #209 on Aux 3

END OF LINE 60 1148 AC 0830

5 SEC DELAY SHOT 1907

3.5 SEC DELAY SHOT 2048

3.0 SEC DELAY SHOT 2099

1.0 SEC DELAY SHOT 2164

0.0 SEC DELAY SHOT 2330

0736 AC 3540

SHOTS 1768 GUNS 1420 ON DECK

CRUISE = C-2  
Leg = 06

PL. 1 tr.

SR  
Re. Delay TX

Removal.

36

DATE	TIME	Start pt.	Tag	Line	Depth	Pop	SR	Re	Delay	TX	REMARKS
1976	1917	1220	3144	61	7100	20	4m	1200	5000	2	
1976	1949	1314	3145	"	7000	"	"	"	"	2	
1976	2021	1409	3146	"	6900	"	"	"	"	2	
1976	2053	1502	3147	"	6500	"	"	"	4000	1	
1976	2125	1596	3148	"	5600	"	"	"	4000	2	
1976	2158	1691	3149	"	5600	"	"	"	4000	1	
1976	2230	1785	3160	"	5500	"	"	"	4000	2	
1976	2302	1879	3151	"						1	
1976	2334	1974	3152	"	5550	"	"	"	4000	2	
1976	7	2069	3153	"		"	"	"	"	1	
1976	39	2164	3154	"		"	"	"	"	2	
1976	106	2243							3000		
1976	111	2259	3155		4100						
1976	144	2354	3156		4600						
1976	216	2449	3157		5200						
1976	249	2544	3158		5200						
1976	321	2638	3159		5400				3000		
1976	354	2734	3160		5400						
1976	426	2828	3161	61	5300						
1976	456	2916		61							
1976	515	0001	3162	62					3000		
1976	547	95	3163	62	5400	205	4ms	12K	"	1	
1976	0619	0190	3164	62	5400	205	4ms	12K	3K	2	
1976	0651	0284	3165	62	5300	205	4ms	12K	3K	1	
1976	0723	0378	3166	62	5000	205	4ms	12K	3K	2	
1976	0755	0471	3167	62	4500	205	4ms	12K	3K	1	
1976	0827	0565	3168	62	4100	205	4ms	12K	3K	2	
1976	0959	0659	3169	62		205	4ms	12K	3K	1	
1976	1030	0923	3170	62	6000	20	4ms	12K	4.5K	1	

END LINE 61 @ 0456 Aft from 0920312  
SPRT LINE 62

2 shots lost due to airgun fault

3 guns at 2457

Delayed to 3000ms  
2 guns at 233457

at 2235 S/B 210 ON AIR 3 doing range

at 2030 S/B 2000 A/E + at 2042 H/20920  
change Delay DES to 4000 ms.

NO 3 GUN ON DECK SP2277

COMPRESSION OFP CAST SP. 0684-  
ONLY ONE GUN IN WATER  
DELAY 4.5K

CRUISE = C 2.0  
Leg = 06

REMARKS

37

DATE		TIME	SHOT PT.	TAGE #	LINE #	MS DEPTH	POP RATE	CHAIN-SECTIONS	TPX	ENTER-SECTIONS	REMARKS
9/6/1976	1101	1017	3171	62	6000	20.5	4ms	12.5	4500	2	No 4 OFF-1095 ALC-6005 OFF-SP1066
1137	1136		3172	62	6200	20.5	4ms	12.5	4500	1	
1211	1220		3173	62	5600				4500		
1242	1313		3174	62	6500				5000		increase delay to 5000ms.
20 NOV 1976	1314	1407	3175	62	6700						
	1347	1501	3176	62	6700						
	1419	1595	3177	62	6400				4000		shot 1657: change delay to 4000ms
20 NOV 1976	1450	1688	3178		4700						
	1522	1782	3179		4500						
20 NOV 1976	1554	1876	3180		4800						1600 ALC 3150
	1627	1970	3181		5000						shot 1934 - 4 gun on, 4 gun off.
9/6/1976	1700	2068	3182	62	5400	20.5	4ms	12.5	4000	1	
20 NOV 1976	1735	2170	3183	62	5200						
20 NOV 1976	1807	2263	3184	62	5200						
76	1838	2356	3185							2	
9/6/1976	1910	2449	3186	62	5200					1	at SP 2537 gun #2 on
9/6/1976	1942	2542	3187	62	5100	20	4ms	1200	4000	2	
20 NOV 1976	2014	2636	3188		5100	11	11	11	4000	1	
20 NOV 1976	2046	2730	3189	17	5000	11	11	11	4000	2	at 2052 S/B# 211 ON MAX 3
20 NOV 1976	2118	2824	3190	11	4950	11	11	11	4000	1	
9/6/1976	2150	2917	3191	11	4900	11	11	11	4000	2	
9/6/1976	2222	3011	3192	11	4700	11	11	11	4000	1	missing 1 shot change over.
20 NOV 1976	2254	3104	3193	11	4500	11	11	11	3500	2	change delay DIST to 3500ms.
20 NOV 1976	2326	3199	3194	11	4500	11	11	11	3500	1	
20 NOV 1976	2358	3294	3195	11	4500	11	11	11	3500	2	
20 NOV 1976	30	3388	3196	62	4000	20	4ms	125	3500	1	
20 NOV 1976	102	3482	3197	62	3500	11	11	11	11	2	0134 T/C from 310 to 300
20 NOV 1976	135	3576	3198	62	3000					1	Delay to 2500/SP 3639 delay to 1 sec
20 NOV 1976	206	3669	3199	62	2000				1000	2	

CRUISE = 20  
Leg = 06

SAMP Reel Delay TX

FILTER SETTINGS

DATE	TIME	SP -PRT-LOG	TRC -USE	LINE -SAB	LINE (ms)	DEPTH	Prof A	Prof B	Prof A	Prof B	PROJ #	TIME ON/OFF	REMARKS
------	------	----------------	-------------	--------------	--------------	-------	--------	--------	--------	--------	--------	----------------	---------

238 3761 3200 62 1000 205 4ms 12s 1000/sec 1 0200 A/C 300° 290° 0780

300 3829 — 62 GND LINE 62 5700 205 4ms 12s 1000/sec 1 0200 A/C 300° 290° 0780

335 0001 3201 63 0300 205 4ms 12s 0sec 1 0415 A/C 1000-1000 0780

406 0092 3202 63 1250 11 11 11 11 0415 A/C 1000-1000 0780

438 184 3203 63 2500 11 11 11 11 0430 A/C back to 0780

507 268 — — — — — — — — — — — — — — — —

509 276 3204 63 3500 11 11 11 11 2000ms 12 21 0415 A/C 1000-1000 0780

541 369 3205 63 — — — — — — — — — — — — — — — —

0613 0462 3206 63 3800 205 4ms 12s 2000 1 35sec DELAY SP 0635

0645 0556 3207 63 4700 205 4ms 12s 2000 2 1 35sec DELAY SP 0635

0717 0650 3208 63 5500 205 4ms 12s 3000 1 4 5sec DELAY SP 0700

0749 0744 3209 63 5700 205 4ms 12s 4000 2 4 5sec DELAY SP 0700

0832 0840 3210 63 5700 205 4ms 12s 4000 1 4 5sec DELAY SP 0700

0854 0935 3211 63 5500 205 4ms 12s 4000 2 4 5sec DELAY SP 0700

0926 1030 3212 63 5700 205 4ms 12s 4000 1 4 5sec DELAY SP 0700

0959 1125 3213 63 5800 205 4ms 12s 4000 2 4 5sec DELAY SP 0700

1031 1220 3214 63 5600 205 4ms 12s 4000 1 4 5sec DELAY SP 0700

1104 1315 3215 63 5700 205 4ms 12s 4000 2 4 5sec DELAY SP 0700

1136 1410 3216 63 5700 205 4ms 12s 4000 1 4 5sec DELAY SP 0700

1209 1505 3217 63 5600 205 4ms 12s 4000 2 4 5sec DELAY SP 0700

1241 1599 3218 63 5700 205 4ms 12s 4000 1 4 5sec DELAY SP 0700

1313 1693 3219 63 5800 205 4ms 12s 4000 2 4 5sec DELAY SP 0700

1345 1787 3220 63 6100 205 4ms 12s 4000 1 4 5sec DELAY SP 0700

1417 1881 3221 63 6000 205 4ms 12s 4000 2 4 5sec DELAY SP 0700

1449 1974 3222 63 6400 205 4ms 12s 4000 1 4 5sec DELAY SP 0700

1521 2068 3223 63 6500 205 4ms 12s 4000 2 4 5sec DELAY SP 0700

1552 2161 3224 63 6500 205 4ms 12s 4000 1 4 5sec DELAY SP 0700

1624 2255 3225 63 6500 205 4ms 12s 4000 2 4 5sec DELAY SP 0700

CRUISE = C20  
Leg = 06 Phil Tr.

Depth Bet. Pelery

Yskohawa - Talisman

39

DATE	TIME	Sketch	Top	Line	ms.	DEPTH	note	DATA	SETTINGS	PROF	FLIGHT	SETTINGS	PROF	#	REMARKS
21	1657	3349	3236	63	6500	20	4ms	1200	5000	1					
21	1729	3443	3227	63	6500	20.5	4ms	125	5000	2					
21	1801	2537	3228	11	6500	20	4ms	1200	5000	1					
21	1833	2632	3229	11	7100	11	11	11	5000	2					
21	1906	2727	3230	11	7200	11	11	11	5000	1					
21	1938	2821	3231	11	7200	11	11	11	5000	2					
21	2010	2915	3232	11	7200	11	11	11	5000	1					
21	2042	3009	3233	11	7400	11	11	11	5000	2					
21	2119	1110	3234	11	7100	11	11	11	5000	1					
21	2152	1205	3235	11	7050	11	11	11	5000	2					
21	2224	1299	3236	11	7100	11	11	11	5000	1					
21	2256	1394	3237	11	7400	11	11	11	5000	2					
21	2328	1488	3238	63	7500	30	4ms	1200	5000	1					
21	2401	1583	3239	63	7500	11	11	11	5000	2					
21	2433	1678	3240	63	7530	11	11	11	5000	1					
21	2503	1765	—	63											
22	0001	0001	3241	64	7500	20	4ms	123	5000	2					
22	0057	096	3242	64	7100	11	11	11	5000	1					
22	0130	191	3243	64	7200	11	11	11	5000	2					
22	0202	286	3244	64	7200	11	11	11	5000	1					
22	0334	381	3245	64	7200	11	11	11	5000	2					
22	0406	474	3246	64	7200	11	11	11	5000	1					
22	0438	568	3247	64	7100	11	11	11	5000	2					
22	0510	662	3248	64	7000	11	11	11	5000	1					
22	0542	756	3249	64	6800	11	11	11	5000	2					
22	0615	0851	3250	64	6700					1					
22	0647	0947	3251	64	6600					2					

MISSING 7 shot parrn A/C 048°

\*63B

at 2230 A/C 048°

END LINE 63/A/C to 285°

A/C to 278° at 500

USE = RC20  
= 06

PHIL TR

40

DATE	TIME	SHOT PT.	TAP #	LINE #	MS DEPTH	POP RATE	SAMP RATE	REC RATE	DELY	TPY	REMARKS
1976	0719	4041	3252	64	6600	205	4ms	125	5000	1	A/C 2740 at 0700
1976	0752	1136	3253	64	6800	205	4ms	125	5000	2	SB 212 ON AT 0730.
2	0824	1231	3254	64	6500	205	4ms	125	5000	1	
2	0857	1326	3255	64	6400	205	4ms	125	5000	2	
2	0929	1421	3256	64	6400	205	4ms	125	5000	1	
2	1002	1516	3257	64	6400	205	4ms	125	5000	2	
2	1034	1610	3258	64	6300	205	4ms	125	5000	1	A/C-1136 to 2660
2	1106	1705	3259	64	6300	205	4ms	125	5000	2	SB 212 OF 1136
2	1138	1800	3260	64	6300	205	4ms	12	5000	1	
1976	1211	1894	3261		6300					2	
2	1243	1988	3262		6300					1	A/C 1230 to 2600
2	1315	2052	3263		6200					2	
Nov 1976	1347	2176	3264		5100					1	change delay to 3000 at shot 2265
			3264								
	1419	2270	3265		4100					2	
	1451	2364	3266		3700					1	
	1523	2459	3267		3600					2	many fault events - overdrives on type 3267
	1556	2553	3268		3200					1	- probably last target beginning
	1627	2646	3268		2600					2	shot 3268 - change delay to 3000
	1659	2739	3270		3100					1	
	1731	2832	3271		3400					2	
	1802	2924	3272	64	4000	20	4ms	Rate	2000	1	
	1834	3017	3273	1	3600	11	11	11	2000	2	
	1905	3109	3274	11	3400	11	11	11	2000	1	
NOV 1976	1937	3202	3275	11	3100	11	11	11	2000	2	
2	2008	3294	3276	11	2700	11	11	11	2000	1	at 50 3309 change delay delay to 1000ms.
2	2040	3386	3277	11	2300	11	11	11	1000	2	at 2040 A/C 2560
2	2112	3479	3278	11	2100	11	11	11	0800	1	change delay delay to 500ms.
	2143	3572	3279	11	2300	11	11	11	0800	2	



CRI: SE = C20  
 Le = 06

DATE	TIME	Shot Pt.	Tag #	Curr #	ms	DEPTH	Pop	Secs	ms	Delay	TPX	Prof A	Prof B	REMARKS
22 NOV 1976	2215	3665	3280	64	2900	30	4ms	12000	0500	0500	1			
	2247	3758	3281	11	2300	11	11	11	0500	0500	2			
	2318	3851	3282	11	2100	11	11	11	0500	0500	1			# 2340 A/c 2630
	2350	3944	3283	11	1600	11	11	11	0500	0500	2			
	24	4036	3284	64	1500	11	11	11	0500	0500	1			
	53	4129	3285	64	1200	11	11	11	0500	0500	2			280° at 0110
	0126	4224	3286	64	1300	11	11	11	0500	0500	1			1 shot lost at change
	157	4317	3287	64	1400	11	11	11	0500	0500	2			A/c 290 at 0230
	229	4411	3288	64	1400	11	11	11	0500	0500	1			
	301	4504	3289	64	1400	11	11	11	0500	0500	2			A/c 285° at 0330
	335	4604	3290	64	1400	11	11	11	0500	0500	1			5 shot lost at changeover
	407	4698	3291	64	1400	11	11	11	0500	0500	2			
	439	4791	3292	64	1400	11	11	11	0500	0500	1			A/c 300° 445 AM
	511	4884	3293	64	1400	11	11	11	0500	0500	2			A/c 310° at 570
	543	4977	3294	64	1400	11	11	11	0500	0500	1			
	0614	5071	3295	64	1300	205	4ms	12K	0500	0500	2			A/c 300° - AT 0606 - AC 270 AT 642
	0646	5164	3296	64	1300	205	4ms	12K	0000	0000	1			AC 290° AT 0630 - 0 DELAY SP 122
	0718	5257	3297	64	1300	205	4ms	12K	0000	0000	2			A/c 275° at 0736
	0750	5350	3298	64	1600	205	4ms	12K	0000	0000	1			
	0822	5443	3299	64	2000	205	4ms	12K	0000	0000	2			
	0853	5536	3300	64	2500	205	4ms	12K	0000	0000	1			cell forming very small due to measuring
	0925	5629	3301	64	4200	205	4ms	12K	2000	2000	2			
	0957	5722	3302	64	4700	205	4ms	12K	3000	3000	1			
	1028	5815	3303	64	4700	205	4ms	12K	2000	2000	2			
	1100	5908	3304	64	4500	205	4ms	12K	2000	2000	1			
	1132	6001	3305	64	3400	205	4ms	12K	2000	2000	2			
	1204	6094	3306		4300				2000	2000	1			1224 - A/c 292°
	1235	6187	3307		4700				3000	3000	2			Shot 6194 increase delay to 3000 ms
	1307	6280	3308		4600						1			1301 maneuver to avoid traffic

31



CP SE = 20  
Legs = 06

Phil TR

S.R. Deck

Delay

TX

Remarks

DATE

TIME

SP

MTC

LINE

DEPTH

PER

S.R.

Deck

Delay

TX

Remarks

#

REMARKS

43

512 9106 3338 64 4300 205 4ms 1200ms 3000 1

544 9200 3339 64 4800 11 11 3000 2

0616 9294 3340 64 4800 205 4ms 12K 3K 1

0648 9339 3341 64 4800 205 4ms 12K 3K 2

0720 9484 3342 64 4700 205 4ms 12K 3K 1

0755 9582 3343 64 4700 205 4ms 12K 3K 2

0827 9680 3344 64 4000 205 4ms 12K 3K 1

0903 9786 3345 64 4700 205 4ms 12K 3K 2

0942 9813 3346 64 4700 205 4ms 12K 3K 1

1021 10013 3347 64 4700 205 4ms 12K 3K 2

1053 10108 3348 64 4600 205 4ms 12K 3K 1

1124 10200 495T 5P

1159 1003 3349 65 4600 205 4ms 12K 3K 2

1231 0024 3350 65 4600 205 4ms 12K 3K 1

1303 0158 3351 65 4600 205 4ms 12K 3K 2

1336 0283 3352 65 4600 205 4ms 12K 3K 2

1408 0378 3353 65 4600 205 4ms 12K 3K 2

1440 0473 3354 65 4600 205 4ms 12K 3K 1

1513 0568 3355 65 4300 205 4ms 12K 3K 2

1545 0662 3356 65 4600 205 4ms 12K 3K 1

1617 0756 3357 65 4500 205 4ms 12K 3K 2

1649 0850 3358 65 4400 205 4ms 12K 3K 1

1721 0944 3359 65 4400 205 4ms 12K 3K 2

1753 1038 3360 65 4400 205 4ms 12K 3K 1

1826 1133 3361 65 4400 205 4ms 12K 3K 2

1858 1227 3362 11 4400 205 4ms 12K 3K 1

1930 1322 3363 11 4350 205 4ms 12K 3K 2

2002 1416 3364 11 4300 205 4ms 12K 3K 1

Air guns and/or blast Alumes  
working intermittently (NO 2 GUN)

NO 4 GUN OFF 1 GUN  
LOST SHOTS - EDITAULT

END LINE 64 -

one gun shooting

033 of SP 033 preset DEFILE

Update on tape 3350 contains many party error

1236 increase speed to 5 knots

NOTE: Believe tape itself is No. good -

seems to have a ridge running

thru it.

\$13. # 215 over at 1404 on AEX-3

24 NOV 1916



CP SE = 220  
LE = 06

PHILTR

REMARKS

REMARKS

45

DATE	TIME	SHOT PT.	TABLE #	LINE #	M.S. DEPTH	POP RATE	SAMPLE RATE	REC. CEG	DELAY M.S.	TPX #	REMARKS
25	1210	4251	3394	65	4600	205	4ms	125	3500	1	incident delay to 3500
Nov	1242	4346	3345		4800				3500	2	1230 - A/c 061°
1976	1314	4440	3396		5000				3500	1	513 # 217 at 1246 m. Aug 3.
	1346	4534	3397		5200				3500	2	
	1418	4628	3398		5400				3500	1	
	1451	4723	3399		5600				3500	2	
	1523	4817	3400		5800				3500	1	
	1555	4912	3401		6000				3500	2	1600 - A/c 070°
	1627	5007	3402	65	4900	205	4ms	125	3500	1	
	1700	5102	3403	65	4800	205	4ms	125	3500	2	
	1732	5196	3404	65	4700	20			3500	1	
	1805	5291	3405	11	4600	20	4ms	1200	3500	2	
	1837	5385	3406	11	4500	11	17	11	2500	1	change DELAY DESIR to 2500ms.
	1909	5480	3407	11	4400	11	11	11	3500	2	change DELAY DESIR to 3500ms.
	1941	5574	3408	11	4300	11	11	11	3500	1	
25 NOV 1976	2013	5669	3409	11	4200	11	11	11	3500	2	
	2046	5764	3410	11	3700	11	11	11	2500	1	change DELAY DESIR to 2500ms.
	2118	5858	3411	11	3600	11	11	11	2500	2	at SP 5916 change DELAY DESIR to 1500ms
	2149	5950	3412	11	3700	11	11	11	1500	1	
	2221	6045	3413	11	3400	11	11	11	1000	2	change DELAY DESIR to 1000ms.
	2253	6136	3414	11	3300	11	11	11	1000	1	
	2325	6230	3415	11	3200	11	11	11	1000	2	
	2357	6323	3416	11	3100	11	11	11	1000	1	A/c TO 0980 at 0003
	2428	6415	3417	65	1750	11	11	11	1000	2	
26 Nov 76	2459	6507	3418	65	1750	11	11	11	1000	1	
	2531	6599	3419	65	1750	11	11	11	1000	2	
	2602	6692	3420	65	1750	11	11	11	1000	1	A/c 0880 at 248
	2629	6780	3421	65	3700	11	11	11	1000	2	
	2701	6862	3422	65	4000	11	11	11	2000	1	Delay to 2000 at 6863sp

25 NOV 1976

25 NOV 1976

5:00  
4:00

CP SE = 20  
Le = 06

Remarks

46

DATE	TIME	SPD	TRC	LINE	DEPTH	REF	PROF	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15	CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH29	CH30	CH31	CH32	CH33	CH34	CH35	CH36	CH37	CH38	CH39	CH40	CH41	CH42	CH43	CH44	CH45	CH46	CH47	CH48	CH49	CH50	CH51	CH52	CH53	CH54	CH55	CH56	CH57	CH58	CH59	CH60	CH61	CH62	CH63	CH64	CH65	CH66	CH67	CH68	CH69	CH70	CH71	CH72	CH73	CH74	CH75	CH76	CH77	CH78	CH79	CH80	CH81	CH82	CH83	CH84	CH85	CH86	CH87	CH88	CH89	CH90	CH91	CH92	CH93	CH94	CH95	CH96	CH97	CH98	CH99	CH100	CH101	CH102	CH103	CH104	CH105	CH106	CH107	CH108	CH109	CH110	CH111	CH112	CH113	CH114	CH115	CH116	CH117	CH118	CH119	CH120	CH121	CH122	CH123	CH124	CH125	CH126	CH127	CH128	CH129	CH130	CH131	CH132	CH133	CH134	CH135	CH136	CH137	CH138	CH139	CH140	CH141	CH142	CH143	CH144	CH145	CH146	CH147	CH148	CH149	CH150	CH151	CH152	CH153	CH154	CH155	CH156	CH157	CH158	CH159	CH160	CH161	CH162	CH163	CH164	CH165	CH166	CH167	CH168	CH169	CH170	CH171	CH172	CH173	CH174	CH175	CH176	CH177	CH178	CH179	CH180	CH181	CH182	CH183	CH184	CH185	CH186	CH187	CH188	CH189	CH190	CH191	CH192	CH193	CH194	CH195	CH196	CH197	CH198	CH199	CH200	CH201	CH202	CH203	CH204	CH205	CH206	CH207	CH208	CH209	CH210	CH211	CH212	CH213	CH214	CH215	CH216	CH217	CH218	CH219	CH220	CH221	CH222	CH223	CH224	CH225	CH226	CH227	CH228	CH229	CH230	CH231	CH232	CH233	CH234	CH235	CH236	CH237	CH238	CH239	CH240	CH241	CH242	CH243	CH244	CH245	CH246	CH247	CH248	CH249	CH250	CH251	CH252	CH253	CH254	CH255	CH256	CH257	CH258	CH259	CH260	CH261	CH262	CH263	CH264	CH265	CH266	CH267	CH268	CH269	CH270	CH271	CH272	CH273	CH274	CH275	CH276	CH277	CH278	CH279	CH280	CH281	CH282	CH283	CH284	CH285	CH286	CH287	CH288	CH289	CH290	CH291	CH292	CH293	CH294	CH295	CH296	CH297	CH298	CH299	CH300	CH301	CH302	CH303	CH304	CH305	CH306	CH307	CH308	CH309	CH310	CH311	CH312	CH313	CH314	CH315	CH316	CH317	CH318	CH319	CH320	CH321	CH322	CH323	CH324	CH325	CH326	CH327	CH328	CH329	CH330	CH331	CH332	CH333	CH334	CH335	CH336	CH337	CH338	CH339	CH340	CH341	CH342	CH343	CH344	CH345	CH346	CH347	CH348	CH349	CH350	CH351	CH352	CH353	CH354	CH355	CH356	CH357	CH358	CH359	CH360	CH361	CH362	CH363	CH364	CH365	CH366	CH367	CH368	CH369	CH370	CH371	CH372	CH373	CH374	CH375	CH376	CH377	CH378	CH379	CH380	CH381	CH382	CH383	CH384	CH385	CH386	CH387	CH388	CH389	CH390	CH391	CH392	CH393	CH394	CH395	CH396	CH397	CH398	CH399	CH400	CH401	CH402	CH403	CH404	CH405	CH406	CH407	CH408	CH409	CH410	CH411	CH412	CH413	CH414	CH415	CH416	CH417	CH418	CH419	CH420	CH421	CH422	CH423	CH424	CH425	CH426	CH427	CH428	CH429	CH430	CH431	CH432	CH433	CH434	CH435	CH436	CH437	CH438	CH439	CH440	CH441	CH442	CH443	CH444	CH445	CH446	CH447	CH448	CH449	CH450	CH451	CH452	CH453	CH454	CH455	CH456	CH457	CH458	CH459	CH460	CH461	CH462	CH463	CH464	CH465	CH466	CH467	CH468	CH469	CH470	CH471	CH472	CH473	CH474	CH475	CH476	CH477	CH478	CH479	CH480	CH481	CH482	CH483	CH484	CH485	CH486	CH487	CH488	CH489	CH490	CH491	CH492	CH493	CH494	CH495	CH496	CH497	CH498	CH499	CH500	CH501	CH502	CH503	CH504	CH505	CH506	CH507	CH508	CH509	CH510	CH511	CH512	CH513	CH514	CH515	CH516	CH517	CH518	CH519	CH520	CH521	CH522	CH523	CH524	CH525	CH526	CH527	CH528	CH529	CH530	CH531	CH532	CH533	CH534	CH535	CH536	CH537	CH538	CH539	CH540	CH541	CH542	CH543	CH544	CH545	CH546	CH547	CH548	CH549	CH550	CH551	CH552	CH553	CH554	CH555	CH556	CH557	CH558	CH559	CH560	CH561	CH562	CH563	CH564	CH565	CH566	CH567	CH568	CH569	CH570	CH571	CH572	CH573	CH574	CH575	CH576	CH577	CH578	CH579	CH580	CH581	CH582	CH583	CH584	CH585	CH586	CH587	CH588	CH589	CH590	CH591	CH592	CH593	CH594	CH595	CH596	CH597	CH598	CH599	CH600	CH601	CH602	CH603	CH604	CH605	CH606	CH607	CH608	CH609	CH610	CH611	CH612	CH613	CH614	CH615	CH616	CH617	CH618	CH619	CH620	CH621	CH622	CH623	CH624	CH625	CH626	CH627	CH628	CH629	CH630	CH631	CH632	CH633	CH634	CH635	CH636	CH637	CH638	CH639	CH640	CH641	CH642	CH643	CH644	CH645	CH646	CH647	CH648	CH649	CH650	CH651	CH652	CH653	CH654	CH655	CH656	CH657	CH658	CH659	CH660	CH661	CH662	CH663	CH664	CH665	CH666	CH667	CH668	CH669	CH670	CH671	CH672	CH673	CH674	CH675	CH676	CH677	CH678	CH679	CH680	CH681	CH682	CH683	CH684	CH685	CH686	CH687	CH688	CH689	CH690	CH691	CH692	CH693	CH694	CH695	CH696	CH697	CH698	CH699	CH700	CH701	CH702	CH703	CH704	CH705	CH706	CH707	CH708	CH709	CH710	CH711	CH712	CH713	CH714	CH715	CH716	CH717	CH718	CH719	CH720	CH721	CH722	CH723	CH724	CH725	CH726	CH727	CH728	CH729	CH730	CH731	CH732	CH733	CH734	CH735	CH736	CH737	CH738	CH739	CH740	CH741	CH742	CH743	CH744	CH745	CH746	CH747	CH748	CH749	CH750	CH751	CH752	CH753	CH754	CH755	CH756	CH757	CH758	CH759	CH760	CH761	CH762	CH763	CH764	CH765	CH766	CH767	CH768	CH769	CH770	CH771	CH772	CH773	CH774	CH775	CH776	CH777	CH778	CH779	CH780	CH781	CH782	CH783	CH784	CH785	CH786	CH787	CH788	CH789	CH790	CH791	CH792	CH793	CH794	CH795	CH796	CH797	CH798	CH799	CH800	CH801	CH802	CH803	CH804	CH805	CH806	CH807	CH808	CH809	CH810	CH811	CH812	CH813	CH814	CH815	CH816	CH817	CH818	CH819	CH820	CH821	CH822	CH823	CH824	CH825	CH826	CH827	CH828	CH829	CH830	CH831	CH832	CH833	CH834	CH835	CH836	CH837	CH838	CH839	CH840	CH841	CH842	CH843	CH844	CH845	CH846	CH847	CH848	CH849	CH850	CH851	CH852	CH853	CH854	CH855	CH856	CH857	CH858	CH859	CH860	CH861	CH862	CH863	CH864	CH865	CH866	CH867	CH868	CH869	CH870	CH871	CH872	CH873	CH874	CH875	CH876	CH877	CH878	CH879	CH880	CH881	CH882	CH883	CH884	CH885	CH886	CH887	CH888	CH889	CH890	CH891	CH892	CH893	CH894	CH895	CH896	CH897	CH898	CH899	CH900	CH901	CH902	CH903	CH904	CH905	CH906	CH907	CH908	CH909	CH910	CH911	CH912	CH913	CH914	CH915	CH916	CH917	CH918	CH919	CH920	CH921	CH922	CH923	CH924	CH925	CH926	CH927	CH928	CH929	CH930	CH931	CH932	CH933	CH934	CH935	CH936	CH937	CH938	CH939	CH940	CH941	CH942	CH943	CH944	CH945	CH946	CH947	CH948	CH949	CH950	CH951	CH952	CH953	CH954	CH955	CH956	CH957	CH958	CH959	CH960	CH961	CH962	CH963	CH964	CH965	CH966	CH967	CH968	CH969	CH970	CH971	CH972	CH973	CH974	CH975	CH976	CH977	CH978	CH979	CH980	CH981	CH982	CH983	CH984	CH985	CH986	CH987	CH988	CH989	CH990	CH991	CH992	CH993	CH994	CH995	CH996	CH997	CH998	CH999	CH1000	CH1001	CH1002	CH1003	CH1004	CH1005	CH1006	CH1007	CH1008	CH1009	CH1010	CH1011	CH1012	CH1013	CH1014	CH1015	CH1016	CH1017	CH1018	CH1019	CH1020	CH1021	CH1022	CH1023	CH1024	CH1025	CH1026	CH1027	CH1028	CH1029	CH1030	CH1031	CH1032	CH1033	CH1034	CH1035	CH1036	CH1037	CH1038	CH1039	CH1040	CH1041	CH1042	CH1043	CH1044	CH1045	CH1046	CH1047	CH1048	CH1049	CH1050	CH1051	CH1052	CH1053	CH1054	CH1055	CH1056	CH1057	CH1058	CH1059	CH1060	CH1061	CH1062	CH1063	CH1064	CH1065	CH1066	CH1067	CH1068	CH1069	CH1070	CH1071	CH1072	CH1073	CH1074	CH1075	CH1076	CH1077	CH1078	CH1079	CH1080	CH1081	CH1082	CH1083	CH1084	CH1085	CH1086	CH1087	CH1088	CH1089	CH1090	CH1091	CH1092	CH1093	CH1094	CH1095	CH1096	CH1097	CH1098	CH1099	CH1100	CH1101	CH1102	CH1103	CH1104	CH1105	CH1106	CH1107	CH1108	CH1109	CH1110	CH1111	CH1112	CH1113	CH1114	CH1115	CH1116	CH1117	CH1118	CH1119	CH1120	CH1121	CH1122	CH1123	CH1124	CH1125	CH1126	CH1127	CH1128	CH1129	CH1130	CH1131	CH1132	CH1133	CH1134	CH1135	CH1136	CH1137	CH1138	CH1139	CH1140	CH1141	CH1142	CH1143	CH1144	CH1145	CH1146	CH1147	CH1148	CH1149	CH1150	CH1151	CH1152	CH1153	CH1154	CH1155	CH1156	CH1157	CH1158	CH1159	CH1160	CH1161	CH1162	CH1163	CH1164	CH1165	CH1166	CH1167	CH1168	CH1169	CH1170	CH1171	CH1172	CH1173	CH1174	CH1175	CH1176	CH1177	CH1178	CH1179	CH1180	CH1181	CH1182	CH1183	CH1184	CH1185	CH1186	CH1187	CH1188	CH1189	CH1190	CH1191	CH1192	CH1193	CH1194	CH1195	CH1196	CH1197	CH1198	CH1199	CH1200	CH1201	CH1202	CH1203	CH1204	CH1205	CH1206	CH1207	CH1208	CH1209	CH1210	CH1211	CH1212	CH1213	CH1214	CH1215	CH1216	CH1217	CH1218	CH1219	CH1220	CH1221	CH1222	CH1223	CH1224	CH1225	CH1226	CH1227	CH1228	CH1229	CH1230	CH1231	CH1232	CH1233	CH1234	CH1235	CH1236	CH1237	CH1238	CH1239	CH1240	CH1241	CH1242	CH1243	CH1244	CH1245	CH1246	CH1247	CH1248	CH1249	CH1250	CH1251	CH1252	CH1253	CH1254	CH1255	CH1256	CH1257	CH1258	CH1259	CH1260	CH1261	CH1262	CH1263	CH1264	CH1265	CH1266	CH1267	CH1268	CH1269	CH1270	CH1271	CH1272	CH1273	CH1274	CH1275	CH1276	CH1277	CH1278	CH1279	CH1280	CH1281	CH1282	CH1283	CH1284	CH1285	CH1286	CH1287	CH1288	CH1289	CH1290	CH1291	CH1292	CH1293	CH1294	CH1295	CH1296	CH1297	CH1298	CH1299	CH1300	CH1301	CH1302	CH1303	CH1304	CH1305	CH1306	CH1307	CH1308	CH1309	CH1310	CH1311	CH1312	CH1313	CH1314	CH1315	CH1316	CH1317	CH1318	CH1319	CH1320	CH1321	CH1322	CH1323	CH1324	CH1325	CH1326	CH1327	CH1328	CH
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Log = 0.6

DATE = 26 NOV 1976

Remarks

(47)

DATE	TIME	Shot pair	Line	ms	Pop	Gain	Length	Delay	TRX	Filter	Settings	TIME	REMARKS
		PROF	LINE	DEPTH	GHT	PROF	GHT	GHT	CHT	PROF	GHT	CHT	ON/OFF
1905	9689	3452	65	6500	20	4	1300	5000	1				
1937	9783	3453	65	6500	11	11	11	5000	2				
2009	9877	3454	11	6500	11	11	11	5000	1				
2041	9971	3455	11	6500	11	11	11	5000	2				
2113	10064	3456	11	6500	11	11	11	5000	1				
2145	10158	3457	11	6400	11	11	11	5000	2				
2218	10252	3458	11	5500	11	11	11	3500	1				
2249	10346	3459	11	5800	11	11	11	4000	2				
2321	10440	3460	11	6000	11	11	11	4500	1				
2354	10539	3461	11	6550	11	11	11	4500	2				
25	10627	3462	65	5000	11	11	11	4500	1				
57	10721	3463	65	5100	11	11	11	4000	2				
130	10815	3464	65	6200	11	11	11	4000	1				
202	10909	3465	65	9200	11	11	11	4000	2				
234	11004	3466	65	9500	11	11	11	4000	1				
306	11099	3467	65	9500	11	11	11	4000	2				
339	11193	3468	65	9500	11	11	11	5500	1				
411	11288	3469	65	9500	11	11	11	5500	2				
443	11382	3470	65	9500	11	11	11	5500	1				
515	11477	3471	65	7100	11	11	11	5500	2				
547	11571	3472	65	7200	11	11	11	5500	2				
0619	11665	3473	65	7000	205	4ms	125	5500	2				
0652	11760	3474	65		205	4ms	125	5500	1				
0702	11795												
0719	0001	3475	66	6700	205	4ms	125	5500	2				
0751	0096	3476	66	6500	205	4ms	125	5500	1				
0824	0191	3477	66	6500	205	4ms	125	5500	2				
0856	0285	3478	66	6600	205	4ms	125	5500	1				

END OF LINE 654 - 0050

NO 4 CON OFF

SP 10651 delay to 4 sec

A/C 0650 at 154

SP 11177 delay to 5.5 sec

A/C 058 at 34

A/C 0680 T at 0500

at SP 10141 CON # 10FF, pull in

at 1930 at 0770 true

at 1943 S/3# 200 CONUS 3 day mark

MISSING 1 shot change over, change delay DESIP to 300

CHANGE DELAY DESIP to 4000ms,

CHANGE DELAY DESIP to 4500ms

CF SE = C20  
Le = 96

Security Rec Policy

TPX

REMARKS

45

DATE	TIME	Start/Stop	Top	Code	Depth	Ref	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15	CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH29	CH30	CH31	CH32	CH33	CH34	CH35	CH36	CH37	CH38	CH39	CH40	CH41	CH42	CH43	CH44	CH45	CH46	CH47	CH48	CH49	CH50	CH51	CH52	CH53	CH54	CH55	CH56	CH57	CH58	CH59	CH60	CH61	CH62	CH63	CH64	CH65	CH66	CH67	CH68	CH69	CH70	CH71	CH72	CH73	CH74	CH75	CH76	CH77	CH78	CH79	CH80	CH81	CH82	CH83	CH84	CH85	CH86	CH87	CH88	CH89	CH90	CH91	CH92	CH93	CH94	CH95	CH96	CH97	CH98	CH99	CH100	CH101	CH102	CH103	CH104	CH105	CH106	CH107	CH108	CH109	CH110	CH111	CH112	CH113	CH114	CH115	CH116	CH117	CH118	CH119	CH120	CH121	CH122	CH123	CH124	CH125	CH126	CH127	CH128	CH129	CH130	CH131	CH132	CH133	CH134	CH135	CH136	CH137	CH138	CH139	CH140	CH141	CH142	CH143	CH144	CH145	CH146	CH147	CH148	CH149	CH150	CH151	CH152	CH153	CH154	CH155	CH156	CH157	CH158	CH159	CH160	CH161	CH162	CH163	CH164	CH165	CH166	CH167	CH168	CH169	CH170	CH171	CH172	CH173	CH174	CH175	CH176	CH177	CH178	CH179	CH180	CH181	CH182	CH183	CH184	CH185	CH186	CH187	CH188	CH189	CH190	CH191	CH192	CH193	CH194	CH195	CH196	CH197	CH198	CH199	CH200	CH201	CH202	CH203	CH204	CH205	CH206	CH207	CH208	CH209	CH210	CH211	CH212	CH213	CH214	CH215	CH216	CH217	CH218	CH219	CH220	CH221	CH222	CH223	CH224	CH225	CH226	CH227	CH228	CH229	CH230	CH231	CH232	CH233	CH234	CH235	CH236	CH237	CH238	CH239	CH240	CH241	CH242	CH243	CH244	CH245	CH246	CH247	CH248	CH249	CH250	CH251	CH252	CH253	CH254	CH255	CH256	CH257	CH258	CH259	CH260	CH261	CH262	CH263	CH264	CH265	CH266	CH267	CH268	CH269	CH270	CH271	CH272	CH273	CH274	CH275	CH276	CH277	CH278	CH279	CH280	CH281	CH282	CH283	CH284	CH285	CH286	CH287	CH288	CH289	CH290	CH291	CH292	CH293	CH294	CH295	CH296	CH297	CH298	CH299	CH300	CH301	CH302	CH303	CH304	CH305	CH306	CH307	CH308	CH309	CH310	CH311	CH312	CH313	CH314	CH315	CH316	CH317	CH318	CH319	CH320	CH321	CH322	CH323	CH324	CH325	CH326	CH327	CH328	CH329	CH330	CH331	CH332	CH333	CH334	CH335	CH336	CH337	CH338	CH339	CH340	CH341	CH342	CH343	CH344	CH345	CH346	CH347	CH348	CH349	CH350	CH351	CH352	CH353	CH354	CH355	CH356	CH357	CH358	CH359	CH360	CH361	CH362	CH363	CH364	CH365	CH366	CH367	CH368	CH369	CH370	CH371	CH372	CH373	CH374	CH375	CH376	CH377	CH378	CH379	CH380	CH381	CH382	CH383	CH384	CH385	CH386	CH387	CH388	CH389	CH390	CH391	CH392	CH393	CH394	CH395	CH396	CH397	CH398	CH399	CH400	CH401	CH402	CH403	CH404	CH405	CH406	CH407	CH408	CH409	CH410	CH411	CH412	CH413	CH414	CH415	CH416	CH417	CH418	CH419	CH420	CH421	CH422	CH423	CH424	CH425	CH426	CH427	CH428	CH429	CH430	CH431	CH432	CH433	CH434	CH435	CH436	CH437	CH438	CH439	CH440	CH441	CH442	CH443	CH444	CH445	CH446	CH447	CH448	CH449	CH450	CH451	CH452	CH453	CH454	CH455	CH456	CH457	CH458	CH459	CH460	CH461	CH462	CH463	CH464	CH465	CH466	CH467	CH468	CH469	CH470	CH471	CH472	CH473	CH474	CH475	CH476	CH477	CH478	CH479	CH480	CH481	CH482	CH483	CH484	CH485	CH486	CH487	CH488	CH489	CH490	CH491	CH492	CH493	CH494	CH495	CH496	CH497	CH498	CH499	CH500	CH501	CH502	CH503	CH504	CH505	CH506	CH507	CH508	CH509	CH510	CH511	CH512	CH513	CH514	CH515	CH516	CH517	CH518	CH519	CH520	CH521	CH522	CH523	CH524	CH525	CH526	CH527	CH528	CH529	CH530	CH531	CH532	CH533	CH534	CH535	CH536	CH537	CH538	CH539	CH540	CH541	CH542	CH543	CH544	CH545	CH546	CH547	CH548	CH549	CH550	CH551	CH552	CH553	CH554	CH555	CH556	CH557	CH558	CH559	CH560	CH561	CH562	CH563	CH564	CH565	CH566	CH567	CH568	CH569	CH570	CH571	CH572	CH573	CH574	CH575	CH576	CH577	CH578	CH579	CH580	CH581	CH582	CH583	CH584	CH585	CH586	CH587	CH588	CH589	CH590	CH591	CH592	CH593	CH594	CH595	CH596	CH597	CH598	CH599	CH600	CH601	CH602	CH603	CH604	CH605	CH606	CH607	CH608	CH609	CH610	CH611	CH612	CH613	CH614	CH615	CH616	CH617	CH618	CH619	CH620	CH621	CH622	CH623	CH624	CH625	CH626	CH627	CH628	CH629	CH630	CH631	CH632	CH633	CH634	CH635	CH636	CH637	CH638	CH639	CH640	CH641	CH642	CH643	CH644	CH645	CH646	CH647	CH648	CH649	CH650	CH651	CH652	CH653	CH654	CH655	CH656	CH657	CH658	CH659	CH660	CH661	CH662	CH663	CH664	CH665	CH666	CH667	CH668	CH669	CH670	CH671	CH672	CH673	CH674	CH675	CH676	CH677	CH678	CH679	CH680	CH681	CH682	CH683	CH684	CH685	CH686	CH687	CH688	CH689	CH690	CH691	CH692	CH693	CH694	CH695	CH696	CH697	CH698	CH699	CH700	CH701	CH702	CH703	CH704	CH705	CH706	CH707	CH708	CH709	CH710	CH711	CH712	CH713	CH714	CH715	CH716	CH717	CH718	CH719	CH720	CH721	CH722	CH723	CH724	CH725	CH726	CH727	CH728	CH729	CH730	CH731	CH732	CH733	CH734	CH735	CH736	CH737	CH738	CH739	CH740	CH741	CH742	CH743	CH744	CH745	CH746	CH747	CH748	CH749	CH750	CH751	CH752	CH753	CH754	CH755	CH756	CH757	CH758	CH759	CH760	CH761	CH762	CH763	CH764	CH765	CH766	CH767	CH768	CH769	CH770	CH771	CH772	CH773	CH774	CH775	CH776	CH777	CH778	CH779	CH780	CH781	CH782	CH783	CH784	CH785	CH786	CH787	CH788	CH789	CH790	CH791	CH792	CH793	CH794	CH795	CH796	CH797	CH798	CH799	CH800	CH801	CH802	CH803	CH804	CH805	CH806	CH807	CH808	CH809	CH810	CH811	CH812	CH813	CH814	CH815	CH816	CH817	CH818	CH819	CH820	CH821	CH822	CH823	CH824	CH825	CH826	CH827	CH828	CH829	CH830	CH831	CH832	CH833	CH834	CH835	CH836	CH837	CH838	CH839	CH840	CH841	CH842	CH843	CH844	CH845	CH846	CH847	CH848	CH849	CH850	CH851	CH852	CH853	CH854	CH855	CH856	CH857	CH858	CH859	CH860	CH861	CH862	CH863	CH864	CH865	CH866	CH867	CH868	CH869	CH870	CH871	CH872	CH873	CH874	CH875	CH876	CH877	CH878	CH879	CH880	CH881	CH882	CH883	CH884	CH885	CH886	CH887	CH888	CH889	CH890	CH891	CH892	CH893	CH894	CH895	CH896	CH897	CH898	CH899	CH900	CH901	CH902	CH903	CH904	CH905	CH906	CH907	CH908	CH909	CH910	CH911	CH912	CH913	CH914	CH915	CH916	CH917	CH918	CH919	CH920	CH921	CH922	CH923	CH924	CH925	CH926	CH927	CH928	CH929	CH930	CH931	CH932	CH933	CH934	CH935	CH936	CH937	CH938	CH939	CH940	CH941	CH942	CH943	CH944	CH945	CH946	CH947	CH948	CH949	CH950	CH951	CH952	CH953	CH954	CH955	CH956	CH957	CH958	CH959	CH960	CH961	CH962	CH963	CH964	CH965	CH966	CH967	CH968	CH969	CH970	CH971	CH972	CH973	CH974	CH975	CH976	CH977	CH978	CH979	CH980	CH981	CH982	CH983	CH984	CH985	CH986	CH987	CH988	CH989	CH990	CH991	CH992	CH993	CH994	CH995	CH996	CH997	CH998	CH999	CH1000	CH1001	CH1002	CH1003	CH1004	CH1005	CH1006	CH1007	CH1008	CH1009	CH1010	CH1011	CH1012	CH1013	CH1014	CH1015	CH1016	CH1017	CH1018	CH1019	CH1020	CH1021	CH1022	CH1023	CH1024	CH1025	CH1026	CH1027	CH1028	CH1029	CH1030	CH1031	CH1032	CH1033	CH1034	CH1035	CH1036	CH1037	CH1038	CH1039	CH1040	CH1041	CH1042	CH1043	CH1044	CH1045	CH1046	CH1047	CH1048	CH1049	CH1050	CH1051	CH1052	CH1053	CH1054	CH1055	CH1056	CH1057	CH1058	CH1059	CH1060	CH1061	CH1062	CH1063	CH1064	CH1065	CH1066	CH1067	CH1068	CH1069	CH1070	CH1071	CH1072	CH1073	CH1074	CH1075	CH1076	CH1077	CH1078	CH1079	CH1080	CH1081	CH1082	CH1083	CH1084	CH1085	CH1086	CH1087	CH1088	CH1089	CH1090	CH1091	CH1092	CH1093	CH1094	CH1095	CH1096	CH1097	CH1098	CH1099	CH1100	CH1101	CH1102	CH1103	CH1104	CH1105	CH1106	CH1107	CH1108	CH1109	CH1110	CH1111	CH1112	CH1113	CH1114	CH1115	CH1116	CH1117	CH1118	CH1119	CH1120	CH1121	CH1122	CH1123	CH1124	CH1125	CH1126	CH1127	CH1128	CH1129	CH1130	CH1131	CH1132	CH1133	CH1134	CH1135	CH1136	CH1137	CH1138	CH1139	CH1140	CH1141	CH1142	CH1143	CH1144	CH1145	CH1146	CH1147	CH1148	CH1149	CH1150	CH1151	CH1152	CH1153	CH1154	CH1155	CH1156	CH1157	CH1158	CH1159	CH1160	CH1161	CH1162	CH1163	CH1164	CH1165	CH1166	CH1167	CH1168	CH1169	CH1170	CH1171	CH1172	CH1173	CH1174	CH1175	CH1176	CH1177	CH1178	CH1179	CH1180	CH1181	CH1182	CH1183	CH1184	CH1185	CH1186	CH1187	CH1188	CH1189	CH1190	CH1191	CH1192	CH1193	CH1194	CH1195	CH1196	CH1197	CH1198	CH1199	CH1200	CH1201	CH1202	CH1203	CH1204	CH1205	CH1206	CH1207	CH1208	CH1209	CH1210	CH1211	CH1212	CH1213	CH1214	CH1215	CH1216	CH1217	CH1218	CH1219	CH1220	CH1221	CH1222	CH1223	CH1224	CH1225	CH1226	CH1227	CH1228	CH1229	CH1230	CH1231	CH1232	CH1233	CH1234	CH1235	CH1236	CH1237	CH1238	CH1239	CH1240	CH1241	CH1242	CH1243	CH1244	CH1245	CH1246	CH1247	CH1248	CH1249	CH1250	CH1251	CH1252	CH1253	CH1254	CH1255	CH1256	CH1257	CH1258	CH1259	CH1260	CH1261	CH1262	CH1263	CH1264	CH1265	CH1266	CH1267	CH1268	CH1269	CH1270	CH1271	CH1272	CH1273	CH1274	CH1275	CH1276	CH1277	CH1278	CH1279	CH1280	CH1281	CH1282	CH1283	CH1284	CH1285	CH1286	CH1287	CH1288	CH1289	CH1290	CH1291	CH1292	CH1293	CH1294	CH1295	CH1296	CH1297	CH1298	CH1299	CH1300	CH1301	CH1302	CH1303	CH1304	CH1305	CH1306	CH1307	CH1308	CH1309	CH1310	CH1311	CH1312	CH1313	CH1314	CH1315	CH1316	CH1317	CH1318	CH1319	CH1320	CH1321
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CF SE = 2.0  
Le = 0.6  
Phil Tr

Ref SE Rec Delay TX

Remarks

(50)

DATE	TIME	Shot pt	Page	Line	SPD	DEPTH	CH	PROF	CH2	CHT	CH2	CHT	CH2	CHT	PROF	TIME	REMARKS
28	1602	5755	3537	66	2200	20	4	12K	1000								
Nov	1634	5847	3538		2000												
1976	1706	5941	3539	66	2700	205	4ms	12K	1000								
	1737	6033	3540		2700				2000	1							
	1809	6126	3541	66	2600	20	4ms	12000	2000	2							
	1840	6218	3542	11	2700	11	11	11	2000	1							
	1912	6310	3543	11	2800	11	11	11	2000	2							
	1943	6402	3544	11	3000	11	11	11	2000	1							
	2015	6494	3545	11	3000	11	11	11	2000	2							
	2046	6586	3546	11	2950	11	11	11	2000	1							
	2118	6679	3547	11	2850	11	11	11	2000	2							
	2149	6772	3548	11	2800	11	11	11	2000	1							
	2221	6865	3549	11	2700	11	11	11	2000	2							
	2252	6957	3550	11	2600	11	11	11	2000	1							
	2324	7050	3551	11	2600	11	11	11	2000	2							
	2356	7143	3552	66	2600	20	4ms	12000	2000	1							
	24	7236	3553	66	2250	11	11	11	2000	2							
	59	7328	3554	66	1900	11	11	11	2000	1							
	131	7421	3555	66	1750	11	11	11	2000	2							
	202	7512	3556	66	1500	11	11	11	2000	1							
	234	7605	3557	66	1400	11	11	11	2000	2							
	305	7697	3558	66	1400	11	11	11	2000	1							
	337	7790	3559	66	1300	11	11	11	2000	2							
	408	7882	3560	66	1250	11	11	11	2000	1							
	490	7974	3561	66	1000	11	11	11	2000	2							
	511	8066	3562	66	0900	11	11	11	2000	1							
	542	8158	3563	66		11	11	11	2000	2							
	6614	8250	3564	66	0800	205	4ms	12K	0000	1							
	6645	8343	3565	66	0800	205	4ms	12K	0000	2							

DFSID FILE COUNT to Preset of 7050

7260 DFS Delay to 1.0 sec.

Spangoff at 0133  
7381 delay to 0 sec

increase delay to 2000 ms

SB 222 ON AT 1705

1630 A/C 000

CT SE = 2.0  
LE = 0.6

P41C-JR

51

29 NOV 76

DATE	TIME	SHOT PT.	TAPE #	LINE #	MS DEPTH	POD RATE	REC. LE	SR	TPX	REMARKS
	0717	8436	3566	66	0800	205	4 MS	205	1	0730 A/C to 210°
	0731	8477								END OF LINE 66

END

1-4-00-00

29 NOV 1976

LINES 224 + 225 ARE NON-ARC Sonar days.