

CRUISE 1619-4	LINE PC-D	AREA-PROJECT Naval Coastal Systems Command		DATE July 4 1976
SYSTEM 12 Fold		BEGIN - TIME - DATE		END - TIME - DATE
		LAT.		
		LONG.		
		TAPE INFO:		record length - 10 sec
		TAPE SPEED --		pack density --
		SPL. RATE -- 4 ms		
		RECORD FILTERS		HI-cut - 70
SOURCE Air guns		LO-cut - OUT		Slope - 24
		SLOPE -		Notch
GEOPHONES 24 Channel Texaco.		REMARKS Heading south from Line B1 only one struck section at inboard end of streamer		

SOURCE

650'

group interval 92 meters

	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
CD	6			5					4				3						2				1		
BIRDS	6											5				4				3					2

CRUISE IG 19-4		LINE PC-D		AREA - PROJECT NE GMEXI - PANAMA CITY										DATE July 4, 1976					
TIME	REEL	SHOT Pt. No.	RECORD No.	STREAMER DEPTH						GAIN (Db)			TRIP DEL.	REC. LGTH	FOLD	REP. RATE	WATER DEPTH (Fm)	REMARKS	Inits. of Obs.
				1	2	3	4	5	6	INIT.	RATE	FINAL							
1504	19104	1	1															Start Line D	
		0004	0003															missed	
		0005	0004															RC/RP	
1509		0007	0005	20	13	35	44	55	-									Rejoin	
1603	190104	0012	0016															No time break	
1607	190104	0013	0017															Last shot - Tape done 2/17/76	
1609	190105	0013	0020															RC/RP First shot - New tape 2/11/76	
1610		0013	0020															CONTINUE	
				22	2	28	41	54							10	12	30		
1714	190105	0260	00400							70	12	120	.01	10	12	30		L.S # 190105	TSAI
1715	190106	0265	00401															F.S. # 190106, RC/RP	
		0267	00402															continue	
1735		0304	00447	15	0	28	40	55										streamer	
1800		0352	527	19	0	31	42	56									503	streamer depths	
1820	190106	393	600															last shot # 190106	
1822	190107	398	601															RC/RP no paper, F.S. # 190107	
		400	602															continue	
1826		404	606														514	RC/RP	
		406	607															continue	
1904		481	722	21	0	32	40	55	/								537	depths, streamer	
1925	190107	523	774															last shot # 190107	
1927	190108	527	776															(No good reply) RC/RP First shot # 190108	
1930		532	1003															RC/RP (didn't find record on rewind)	
		533	1004															continue	
1932		537	1010														562	RC/RP # 190108	
		538	1011															continue	
2000		592	1076	25	0	29	36	52	/									streamer depths	

CRUISE			LINE		AREA - PROJECT												DATE		
* IG 19-4 *			* PC-D		NE GMEX - PANAMA CITY, FLORIDA												JULY 4, 1976		
TIME	REEL	SHOT Pt. No.	RECORD No.	STREAMER DEPTH						GAIN (Db)			TRIP DEL.	REC. LGTH	FOLD	REP. RATE	WATER DEPTH (Fm)	REMARKS	Inits. of Obs.
				1	2	3	4	5	6	INIT.	RATE	FINAL							
2032	190108	656	1176							70	12	120	0.01	10	12	30		last shot + 190108	ISA1
2034	190109	663	1177	25	5	30	37	53	-								650	RC/RP first shot	
		665	1200															continue	
2100	190109	712	1257	25	6	30	39	54	-								730	streamer depths	ISA1
2106													1.5					change gain trip Delay RTB	
2130													2.5					" "	
2137	190109	787	1372															END	
2139	190110	791	1376															BEGIN - RC/RP	
2140	190110	793	1377	23	4	31	40	54	-								1280	continue	
2148 2200		810											3.2					change gain trip Delay	
2205		843	1461																
2207														12				change to 12 sec. record	
2236	190110	904	1556															END	
2237	190111	908	1562															BEGIN RC/RP	
2239	190111	910	1563	25	6	31	40	55	-					12			1492	continue	
2331	190111	1014	1733															END	
2333	190112	1019	1740															BEGIN - tape not ON right	
2337	190112	1025	1745															BEGIN ^{AGAIN} - RC/RP - missed 1019-	
2337	190112	1027	1746	25	5	31	40	54	-								1508	continue	1024
																		didn't look right	
2350	190112	1054	2001															Repeat RC/RP - OK	
2351	190112	1058	2002															continue	
0005										05 JULY 1976								C/S 3-4 kts - Air gun trouble	
0010																		3 GUNS -	
0030	190112	1133	2117															END	
0034	190113	1139	2125															BEGIN RC/RP	
0034	190113	1141	2126	20	100	100	100	100	-									continue	
0125	190113	1243	2274															END	

JULY 5

05 JULY 1976

CRUISE		LINE		AREA - PROJECT										DATE					
1619-4		PC D-E		PANAMA City, Fd - NE Gulf of Mexico										JULY 5, 1976					
TIME	REEL	SHOT Pt. No.	RECORD No.	STREAMER DEPTH						GAIN (Db)			TRIP DEL.	REC. LGTH	FOLD	REP. RATE	WATER DEPTH (Fm)	REMARKS (3 GUNS ONLY)	Inits. of Obs
				1	2	3	4	5	6	INIT.	RATE	FINAL							
0128	190114	1249	2302	24	0	17	37	54	-	70	12	120	3.2	12	12	30	1574	Begin	
0130		1252	2305															RC/RP	
0130	190114	1254	2306															CONTINUE	
0220	190114	1354	2452															END	
0223	190115	1359	2453	20	0	5	30	46	-								1580	Begin RC/RP	
0224	190115	1361	2454															CONTINUE	
0318	190115	1459	2630															END	
0320	190116	1473	2631	22	0	11	33	49	-									BEGIN RC/RP	
0321	190116	1475	2632														1586	CONTINUE	
0408		1568	2769										3.5						
0413	190116	1579	3002															End	
0415	190119	1583	3003															Begin RC/RP	
0416	190119	1585	3004															CONTINUE	
0426																		c/c 260°	
0507	190117	1687	3152															L.S #190117	TSAI
0510	190118	1692	3153															RC/RP, F.S #190118	
0510		1694	3154															CONTINUE	
0530		1732	3222	26	0	14	33	51	/	70	12	120	3.5	12	12	30	1512	streamer depths	
0600		1792	3316	24	0	5	29	49	/								1484	streamer depths	
0603	190118	1799	3325															last shot # 190118	
0607	190119	1807	3327														1480	first shot RC/RP	
		1809	3330															CONTINUE	
0634		1861	3414															CONTINUE	
0653		1899	3462															All 4 guns working	
0700	190119	1913	3500															last shot # 190119	
0701	190120	1916	3501														1464	First shot, RC/RP	
		1918	3502															CONTINUE	
0708																		c/c 256°	

CRUISE		LINE		AREA - PROJECT										DATE					
IG 19-4		PC - E		PANAMA CITY - NE G.MEX.										July 5, 1976					
TIME	REEL	SHOT Pt. No.	RECORD No.	STREAMER DEPTH						GAIN (Db)			TRIP DEL.	REC. LGTH	FOLD	REP. RATE	WATER DEPTH (Fm)	REMARKS	Inits. of Obs.
				1	2	3	4	5	6	INIT.	RATE	FINAL							
0730	190120	1972	3570	21	0	20	37	54	-	70	12	120	3.5	12	12	30	1469	streamer depths	TSAI
0754	190120	2021	3651															last shot	
0759	190121	2030	3652														1458	first shot RC/RP	
0817		2032	3653															continue	
0830		2092	3747	20	0	14	35	54	-								1454	streamer depths	
0847	190121	2135	4021	19	0	5	31	13	-									LS # 190121	
0853	190122	2139	4024															RC/RP (NG, camera wrong)	F.S
		2142	4025															continue	
0856		2144	4027														1445	RC/RP	
0856	190122	2146	4030															continue	
0913		2180	4072																
0946	190122	2244	4172															End	
0947	190123	2247	4175	19	0	18	39	55	-								1374	RC/RP - Begin	
0948	"	2249	4176															continue	
1042	190123	2356	4351															END tape ran out - ? last sound	
1044	190124	2360	4355															? incomplete?	
1045	190124	2362	4356															RCRP [CAMERA non-function]	
																		continue -	
1047	190124	2367	4363	18	0	20	42	55	-								1325	RCRP Repeat	
1048	190124	2369	4364															continue	
1056													3.0					trip delay change	
1123		2439	4472																
1136	190124	2465	4524															END	
1139	190125	2472	4533															BEGIN-RC/RP	
1140	190125	2474	4534	16	0	22	41	56	-								1300	continue	
1233	190125	2579	4705															short last rec.	
1236	190126	2585	4706															RC/RP - Didn't work	
1237	190126	2587	4707															RC/RP - Repeat - OK	noisy
1238	190126	2589	4710	10	5	22	40	57	-								1237	continue	

CRUISE IG 19-4		LINE PC-E		AREA - PROJECT NE Gulf Mexico										DATE July 5, '76					
TIME	REEL	SHOT Pt. No.	RECORD No.	STREAMER DEPTH						GAIN (Db)			TRIP DEL.	REC. LGTH	FOLD	REP. RATE	WATER DEPTH (Fm)	REMARKS	Units of Obs.
				1	2	3	4	5	6	INIT.	RATE	FINAL							
1302	190126	2637	4770	20	0	20	40	58	-	70	12	120	3.0	12	12	30			110
1331	190126	2695	5062															END	
1336	190127			18	0	20	40	57	-									TAPS TROUBLE BEGIN RC/RP	
1340	190127	2713	5065															RC/RP TROUBLE	
1342	190127	2717	5066															CONTINUE	
1349	190128	2727	5103									2.5						Chg. Gain Trip	
1437	190128	2827	5244															END	2112
1439	190128	2830	5246															RC/RP, Begin Malfunction	
1440	190128	2834	5247															Begin	
1442	190128	2836	5251															RC/RP Malfunction	
1443	190128	2838	5253															Begin	
1444	190128	2842	5257															RC/RP	
1445	190128	2843	5258															Continue	
1535	190128	2944	5425															END	
1538	190129	2950	5433															BEGIN RC/RP	
1539	190129	2952	5434	23	3	21	37	56	-	70	12	110	2.5	12	12	30	1120		
1630	190129	3052	5600															End	2112
1632	190130	3056	5602															Begin, RC/RP Malfunction	
1633	190130	3058	5603															Begin	
1634	190130	3060	5605															RC/RP	
1635	190130	3062	5606															Continue	
1733		3179	5773	05	4	16	34	54	-									streamer	TS91
1750	190130	3213	6035															Last Shot #190130	
1753		3217	6036															N. G	
1754	190131	3219	6037															CONTINUE First Shot #190131	
1755		3223	6042	25	5	20	38	35	-								1140	RC/RP	
		3225	6043															CONTINUE	
1830		3292	6146	28	6	21	38	58	-								1070	depth streamer 90 240°	

CRUISE 16119-4			LINE PC-E		AREA - PROJECT PANAMA CITY- NE GMEX										DATE 5, July 1976				
TIME	REEL	SHOT Pt. No.	RECORD No.	STREAMER DEPTH						GAIN (Db)			TRIP DEL.	REC. LGTH	FOLD	REP. RATE	WATER DEPTH (Fm)	REMARKS	Inits. of Obs
				1	2	3	4	5	6	INIT.	RATE	FINAL							
1847	190131	3326	6210							70	12	110	2.5	12	12	30		last shot, short record	
1850	190132	3332	6211															First shot RC/RP didn't find record	
		3339	6212															continue	
1855		3343	6216															RC/RP no good	
		3345	6217															continue	
1857		3348	6222															RC/RP no good	
		3351	6223															continue	
1906		3365	6241															9/ 252°	
1932		3418	6326	25	0	21	40	58	-	70	12	120	2.5	12	12	30	1051	streamer depths	
1946	190132	3445	6361															last shot # 190132	
1949	190133	3450	6362														1046	RC/RP First shot # 190133	
		3451	6363															continue	
2000	190133	3472	6410	24	0	20	38	55	-										
2030		3530	6502	25	4	25	39	56	-										
2042	190133	3556	6534															last shot - short record	
2044	190134	3561	6535															first shot RC/RP no good	
2046		3564	6536																
2047		3567	6541														1074	RC/RP -	
		3569	6542															continue	
2138	190134	3669	6706															END - short record	
2140	190135	3673	6712	25	3	27	40	55	-								1136	RC/RP - Begin	RTB
2141	190135	3678	6713															continue -	KP
2212		3737	7011																
2234	190135	3780	7064															END	
2237	190136	3787	7073	25	3	20	36	55	-								1190	BEGIN - RC/RP	
2238	190136	3789	7074															continue	
2333	190136	3898	7251															short last record	

CRUISE		LINE		AREA - PROJECT										DATE					
1619-4		PC-E		N.E. Gulf										5-6 July '76					
TIME	REEL	SHOT Pt.No.	RECORD No.	STREAMER DEPTH						GAIN (Db)			TRIP DEL.	REC. LGTH	FOLD	REP. RATE	WATER DEPTH (Fm)	REMARKS	Inits. of Obs.
				1	2	3	4	5	6	INIT.	RATE	FINAL							
2336	190137	3906	7261							70	12	120	2.5	12	12	30		RC/AR - begin	
2337	190137	3908	7262															continue - tape came out - missed shots 3908 - 3916 - ?	
2341		3914	7270	20	0	14	35	56	-								1235	begin - RC/AR - didn't continue - <u>work</u> no RC/AR record	
2342	190137	3917	7271															End	
0034	190137	4020	7440															begin tape	
0036	190138	4025	7445															motion break -	
0038	190138	4028																RC/AR	
0038	190138	4029	7450																
0039	190138	4031	7451	26	5	20	36	54	-								1235	continue	
0130	190138	4133	7617															END	
0132	190139	4136	7622															BEGIN TAPES	
0133	190139	4138	7624	23	0	16	37	56	-	70	12	120	2.5	12	30			RC/AR	
0133	190139	4140	7625															CONTINUOUS	
0139	190139	4151	7640															shot missed - down tape head	
0143	190139	4158	7647															CONTINUOUS	
0145	190139	4162	7653															RC/AR	
0145	190139	4164	7654															CONTINUOUS	
0207	190139	4206	7728															RC/AR	
0207	190139	4208	7725															CONTINUOUS	
0212	"	4216	7735															Missed shot	
0212	"	4217	7736															RC/AR	
0213	"	4219	7737															CONTINUOUS	
0214	"	4220	7740															RC/AR	
0214	"	4222	7741															CONTINUOUS	
0221	"	4235	7756															Missed shot	

CRUISE 16-19-4		LINE PC-E		AREA - PROJECT NEGMEX Panama City										DATE 6 July '76					
TIME	REEL	SHOT Pt. No.	RECORD No.	STREAMER DEPTH						GAIN (Db)			TRIP DEL.	REC. LGTH	FOLD	REP. RATE	WATER DEPTH (Fm)	REMARKS	Inits. of Obs
				1	2	3	4	5	6	INIT.	RATE	FINAL							
0223	190139	4239	7761															RCRP	7113
0223	"	4240	7762															Continue	
0227	"	4246	7767															Missel Shot	
0227	"	4247	7770															Continue	
0228	"	4248	7771															RCRP	
0228	"	4250	7772															Continue	
0233	"	4260	10004															END	
0235	190140	4263	10008															Begin	
0237	190140	4266	10012															RCRP	
0237	190140	4268	10013															Continue	
0328	190140	4369	10160							70	12	120	2.5	12	12	30		END	
0330	190141	4373	10164	210	0	103	153	-										START	
0331	190141	4375	10169															BEGIN RCRP	
0333	190141	4379	10166															Continue	7113
0424	190141	4482	10335															END	
0426	190142	4485	10340															Begin	
0427	"	4487	10342															RCRP	
0428	"	4489	10343															Resume	
0520	190142	4593	10513															Last Shot (short record)	7113
0521	190143	4596	10514															First Shot #190143	
0523		4599	10517															RCRP No Good (SEWD)	
		4602	10520															continue	
0525		4604	10522															RCRP No Good	
0527		4607	10523	20	0	12	34	54	-									continue	
0556		4666	10616															9c 255°	
0616	190143	4704	10664															Last shot short record	
0618	190144	4709	10666															First shot #190144	
		4711	10670															RCRP ng	

CRUISE		LINE		AREA - PROJECT												DATE			
IG 19-4		PC-E-F		PANAMA CITY - NEGMEX												6 July 76'			
TIME	REEL	SHOT Pt.No.	RECORD No.	STREAMER DEPTH						GAIN (Db)			TRIP DEL.	REC. LGTH	FOLD	REP. RATE	WATER DEPTH (Fm)	REMARKS	Inits. of Obs
				1	2	3	4	5	6	INIT.	RATE	FINAL							
	190144	4713	10671							70	12	120	2.5	12	12	30		continue	TSA1
		4715	10673															RC/RP No Good	
		4718	10674															continue	
0632		4738	10720															9/2 260°	
0653		4778	10770															9/2 265°	
0700		4792	11006	20	0	10	35	53	-	70	12	120	2.5	12	12	30	1256	streamer depths	
0712	190144	4817	11037															last shot (short record)	
0713	190145	4820	11040															First shot	
		4858	11105										2.0					change trip delay	
0800	190145	4911	11173	21	0	13	35	51	-	70	12	120	2.0	12	12	30	1114	streamer depths	
0807	190145	4926	11212															last shot # 190145	
	190146	4931	11213															first shot	
0810		4933	11215														1254	RC/RP good	
		4935	11216															continue	
0902	190146	5038	11365															END	
0905	190147	5042	11371	25	4	17	35	54	-								1105	BEGIN	
0907	190147	5047	11376															RC/RP	
0908	190147	5049	11377															CONTINUE	
0958	190147	5150	11544															END	
1001	190148	5155	11551															BEGIN	
1002	190148	5158	11554	24	0	11	35	54	-								808	RC/RP	
1003	190148	5160	11555															CONTINUE	
1054	190148	5262	11723															END	
1057	190149	5268	11731															BEGIN	
1100	190149	5272	11735															RC/RP - DIDN'T WORK - NO	
1100	190149	5274	11736															CONTINUE	RECORD
1155	190149	5382	12112															END	
1158	190150	5390	12122	21	09	32	54	-									863	BEGIN	

CRUISE		LINE		AREA - PROJECT										DATE					
1619-4		PC-F		NE Gulf of Mexico										July 6, '76					
TIME	REEL	SHOT Pt. No.	RECORD No.	STREAMER DEPTH						GAIN (Db)			TRIP DEL.	REC. LGTH	FOLD	REP. RATE	WATER DEPTH (Fm)	REMARKS	Inits. of Obs.
				1	2	3	4	5	6	INIT.	RATE	FINAL							
1200	190150	5393	12125							70	12	120	2.0	12	12	30		RC/RP - didn't work right	
1201	190150	5396	12127															CONTINUE	MANUAL - NO RECORD
1223		5440	12203										1.5					trip delay	
1253	190150	5499	12276															END	
1255	190151	5502	12302															BEGIN	
1256	190151	5505	12304	200	5	2750	-									760		RC/RP - manually -	
1257	190151	5507	12305															CONTINUE	
1348	190151	5609	12452															END	
1350	190152	5612	12450															BEGIN TAPE	
1350	190152	5614	12460															BEGIN RC/RP	
1351	190152	5616	12461															CONTINUE	
1443	190152	5718	12627															END	
1445	190153	5723	12634															Begin Tape	
1446	190153	5725	12638															RC/RP	
1447	190153	5727	12632															Resume	
1538	190155	5829	13005	5	5	2536	52	-	70	12	120					500		END	
1539	190154	5832	13010										1.5	12	12			First	
1541		5834	13012															RC/RP	
1542		5836	13013															Continue	
1634	190155	5941	13164															END	
1636	190155	5945	13170															Begin	
1641	190155	5956	13202															CONTINUE	
																		RC/RP NO RECORD	
1649	190155	5971	13216															RC/RP	
1650	190155	5973	13217															Continue	
1731	190155	6054	13340															Last Shot (short record) TRAP	
1732	190156	6058	13341											10				First shot # 190156 chase record	24th
1733		6059	13342															continue	

CRUISE IG 19-4		LINE PC-F		AREA - PROJECT NE G.MEX Panama City										DATE July 6, 1976					
TIME	REEL	SHOT Pt.No.	RECORD No.	STREAMER DEPTH						GAIN (Db)			TRIP DEL.	REC. LGTH	FOLD	REP. RATE	WATER DEPTH (Fm)	REMARKS	Inits. of Obs
				1	2	3	4	5	6	INIT.	RATE	FINAL							
1734	190156	6061	13344							70	12	120	1.5	10	12	30	489	RC/RP	TSAI
		6063	13345															continue	
1800		6112	13426	20	0	32	41	58									488	streamer depths	
		6157	13503										0.5					change trip delay	
1817	190156	6186	13540															last shot short record	
	190157	6190	13541															first shot n.g.	
1840	190157	6192	13542															first good shot	
1847		6196	13546														328	RC/RP	
1843		6199	13547															continue	
1853		6219	13574															tape don't go	
1859		6232	13610															continue	
1913		6257	13641															tape transport malfunction	
1915		6263	13647	10	0	39	40	58	/									first good record	
1920		6271	13657															malfunction	
1921		6276	13664										0.01					continue, change trip delay	
1924		6280	13670															malfunction	
1925		6283	13673															continue	
1926		6285	13675															malfunction	
1927		6287	13677															continue	
1928		6289	13701															malfunction	
1929		6292	13704															continue	
1932		6297	13711															malfunction	
1934		6301	13715															continue	
1941		6314	13732															malfunction	
1941		6316	13734															continue	
1945		6323	13743															malfunction	
1946		6324	13744															continue	
1954		6341	13765															malfunction	

[illegible]