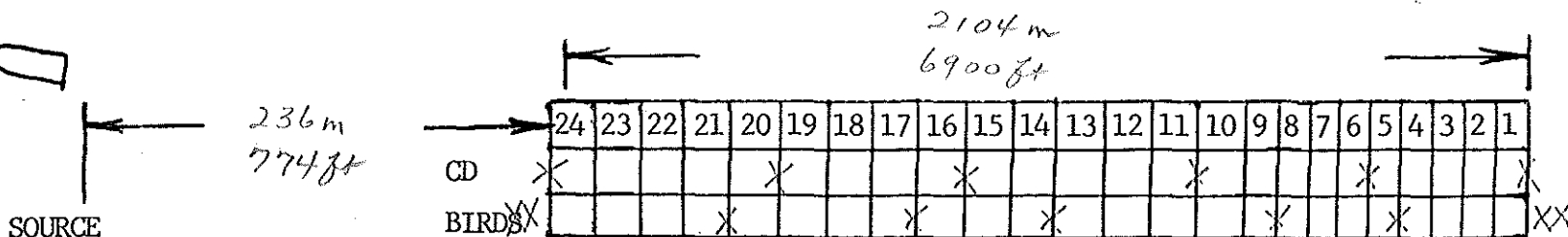


CRUISE <b>IG-23-1</b>	LINE <b>GT2-1</b>	AREA-PROJECT <b>Gulf Tectonics II</b>		DATE <b>4 DEC 76</b>
SYSTEM <b>DFS 10,000</b>		BEGIN - TIME - DATE <b>0010 4 DEC 76</b>		END - TIME - DATE <b>2335 5 DEC 76</b>
		LAT. <b>26° 14.50'</b>		<b>24-25</b>
		LONG. <b>95 44.50'</b>		<b>92-34</b>
		TAPE INFO: record length - <b>12 SEC</b>		
		TAPE SPEED -- <b>22 1/2</b> pack density - <b>356 bpi</b>		
		SPL. RATE -- <b>4 ms</b>		
		RECORD FILTERS HI-cut - <b>alias</b>		
SOURCE <b>4 { 1500 cu in guns { 500 psi</b>		LO-cut - <b>out</b> Slope -		
		SLOPE - Notch <b>none</b>		
GEOPHONES <b>21 phones/group; 5' intervals acc. cancelling 200' dead; 100ft live</b>		REMARKS <b>note to Observer: Record relative fire time at each tape change - use "depth column" &amp; note in remarks</b>		



[illegible]

[illegible]

CRUISE 16-23		LINE GT 2-1		AREA - PROJECT Gulf of Mexico Tectonics - II												DATE 4 Dec 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							
0939	230012	1138	2141	22	31	54	50	60	-	80	13	110	11.0	12	12	30	1620	CONTINUE	EAB
				(32	36	31	32)											REL FIRE TIMES	11
1009																		C/L 120°	TSA1
1031	230012	1241	2310															LAST SHOT	
1032	230013	1245	2314															FIRST SHOT	
1033		1246	2315															RCRP	
1034		1249	2316	21	29	52	47	60	X									CONTINUE	
				(20	31	36	28)											REL. FIRE TIME	
1116																		H/S gun does not work	
1121																		#1, 2 GUNS OUT	
1124	230013																	LAST SHOT	
1125	230013	1348	2461															NO GUNS LAST SHOT	
1127	230014	1353	2467															FIRST SHOT	
1129		1356	2471														1764	RCRP	
1130		1358	2472	20	30	54	48	61	X									CONTINUE	
				80	24	80	23											3 GUNS WORKING	
1200				18	18	80	19											REL. FIRE TIME	
1215																		C/L 115°	
1219	230014	1458	2636															LAST SHOT	
1222	230015	1462	2642															FIRST SHOT	
1222		1463	2643														1806	RCRP	
1223		1465	2644	22	32	57	50	65	X									CONTINUE	
				22	27	80	25											REL. FIRE TIME	
1313	230015	1564	3007															L.S.	
1314	230016	1568	3013															F.S.	
1315		1569	3014															RCRP	
1317		1571	3015															CONTINUE	
1317				21	25	80	26											REL FIRE TIME	

CRUISE			LINE		AREA - PROJECT												DATE		
16-23-1			672-1		Gulf of Mexico Tectonics II												4 DEC 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							
1318				21	30	57	50	64	100	80	13	110	1.0	12	12	30	1822	Only 3 guns working	
1407	23016	1673	3163							80	10	110	2.0	12	12	30		last	JW
	23017	1677	3164															RC/RP	JW
1410		1679	3165	20	27	54	51	68	?	80	10	120					1830	C/t	JW
				(20 23 - 25)														rel. fire times	
		1754	3300							testing								RCRP - no rec?	
		1757	3301															RC/RP	
1450		1759	3302							SB on 25								Continue	
1504		1786	3335	(18 19 - 20)						80	13	120	2.0	12		30	1838		
1505	23018	1790	3341	(18 19 - 20)														RCRP	
				25	34	55	55	70	-	80	10	120	3.0	12	12	30			
1559	23018	1896	3512	(18 17 - 19)						80	10	120	3.0	12	12	30		last	
1601	23019	1901	3516	21	31	-	21			80	10	120	3	12	12	30		RCRP	
				20	32	60	55	70	100+										
1653	23019	2005	3666															last	
	23020	2009	3670															RC/RP NO GOOD	JW
1658	23020	2015	3672															RC/RP 1st GOOD REC.	
		2016		20	33	-	56	66	-	80	10	120	3.5	12	12	80	1867	missed shot	
1659		2017	3673	(18 18 - 18)						rel fire								Continue	
1751	23020	2121	4043															last	END
1753	23021	2124	4046															RCRP	"
1755		2126	4047	20	32	59	59	69	-									CONTINUE	"
				(20 21 80 22)														rel fire times	"
1846	23021	2230	4217															last	"
1847	23022	2233	4222															RCRP	"
1848		2235	4223	20	31	57	50	65	-	80	10	120	3.5	12	12	30	1895	CONTINUE	"
				(19 19 - 21)														rel fire times	"

CRUISE IG-23-1		LINE 672-1		AREA - PROJECT Gulf of Mexico Tectonics II														DATE 4 Dec '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								
1938		2335	4367															NO TB		
1939		2336	4370															O-K		
1940	23022	2340	4374															LAST SHOT	PAR	
1943	23023	2344	4400															RCRP	"	
1943		2346	4401	22	30	-	56	72	-									(section 3 reads over 100')	CONTINUE	"
				(1919 - 20)														REL FIRE TIME	"	
2035	23023	2448	4547															LAST SHOT	"	
2037	23024	2452	4553															RCRP	"	
2037			4554	22	29	-	57	70	-	80	10	120	3.5	12	12	30	1926	CONTINUE	"	
				(1920 - 18)														REL FIRE TIMES	"	
2130	23024	2557	4723															LAST SHOT	"	
2131	23025	2560	4726															TAPE WIND FAILURE	"	
2135	23025	2568	4732															TAPE REWIND FAILURE	"	
2136	23025	2571	4733	20	30	-	55	74	-									REC BUT NO RCRP	"	
2152		2604	4774	17	18	-	20											KEPT MISSING REWIND	"	
2154		2607	4775															REL FIRE TIME	RMK	
				machine can't find record #															CONT. RCRP	RMK
2154	230025	2616	5007															RCRP	FUS	
2201		2621	5010															CONTINUE	"	
2204				22	27	80	25											REL. FIRE TIME	"	
				20	29	100	56	70	100									STREAMER DEPTH	"	
2230	230025	2679	5102															L.S. #230025	ISA1	
2234	230026	2687	5112															F.S. #230026		
2235		2688	5113	22	31	100	48	66	100									RC/RP		
				21	24	80	23											REL FIRE TIME		
2244																		#1 gun doesn't work		
2256		2731	5164															Lost Shot Point, loose reel		
2301																		#1 gun works		
2325																		C/S 800 RPM		

CRUISE IG-23-1			LINE G1T 2-1		AREA - PROJECT Gulf of Mexico Tectonics II													DATE 4 DEC. 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								
2326	230026	2791	5261							80	10	120	3.5	12	12	30		LAST SHOT	TSAI	
2328	230027	2795	5265															FIRST SHOT		
2329		2796	5266															RCRP		
		2797	5266															CONTINUE		
2332		2801	5267	29	31	100	47	65								1953		CONTINUE		
2336				21	22	80	21											Rel fire time		
2343																		SONAR BOY #2 RECORDING		
0022	230027	2903	5435							05 DEC 1976									L.S.	
0025	230028	2909	5443															F.S.		
0026		2910	5444													1956		RC/RP		
0027		2912	5445	21	34	100	51	65	10									CONTINUE		
0029				38	25	80	25											REL. FIRE TIME		
0046																		#1 gun not work		
0117	230028	3013	5612															L.S.		
0119	230028	3018	5617															F.S.		
0120		3019	5620													1959		RC/RP		
0121		3021	5621	19	30	100	55	72										CONTINUE		
0123				80	34	80	30											REL. FIRE TIME		
0154																		c/s 700RPM		
0212	230028	3123	5767	-	31	-	28	-		8.0	10	120	3.5	12	12	30	1960			
0213	230030	3126	5769	23	33	-	23	77	-	"	"	"	"	"	"	"	"	RCRP		
0307	230030	3232	6141	(-	30	-	28	-		"	"	"	"	"	"	"	1962	L.S.		
0308	230031	3235	6142	15	34	-	67	85	-							30	1962	F.S. Change Rep	36	
0308	230031	3236	6143													36	"	RCRP		
										Change Rep Rate to 36 at start of reel 230031										
0411	230031	3340	6312	-	26	-	22	-								36	1965	L.S.		
04	230032	3342	6314													36	1965	F.S.		
04		3344														36	1965	RCRP Did not record		
																			2 Tapes bad	

2 Tapes bad

CRUISE		LINE		AREA - PROJECT												DATE			
JG-23-1		GT2-1		Gulf of Mexico Tectonic II												5 Dec 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							
0415		334		Two tape bad						2300	33		2300	34					
0419	230032	3354	6320	25	23					80	10	120	3.5		12	36	1965		
				24	34	-	62	80	-										
0523	230032	3460	6472															LS	
0524	230035	3463	6473	25	22					80	10	120	3.5		12	36	1964	RCRP	
526		3465	6474	22	30	-	52	68	-									cont	
0628	230035	3568	6643															L.S.	PAB
0630	230036	3571	6646															RCRP	"
0631		3573	6647	17	27	-	53	71	-	80	10	120	3.5	12	12	36	1964	cont.	"
				(-26-20)														rel fire time	"
0734	230036	3677	7016															L.S.	"
0735	230037	3680	7021															RCRP	"
0735		3682	7022	15	27	-	52	68	-	80	10	120	3.5	12	12	36	1952	cont.	"
				(-26-24)														rel fire	"
0838	230037	3785	7171															L.S.	"
0840	230038	3788	7174	20	30	-	50	67	-									Reg (NO RCRP)	"
				31	-	26	-	7)										rel fire	"
0942	230038	3891	7343															L.S.	"
0944	230039	3894	7346															RCRP	"
0944		3896	7347	19	30	-	51	69	-	80	10	120	3.5	12	12	36	1947	cont.	"
				(-24-24)														rel fire time	"
1046	230039	3998	7515															LAST SHOT	
1048	230040	4002	7521															FIRST SHOT	
1049		4003	7522															RCRP	
1050		4005	7523	24	29	100	51	63	100								1948	CONTINUE	
1055				80	26	80	23											Rel Fire time	
1150	230040	4105	7667															L.S.	
1153	230041	4110	7674	20	30	X	56	72	X									F.S. RCRP	



CRUISE		LINE		AREA - PROJECT														DATE	
IG 23-1		GT 2-1		Gulf of Mexico Tectonics II														5 DEC 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							
1154	230041	4112	7675							80	10	120	3.5	12	12	36		CONTINUE	FS
1157				80	27	60	24										1957	REL FIRE TIME	
1257	230041	4215	10044															LAST SHOT	
1258	230042	4219	10050															FIRST SHOT	
1259		4220	10051															RCRP	
1300		4222	10052	22	28	100	53	64	100								1962	CONTINUE	
1301				30	27	60	24											REL. FIRE TIME	
1332																		4/C 130°	
1402	230042	4325	10221															last shot	JW
1404	230043	4328	10223	20	28	-	46	64	-									RC/RP	
1405		4330		-	27	-	24			RFT			35	12	12	36	1960	continue	
1507	230043	4433	10375	26	-	20											1962	LS	
1509	230044	4437	10377	-	26	-	24											FS	
1510	230044	4438	10377	22	30	-	48	64	-				35	12	12	36	1967	RCRP	
1612	230044	4542	10547							80	10	120	3.5	12	12	36		LS	JW
1613	230045	4544	10551	-	28	-	18			RFT								FS - RCRP	Paper map display
1614		4546	10552	22	31	-	48	64	-									Continue	
1716	- 45	4649	10921															LS	
1718	230046	4652	10922	20	32	-	46	62	-									RC/RP	Paper map display
1720		4654	10923	-	26	-	19			RFT								Continue	
1821	230046	4757	11072															LS	RMK
1822	230047	4759	11074	-	26	-	25			RFT								CONT.	RMK
1824		4761	11076	22	32	-	50	63	100	80	10	120	3.5	12	12	36	1988	RC/RP	RMK
1926	230047	4864	11249															L.S.	EAB
1927	230048	4867	11247															RCRP	"
1928		4869	11250	20	30	-	38	54	-									cont.	"
				-	26	-	26											REL FIRE	

CRUISE 16-23-1		LINE GT 2-1		AREA - PROJECT Gulf of Mexico Tectonics II														DATE 6 Dec 76 (6 DEC)	
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
2031	23048	4972	11419															L.S.	EPB
2032	23049	4974	11421															RCRP	"
2033	"	4976	11422	25	35	-	48	64	-	80	10	120	3.5	12	12	36	1988	CONT.	"
				(- 16 - 23) RELS re TIMES															"
2135	23008	5079	11521															L.S.	"
2136	230050	5082	11524															RCRP	"
2137		5084	11525	20	33	-	50	65	-									CONT.	"
				(- 28 - 28) REL FIRE															"
2105																		C/C 120°	
2239	230050	5186	11743															LAST SHOT	TEST
2241	230051	5190	11747														1994	FIRST SHOT, RCRP	
2242		5192	11750	17	29	100	51	64										CONTINUE	
				80	32	80	30											REL FIRE TIME	
2335																		1/2 065° slowly	
2339	GT 2-2			END GT 2-1.														on course, start GT 2-2	
2343	230051	5294	12116															L.S.	
2346	230052	5298	12121															NO T B	
2346		5299	12122															F.S.	
2347		5300	12123															No Time Break	
		5301																" " "	
2348		5302	12122															RECORD	
		5303	12124															RECORD	
2349		5304	12125															RCRP	
2351		5306	12126	25	38	100	52	66	100								1994	CONTINUE	
				80	31	80	29											REL FIRE TIME	
2357																		STEADY ON 065°	

SEE  
PAGE 12,  
LINE GT 2-2.

CRUISE <u>IG - 23</u>	LINE <u>GT2-2</u>	AREA-PROJECT <u>Gulf of Mexico Tectonics II</u>		DATE <u>5 DEC 76</u>
SYSTEM  <u>DFS 10,000</u>		BEGIN - TIME - DATE <u>2339. 5 Dec 76</u>		END - TIME - DATE
		LAT. <u>24-24</u>		
		LONG. <u>92-32</u>		
		TAPE INFO: record length - <u>12</u>		
		TAPE SPEED -- <u>22 1/2</u> pack density - <u>356</u>		
		SPL. RATE -- <u>4 ms</u>		
SOURCE  <u>Bolt Mag 4200 guns</u>		RECORD FILTERS		
		HI-cut -		
		LO-cut - <u>out</u> Slope - <u>also</u>		
		SLOPE - Notch		
GEOPHONES  <u>21 phones/group @ 5' int.;</u> <u>multidyn acc. cam;</u> <u>200' dead; 100' active</u>		REMARKS  <u>Begin line with 2 guns operating</u>		

SOURCE

236 m  
774 ftCD  
BIRDS

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

2104 m  
6900 ft

CRUISE			LINE		AREA - PROJECT													DATE	
ID-23-1			6T2-2		GULF OF MEXICO TECTONICS II													5 DEC 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							
2346	230052	5298	12121															NO T.B.	
2346		5299	12122															FIRST SHOT	
2347		5300	12123															NO T.B.	
		5301																" "	
2348		5302	12122															RECORD	
		5303	12124															RECORD	
2349		5304	12125															RC/RP	
2351		5306	12126	25	38	100	52	66	100								1994	CONTINUE	
				80	31	80	29											REL. FIRE TIME	
2357																		STEADY ON 065°	
0050	230052	5406	12272							— 06 DEC 1976 —								LAST SHOT	
0052	230053	5409	12275														1994	FIRST SHOT, RC/RP	
0053		5411	12276	15	30	100	53	64	100									CONTINUE	
0056				80	26	80	30											REL FIRE TIME	
0155	230053	5514	12445															L.S.	
0158	230054	5518	12451	14	22	Y	50	78	X								1994	F.S. RC/RP	
0159		5520	12452															CONTINUE	
0200					06	30												Rel Fire time	EJS
0301	-54	5624	12622	2														L.S.	FW
0304	230055	5629	12623	21	32	-	47	64	-	80	10	120	3.5	12	12	36		RC/RP	
0305	-	5631	12624	-	16	18	23			18 FT (# 2 intermittent)							1984	CONTINUE	
0408	-55	5735	13004	22	33	-	49	63	-	80	10	120	3.5	12	12	36	1987	9/2 0750 Last Shot	
0410	230056	5737	13005	-	15	12	24			RF								RC/RP	
		5739	13006															CONTINUE	
0513	-56	5843	13160															Last 5846	
0514	230057	5847	13162	-	16	-	17			RF								RC/RP	200 110
0516		5849	13162	20	30	-	49	64	-	80	10	120	3.5	12	12	36	1986	C/E	

CRUISE			LINE		AREA - PROJECT													DATE	
16-23			972-2		Gulf of Mexico - Tectonics II													6 Dec 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							
0528	-57	5871	13212																
0602	-57	5924	13275																
0620		5956	13336																
0638	230057	5985	13372																
0640	230058	5988	13376																
0641		5991	13377	20	30	89	49	64	-	80	10	120	3.5	12	12	36	1970		
0743	230058	6094	13546																
0745	230059	6096	13550																
0746		6098	13551	19	30	82	50	64	-										
0801	230059	6124	13603																
0802	230059	6126	13604																
0848	230059	6202	13720																
0850	230060	6205	13723																
0851		6207	13724	19	30	77	48	64	-	80	10	120	3.5	12	12	36	1957		
0954	230060	6311	14074																
0956	230061	6316	14101																
0957		6318	14102	17	29	77	49	64	-										
1059	230061	6420	14250																
1101	230062	6424	14254																
1102		6425	14255																
1103		6427	14256	20	30	74	49	63	05										
1104				80	22	80	24												
1204	230062	6528	14423																
1207	230063	6532	14430																

[illegible]

CRUISE <i>IG-23</i>	LINE <i>GT2-3</i>	AREA-PROJECT <i>Gulf of Mexico - Tectonics 2</i>		DATE <i>6 Dec 76</i>
SYSTEM  <i>DFS 10,000</i>		BEGIN - TIME - DATE		END - TIME - DATE
		LAT.		
		LONG.		
		TAPE INFO:		record length -
		TAPE SPEED --		pack density -
		SPL. RATE --		
SOURCE  <i>Bolt mag 4200 guns</i>		RECORD FILTERS		HI-cut -
		LO-cut -		Slope - <i>also</i>
		SLOPE - <i>out</i>		Notch
GEOPHONES  <i>multi type are used 21 X 24 groups 100' active 200' dead</i>		REMARKS  <i>Two guns operative at beginning of line One other being repaired</i>		

SOURCE

236 m  
774 ft

2104 m  
6900 ft

	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	X				X				X				X					X						X
BIRDS	X			X				X		X						X	X							XX

CRUISE LG-23		LINE GT2-3		AREA - PROJECT Gulf Tectonics 2														DATE 6 Dec 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							
1643	230068	6993	15323	15	30	-	48	63	-									RC/RP	J+A
		6995	15324	21	-	23	81	8		80	10	120	3.5	12	12	36	1902	cont.	
1747	230069	7100	15475															LS short record	
1748	230069	7102	15477	20	31	-	50	65	-	80	10	120	3.5	12	12	36	1916	RC/RP	
1749		7104	15500	80	21	80	24											cont.	
1857	230068	7207	15647															L.S.	EAB
1853	230069	7210	15652	(-24	-23)	RFT												RC/RP	"
1854		7212	15653	22	33	-	49	62	-	80	10	120	3.5	12	12	36	1927	cont.	"
1956	230069	7314	16021															L.S.	"
1957	230070	7316	16023	26	30	-	49	63	-									RC/RP	"
1958		7318	16024	(-30	-29)	RFT	80	10	120	3.5	12	12	36	1937				cont	"
2103	230070	7423	16173															L.S.	"
2105	230071	7429	16203	24	28	-	49	66	-									RC/RP	"
2106		7431	16204	(-24	-23)	RFT											1948	cont	"
2207	230071	7534	16353															LAST SHOT	J+J
2210	230072	7539	16360															FIRST SHOT, RC/RP	
2211		7541	16361	26	30	88	48	62	100	80	10	120	3.5	12	12	36	1957	CONTINUE	
2214				20	26	80	23											Rel FIRE Time	
2313	230072	7644	16530															L.S.	
2316	230073	7648	16534															F.S.	
2316		7649	16535														1965	RC/RP	
2317		7651	16536	27	28	71	49	34										CONTINUE	
2319				80	35	80	27											Rel fire time	
0019	230073	7753	16704															LAST SHOT, 7 DEC 76	
0021	230074	7757	16710															FIRST SHOT	
0022		7758	16711														1972	RC/RP	
0023		7760	16712	29	27	70	47	61	100									CONTINUE	
0029				-31	-	71												REL FIRE TIME	



CRUISE IG-23		LINE GT2-3		AREA - PROJECT Gulf Tectonics II													DATE 7 DEC, 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							
0026										80	10	120	3.5	12	12	36	1972	C/C 1450	J+J
0109		7836	17026															bad shot (tape loose)	
0110		7837	17027															CONTINUE	
0126	230074	7865	17063															LAST, SHORT SHOT	
0128	230075	7869	17067															FIRST SHOT	
0129		7870	17070														1973	R/C/RP	
0130		7872	17071	30	26	19	08	64										CONTINUE	
0134				80	27	80	26											Rel FIRE Time	
0232	230076	7975	17240															last shot	
0233	230076	7977	17242	27	26	70	50	64	-	80	10	120	3.5	12	12	36	1973	R/C/RP	
0234		7979	17243	32	20	30	42											cont.	
0245		8000								3 guns now firing									JW
0337	236076	8083	17413															last shot	
0338	236077	8085	17415	20	27	62	47	61	-									first shot (missed a shot)	
0339		8087	17416															R/C/RP	
0340		8089	17417	20	21	36	23										1972	cont.	
0442	230077	8191	17565															last shot	
0443	230079	8194	17566	27	28	76	47	61	-									R/C/RP	
0444		8196	17567	20	23	30	80										1971	cont.	
0512		8241								gun # 3 intermittent									
0547	230078	8299	17736															last shot	
0549	230079	8304	17740	20	21	80	21											R/C/RP	
0551		8306	17741	28	29	18	47	52	-								1970	cont.	
0652	230079	8409	20107															L.S.	EAB
0654	230080	8412	20112	28	30	69	47	60	-									R/C/RP	11
0655		8414	20113	20	22	80	21			R.F.T.								cont.	11
0757	230080	8517	20262															L.S.	11
0759	230081	8519	20264															R/C/RP	1
0820		8521	20265																

2AB

6000 5407

CRUISE		LINE		AREA - PROJECT														DATE	
EV-23-1		6T2-3		OULF TECTONICS II														7 DEC 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							
1326		9066	21317														1953	RC/RP	JTS
1327		9068	21320	30	30	68	47	40		80	10	120	3.5	12	12	36	1	CONTINUE	
1333				80	24	26	24											REL FIRE TIME	
1408		9135	21423											3.0				changed delay	JTS
1429	230086	9170	21466															last shot	
1430	230087	9172	21470	80	24	80	2	3										RCRP	
1431		9174	21471	23	32	68	48	23									1742		
1459		9220	21547							70	12	120	2.0						JTS
1511		9239	21572										1.5						
1521		9256											0.5						
1533	230087	9277	21640	32	36	69	48	63										last shot	
1535	230088	9280	21641	80	26	80	27	11									622	RCRP	
1536		9282	21642															cont.	
1638	230088	9386	22012															last shot	
1646	230089	9398	22017	80	26	80	26											RCRP	
1647		9400	22020	33	36	75	48	59									465	cont. (tape 230090 - non/11 detect timing)	
1749	230089	9503	22167															last shot	
1750	230091	9506	22172	33	36	91	47	63										RCRP	
1752		9508	22173	80	27	80	26										415	cont.	
1854	230091	9612	22343															C.S.	EAB
				LAST SHOT POINT OF 6T2-3															11

CRUISE <u>IG-23</u>	LINE <u>6T 2-4</u>	AREA-PROJECT <u>Gulf of Mexico - Teclow's 2</u>		DATE <u>7 Dec 76</u>
SYSTEM  <u>DFS</u> <u>10,000</u>		BEGIN - TIME - DATE		END - TIME - DATE
				<u>0021Z</u> <u>8 DEC</u> <u>76</u>
		LAT.		<u>23° 27.6'</u>
		LONG.		<u>89° 23.2'</u>
		TAPE INFO: record length -		
		TAPE SPEED -- pack density -		
		SPL. RATE --		
		RECORD FILTERS HI-cut -		
SOURCE <u>Bolt mag 4200 guns</u>		LO-cut - <u>out</u>		Slope - <u>alias</u>
		SLOPE -		Notch
GEOPHONES <u>multidyne acc com</u> <u>21-24 groups</u> <u>100' active</u> <u>200' dead</u>		REMARKS  <u>two guns operative at beginning of line, 3rd gun being repaired</u>		

SOURCE

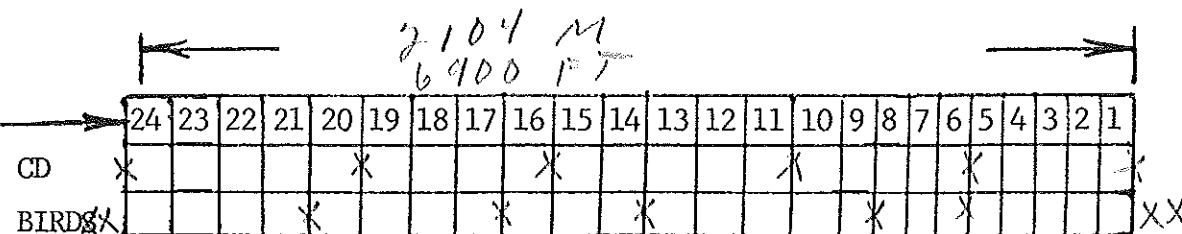
236M  
7745t2104  
690057

	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	*				*				*					*				*						*
BIRD	X			*				*		*		*			*		*	*						X X

END OF 672-4

CRUISE <u>EG-23-1</u>	LINE <u>BT2-5</u>	AREA-PROJECT <u>GULF OF MEXICO TECTONICS II</u>		DATE <u>8 DEC 76</u>
SYSTEM  <u>DFS 10,000</u>		BEGIN - TIME - DATE <u>0021Z 6 DEC 76</u>		END - TIME - DATE
		LAT. <u>23° 27.6'</u>		
		LONG. <u>89° 23.2'</u>		
		TAPE INFO: record length - <u>12 SEC</u> TAPE SPEED -- <u>22 1/2</u> pack density - <u>356 BPI</u> SPL. RATE -- <u>4 MS</u>		
SOURCE <u>4</u> { <u>1500 CU. IN.</u> <u>6 GUNS</u> { <u>500 PSI.</u>		RECORD FILTERS HI-cut - <u>ALLAS</u> LO-cut - <u>OUT</u> SLOPE - Notch <u>NONE</u>		
		REMARKS <u>2 GUNS OPERATING</u>  <u>Trace #11 shows leakage and should be muted out.</u> <u>In some monitors, it is quite noisy</u>		
GEOPHONES  <u>MULTIDYNAL ACE</u> <u>21-24 GROUPS</u> <u>100' ACTIVE</u> <u>200' DEAD</u>				

SOURCE

236 M  
774 FT

CRUISE I. 6. 23-1			LINE 6-77-5		AREA - PROJECT GULF OF MEXICO TECTONICS II										DATE 8 DEC 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							
0021	230098	10187	23435							70	12	120	-0-	12	12	30		F.S.	775
0022		10188	23436	0	0	14	62	100		(turning course)								RC/RP	
0023		10190	23437	80	37	80	33			(FIRE REL TIME)								CONTINUE	
0025																		steady on 335°	
0048		10241	23522															RC/RP (NO T.B.) (shot 1)	
		10244	23522															shots lost (not final)	
0050		10245	23523															CONTINUE	
0051		10247	23525															RC/RP (TOL)	
0052		10249	23526															CONTINUE	
0100										(15)								CHANGE GAIN RATE	
0114	230098	10293	23602	16	13	60	56	77	100	70	15	120	-0-	12	18	30		LAST SHOT	
0117	230099	10298	23607	80	32	28	28			(REL FIRE TIME)								FIRST SHOT RC/RP	
0117	230099	10300	23610															CONTINUE	
0209	230099	10403	237159															last shot	
0210	230100	10406	23762	14	8	96	59	59	-									RC/RP	
0211		10408	23763	20	40	80	33									36	140	continue	
0220		10423								65	18	120	-0-						
0314	230100	10512	24133															last shot	
0315	230101	10515	24135	80	24	22	22									175		RC/RP	
0317		10516	24136	9	13	15	50	22										cont.	
MAKING POOR PROGRESS IN HIGH SEAS. VERTICAL STACKING OF THESE DATA MAY BE DESIREABLE.																			
0419	230101	10621	24306															last shot	
0421	230102	10624	24307	80	20	20	19											RC/RP	
0422		10627	24310															continue	
0433		10644								70	14	115							
0454		10679												1.0					
0525	230102	10730	24457															last shot	

$$J+J+P$$



CRUISE		LINE		AREA - PROJECT												DATE			
10-23-1		GTD-5		GULF OF MEXICO - TECTONICS II												8 DEC, 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							
1259	230111	11487	26032							80	08	115	3.5	12	12	36	1924	RC/RP	8-511
1300		11489	26033	26	27	87	48	62										CONTINUE	
1301				80	18	80	20											Rel fire line	
1401	230111	11571	26201															Last shot	
1403	230112	11594	26204	19	24	17	46	16										RC/RP	
1404		11596	26205	20	18	90	20										1925	cont.	
1506	230112	11699	26354															Last shot	
1507	230113	11701	26356	20	20	80	20											RC/RP	
1508		11703	26357	20	25	100	48	64	-								1928	cont.	
1609	- 113	11804	26524							80	08	115	3.5	12	12	36		last shot	for
1612	230114	11808	26526	-	22	-	20											RC/RP	
1613		11810	26527	20	26	83	47	65	-								1934	continua	
1712	- 114	11909	26672							80	08	115	3.5	12	12	36		Last shot	
	230115	11913	26674															no hit	
		11914																	
		11915	26677	25	24	95	50	68	-									RC/RP	
1717		11918	26700	no REF, low energy air gun problems												1930	continua		
1800				replaced gun, increased compressed air pressure															
1819	230115	12020	27046															LS may have been short record	RN
1821	230116	12023	27051	20	26	69	49	65	100	80	08	115	3.5	12	12			cont	RN
1821		12024	27052	(- 20 - 20)														RC/RP	RN
1822		12026	27053															cont	RN
1923	230116	12128	27221															LS	"
1925	230117	12130	27223															RC/RP	"
1926		12132	27224	25	23	100	49	63	100	80	08	115	3.5	12	12			CONT.	"
1935		12148	27244															RC/RP	"
1937		12150	27245															CONT.	"

CRUISE		LINE		AREA - PROJECT														DATE		
16-23-1		GT-2-5		Gulf of Mexico - Tectonics II														8 Dec. 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								
2028	230117	2235	27371	22	24	10	51	8	-	80	08	115	3.50	12	12	36	1903 F	LAST RCE	BR	
2029	230118	2238	27375							80	08	115	3.50	12	12	36	1903 F	RC/RP	"	
2030	230118	2240	27376							80	08	115	3.50	12	12	36	1903 F	CONT.	"	
2132	230118	12342	27594															L.S.	EOB	
2133	230119	12344	27596	25	24	-	48	66	-									RC/RP	"	
2134		12346	27597	25	23	-	20	7									1912	CONT	"	
2236	230119	12448	27715	20	16	98	50	68	-	80	08	115	3.5	12	12	36		L.S.	HTP	
2238	230120	12453	27722	-	24	-	21										1909	F.S. RC/RP		
2239	230120	12454	27723															CONT.		
2341	230120	12556	30070															L.S.		
2343	230121	12560	30074															F.S.		
2343		12561	30075	20	20	94	48	15									1922	RC/RP		
2344		12563	30076	-	22	-	19											CONTINUE		
0045	230121	12663	30243							09 DEC 1976									L.S.	
0047	230122	12668	30247	25	17	92	50	67									1921	F.S. RC/RP		
0049		12670	30250	-	22	-	19			REL	TIRE	TIME						CONTINUE		
0150	230122	12772	30416															L.S.		
0152	230123	12776	30422	25	24	94	60	15										F.S. RC/RP		
0153		12778	30423	-	20	-	18			REL	TIRE	TIME					1928	CONTINUE		
0255	230123	12881	30592															Just shot		
0256	230124	12883	30594	21	18	89	49	69										RC/RP F.S.		
0257		12885	30595	-	24	-	22			REL	TIRE	TIME					1913	continue		
0326		12932																of air gun problem		
0335		12947																		
0404	230124	13003	30763															L.S.		
0411	230125	13008	30770	21	15	26	48	15									18P5	RC/RP		
0413		13010	30771	15	-	15	15											CONT.		

CRUISE		LINE		AREA - PROJECT												DATE			
16-23-1		672-5		Gulf of Mexico - Tectonics II												9 Dec. 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							
0432	230125	13041	31030															RC/RP	RMK
0432	230125	13043	31110															CONT	RMK
0514	230125	13113	31137															lost shot	
0517																			
1008																		1/2 180°	
PROCESS TAPE # 230126 AS NEXT PORTION																			
OF LINE AFTER # 230123 - <u>SMALL GAP</u> ; NOT CONTINUOUS.																			
1700	230126	14289	33341	32	32	68	51	63	-	80	08	115	3.5	12	12	36		RC/RP	
1701		14290	33342															continue	
1720		14323	33402															DEF ON STANDBY	
1750		14381	33477	14	21	76	36	74	-					12	14-16	26		NOTE REP RATE, FOLD 600ips; # 3 gun irreg	
universal firing rate seems to stabilize # 3 gun																			
1819	230126	14449	33600															LS	RMK
1821	230127	14454	33605							80	08	115	3.5	12	14-16	26		RC/RP	"
1822		14456	33606	15	14	63	51	64	100									CONT	"
1825		14464	33616													30	1888	change Rep rate	
1913	230127	14560	33756															LS	
1915	230128	14564	33762	17	11	63	49	62	100	80	08	115	3.5			1863		RC/RP	
1916		14566	33763															CONT	
2008	230128	14671	34134															LS	
2010	230129	14674	34137	19	17	60	49	64	100							1875		RC/RP	
2012		14677	34146															CONT	
2103	230129	14780	34307															L.S	RMK
2105	230130	14784	34313	19	0	58	47	69	-									RC/RP	RMK
2107		14786	34314	-	-	-	-	-	-							1865		CONT	"
2131																		(2 guns firing)	"
																		O.B. 2 Firing Again	"

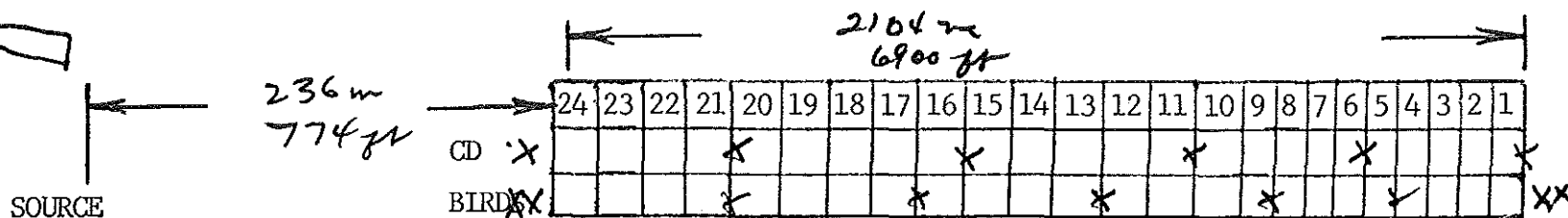
CRUISE		LINE		AREA - PROJECT													DATE		
26-28-1		672-5		Gulf of Mexico - Tectonics II													9 Dec. 1976		
TIME	REEL	SHOT Pt. No.	RECORD No.	STREAMER DEPTH						GAIN (Db)			TRIP DEL.	REC. LGTH	FOLD	REP. RATE	WATER DEPTH (Fm)	REMARKS	Inits. of Obs
				1	2	3	4	5	6	INIT.	RATE	FINAL							
2150	230130	14873	34443							80	8	115		12	12	30	1858		BVK
2200	230130	14891	34465															A.S.	J+J
2203	230131	14900	34476															F.S. RC/RP	
2204		14902	34477	11	0	62	51	66	100	80	8	115	3.5	12	12	30	1857	CONTINUE	
2206				-	31	-	30			REL. FIRE TIME									
2255	230131	15004	34645							80	8	115	3.5	12	12	30		LAST SHOT	
2258	230132	15010	34653															FIRST SHOT	
2259		15011	34654															RC/RP	
2300		15013	34655	17	0	58	47	65	100								1851	CONTINUE	
				-	33	-	31			REL FIRE TIME									
2350	230132	15113	35021							80	8	115	3.5	12	12	30		L.S.	
2353	230133	15119	35027	-	36	-	34			RFT								F.S. RC/RP	
2354		15120	35030	20	8	58	47	62	-								1843	cont	
2357		15127	35036															direct display	
0046	230133	15225	35200							- 10 DEC 1976 -							L.S.		
0049	230134	15231	35206														1840	F.S. RC/RP	
0050		15233	35207	21	5	60	50	64										CONTINUE	
0050				-	35	-	32			(Rel Fire Time)									
0132		15234		1, 2, 3, 4,	11	and	23			slow expansion leakage									
0140	230134	15334	35354	18	5	54	47	62	100	80	8	115	3.5	12	12	30	1832	LAST SHOT	
0143	230135	15339	35361															FIRST SHOT RC/RP	
0144		15340	35362	-	32	-	33											CONTINUE	
										switched monitor from ch. 23 to ch. 22									
0236	230135	15446	35533															last shot rec.	JVA
0238	230136	15449	35534	-	35	-	36			(RFT)								RC/RP	
0239		15451	35535	23	8	54	45	61	-									continue	
0330	230136	15554	35704															last shot	
0332	230137	15558	35705	-	37	-	37											RC/RP	

11-16

CRUISE		LINE		AREA - PROJECT														DATE	
16-23-1		BT2-5		GULF OF MEXICO TECTONICS 2														10 DEC 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							
1221		16445	37455															RECORD-CONTINUE	
1221		16446	37456															RC/RP TRY	
1224		16451	37461															RECORD	
		16454																LOST SHOT	
		16461	37471															TRY FIRST SHOT	
		16462	37472															RC/RP	
1233	230145	16466	37473															RECORD, FIRST SHOT	
1234		16468	37474															RC/RP	
1235		16469	37475															CONTINUE	
1239																		REL. FIRE TAP	
1240																			
1312																		C/C 335°	
1335	230145	16569	37641															LAST SHOT	
1336	230147	16573	37645															FIRST SHOT, RC/RP	
1339		16575	37646															CONTINUE	
1343																		REL. FIRE TAP	
1440	230149	16678	40015															last shot	
1442	230148	16681	40016															RC/RP	
1443		16683	40017															continue	
1444																			
1545	230148	16786	40166															last shot	
1547	230149	16789	40171															RC/RP	
1548		16791	40172															continue	
1650	230149	16894	40341															last shot	
1659	230150	16917	40351															RC/RP	
1705		16919	40352															cont.	
1806	230150	17020	40517															L.S.	
1806	230152	17024	40523															RC/RP	

[illegible]

CRUISE <i>IG-23</i>	LINE <i>G+2-6</i>	AREA-PROJECT <i>Gulf of Mexico Tectonics 2</i>		DATE <i>11 Dec 76</i>
<u>SYSTEM</u>		BEGIN - TIME - DATE		END - TIME - DATE <i>22.40 11 DEC 76</i>
		LAT.		<i>27° 35.7' N</i>
		LONG.		<i>90° 04.4' W</i>
		TAPE INFO:		record length - <b>8 SEC</b>
		TAPE SPEED --		pack density -
<u>SOURCE</u> <i>one air gun</i>		SPL. RATE --		
		<u>RECORD FILTERS</u>		HI-cut -
		LO-cut -		Slope -
<u>GEOPHONES</u>		SLOPE -		Notch
		<u>REMARKS</u> <i>see previous line for info</i>		



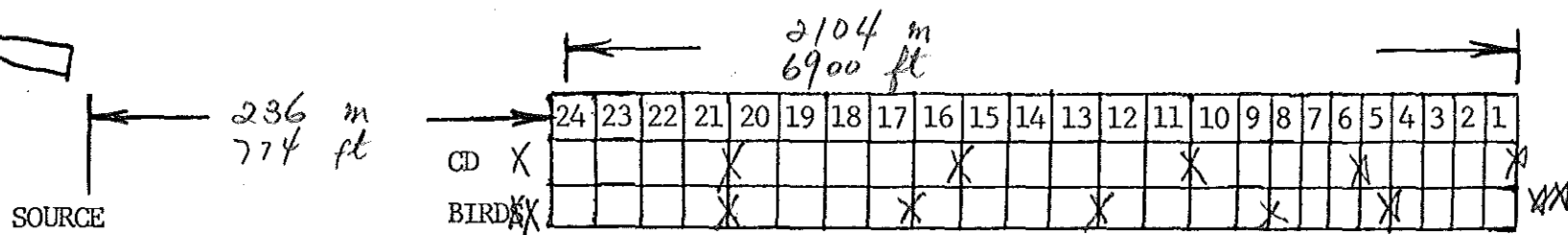


CRUISE IG-23			LINE GT2-6		AREA - PROJECT Gulf Tectonics II													DATE 11 Dec 76	
TIME	REEL	SHOT Pt. No.	RECORD No.	STREAMER DEPTH						GAIN (Db)			TRIP DEL.	REC. LGTH	FOLD	REP. RATE	WATER DEPTH (Fm)	REMARKS	Inits. of Obs
				1	2	3	4	5	6	INIT.	RATE	FINAL							
0905	230153	0001	41410														1200	KC RP	
		0002	41411															Continue	
0956		0085	41534							80	08	110	10	8		36			V+J
1038	230153	0155	41642															L.S	
1041	230154	0160	41647	83	74	68	53	76									875	FS RC/RP	
1041		0161	41650			50												CONTINUE	
1211	230154	0311	42076															L.S	
1214	230155	0315	42102															F.S., RC/RP (tape loose)	NO T.B.
1216		0318	42103	18	84	59	46	70										F.S., RC/RP	
1216		0319	42104	-	-	16	-	-		REL fire line							875	CONTINUE	
1314		0414	42143															SHOT MISSED	
																		TAPE DRIVE OFF	
1317		0420	42151															CONTINUE	
1354	230155	0482	42347							80	08	110	1.0	8	12	36		LAST SHOT	
1357	230156	0487	42354															FIRST SHOT	
1357		0488	42355															RC/RP	
1358		0490	42356	48	26	68	48	75	100								662	CONVUL	
				-	-	18	-	-		REL FIRE TIME									
1533	230156	0647	42313															Last shot (shot record)	
1534	230157	0650	42315	50	31	65	46	68										RC/RP	
1535		0651	42316	-	-	18	-	-										cont.	
1536													101				624		
PRECEDING RECORDS THIS LINE SHOULD BE PLAYED																			
BEFORE STACK, SUSPECT NUMEROUS EARLY FIRINGS STRANGE																			
NOISE ON NEAR-TRACE MONITOR.																			
1708	230157	0805	43050															Last shot	
1709	230158	0808	43051	-	-	18	-	-										KC/RP	
1710		0809	43052	-	33	20	49	-		10	08	110	.01	8	12	36	705	continue	

Relative  
Fire  
Time

CRUISE		LINE		AREA - PROJECT												DATE			
76-23		612-L		Gulf Tectonics II												11 Dec 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							
1923		0859								86	02	120							
				The noise previously mentioned appears intermittent on all channels. It is low frequency $\leq 10\text{Hz}$ so perhaps it can be filtered out. Still don't know the cause. Depth reducers acting funny, etc. Don't know if the two are related or not															JSW
1941		0860		43	92	67	45	65										re plugged #1,3,5	
1817		0921														30		rep rate $\rightarrow$ 30 sec	EPR
1838	230158	0963	43304															L.S.	"
1841	230159	0967	43310	42	90	65	40	65	-	80	08	120	.01	8	12	30	563	RC RP	"
1841		0969	43311	(-	-	27	-)			RFT								CONT	"
1958	230159	1122	43542															LS	RMK
2000	230160	1126	43546	42	92	65	77	63	+100	80	08	120	.01	8	12	30	591	RC/RP	"
2001		1128	43547	(-	-	23	-)			RFT								CONT	"
2119	230160	1284	44003															LS (short record)	RMK
2121	230161	1288	44007	43	93	67	46	65	+100	80	08	120	.01	8	12	30	515	RC/RP	"
2122		1290	44010	(-	-	19	-)			RFT								CONT	"
2218		1401	44170															NO TB	
2218		1402	44171															CONTINUE	
2230																		BEGIN COURSE	
2238	230161	1443	44211															CHANGE TO 155°	
																		L.S.	

CRUISE EG-23	LINE GT2-7	AREA-PROJECT Gulf of Mexico Tectonics II		DATE 11 DEC. 76
SYSTEM  DFS 10,000		BEGIN - TIME - DATE 2240 - 11 DEC. 76		END - TIME - DATE 0352 - 13 DEC 76
		LAT. 27° 35.7' N		
		LONG. 90° 04.4' W		
		TAPE INFO: TAPE SPEED -- 22'12 SPL. RATE -- 4 MS RECORD FILTERS LO-cut - SLOPE -		
SOURCE  One air gun		REMARKS  LEAKAGE ON NEAR 12 AND 14TH TRACES		
GEOPHONES				



CRUISE 1623		LINE 672-7		AREA - PROJECT GULF TECTONICS II													DATE 15 DEC 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							
2243	230162	0001	44253	42	93	68	50	66		80	8	120	101	8	12	30	583	F.S RC/RP	JTJ
2244		0003	44254	-	-	20	-			RFR								CONTINUE	
0001	230162	0157	44506							12 DEC 1976							L.S		
0004	230163	0162	44513	42	92	64	47	65		80	8	120	101	12	12	30	602	F.S RC/RP	
0005		0164	44514	-	-	19	-											CONTINUE	
0056	230163	0265	44661															L.S	
0058	230164	0270	44666															F.S RC/RP (NO TB)	
0059		0272	44667															CONTINUE	
0100		0274	44671															RC/RP (NO TB)	
0102		0278	44672	42	91	65	48	63		40	6	120	101	12	12	30	661	CONTINUE	
0103				34	-	35	-			REL								FIRE TIME	
0109		0292	44711															RC/RP (NO TB)	
0116		0294	44711															CONTINUE	
0153	230164	0380	45040															L.S	
0156	230165	0386	45045															F.S RC/RP (NO TB)	
0157		0388	45046														698	CONTINUE	
0158		0390	45050	42	92	66	46	67	-									RC/RP	
0159		0392	45051	37	-	33	-			RFT								CONTINUE	
0217		0429	45114											0.5					
0248	230165	0490	45213	38	-	38	-											LAST SHOT	
0249	230166	0493	45216	38	-	36	-											RC/RP	
0250		0495	45217	14	91	67	51	67										CONTINUE	
0253		0500	45224											1.5					
0343	230166	0601	45371															LAST SHOT	
0345	230167	0604	45372	39	-	37	-											RC/RP	
0346		0606	45373	13	89	66	49	65									1136	CONTINUE	
0405		0644	45441											2.0					
0438	230167	0710	45543															LAST SHOT	

CRUISE		LINE		AREA - PROJECT										DATE					
36-23		GT2-7		Gulf Tectonics II										12 DEC '96					
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							
0439	230168	0713	45545	41	92	66	50	65										RC/RP	
0440		0715	45546	36-	36-	-											1195	CONTINUE	
0532	230168	0819	45716															LAST SHOT	
0534	230169	0822	45717	40-	35-	-												RC/RP	
0535		0825	45720	42	91	66	48	63									1270	CONTINUE	
0627	230169	0928	46070															LS	RMK
0629	230170	0933	46075															RC/RP machine could not find beginning of record	RMK
0632		0938	46076						80	08	115	2.0	12	12	30			RC/RP poor record has part of pair one	11
0633		0940	46077															CONT	11
0634		0945	46104														1325	RC/RP good RC/RP	11
0725	230170	1044	46246															C.S.	11
0726	230171	1047	46251	36	92	70	62	87	-	80	68	115	2.0	12	12	30		RCRP	11
0727		1049	46252	(43-41-)						REF							1385	cont.	11
0819	230171	1153	46422															LS	11
0821	230172	1157	46426															RC/RP (right out of paper)	11
0822		1159	46427															CONT	11
0826		1167	46437	44	92	68	47	64	+100	80	08	115	2.0	12	12	30	1445	RC/RP	11
0827		1169	46440															CONT	11
0915	230172	1265	46600															LS	11
0917	230173	1268	46603	43	92	67	50	64	+100	80	08	115	2.0	12	12	30	1493	RC/RP	11
0918		1270	46604															CONT	11
1009	230173	1373	46753															LAST SHOT	FJS
1013	230174	1380	46762							80	08	115	(3.0)	12	12	30		RC/RP	
1014		1382	46763	44	91	67	50	67	+100									CONTINUE	
1017				37	-	38	-										1553	REL FIRE TIME	
1106	230174	1485	47132															LS	
1108	230175	1490	47137	43	92	44	47	61		80	08	115	3.0	12	12	30	1569	F.S. RC/RP	
1109		1492	47140	41	8	39	-			REF								CONTINUE	

CRUISE EG 23			LINE GT 2-7		AREA - PROJECT Gulf Tectonics II													DATE 12 DEC, 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	230175	1594	47306							80	08	115	3.0	12	12	30		LAST SHOT	J+J
1202	230176	1594	47313															FIRST SHOT	
1203		1600	47314														1590	RC/RP	
1204		1602	47315	44	91	66	48	63	160									CONTINUE	
1205				31	-	35	-			RFT									
1254	230176	1703	47462															L.S.	
1256	230177	1707	47466															F.S.	
1257		1708	47467	43	93	67	49	64								1610	RC/RP		
1259		1710	47474	31	-	28	-			RFT								CONTINUE	
1349	230177	1814	47637	32	-	28	-			RFT								L.S.	
1352	230178	1818	47645	42	92	67	47	64	160	80	08	115	3.0	12	12	30		F.S. RC/RP	
1353		1820	47646															CONTINUE	
1452	230178	1925	50031							TAPE RAN OUT, L.S. is ESTIMATE						L.S. (?)	(MISSED AGAIN) 10 SHOTS		
1453	230179	1940	50035	44	91	66	48	64										RC/RP	
1454		1942	50036	30	-	29	-									1649	CONTINUE		
1546	230179	2047	50207															L.S.	
1547	230180	2050	50212	30	-	31	-											RC/RP	
1549		2052	50213	44	93	68	51	65								1660	CONT		
1641	230180	2151	50363															L.S.	
1642	230181	2160	50364	30	-	36	-											RC/RP	
1644		2162	50365	45	92	66	48	65								1638			
1736	230181	2266	50535	30	-	36	-											L.S.	
1737	230182	2269	50536															RC/RP	
1738		2271	50537	45	92	69	50	66								1693			
1830	230182	2375	50707															L.S. Short record	RMK
1832	230183	2379	50713	45	93	67	49	64	160	80	08	115	3.0	12	12	30	1705	RC/RP	RMK
1833		2381	50714															CONT	"
1830	230183	2490	51071															L.S.	

CRUISE		LINE		AREA - PROJECT										DATE					
JG-23-1		GT-2-7		Gulf of Mexico - Gulf Tectonics II										12 Dec '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							
1932	230184	2498	51074	44	93	67	47	62	100	80	08	115	30	12	12	30	1723	RC/RP	RMK
1933		2500	51075	32	-	34	-			RFT								CONT.	"
2024	230184	2603	51244															LS	END
2027	230185	2608	51251	44	93	66	51	57	-									RCRP	01
2028		2610	51252	33	-	36	-			RFT							1748	CONT	"
2032		2620	51252	Dial was on Man. Rec instead of Auto Rec.														CONT	"
2127	230185	2725	51421															missed end of tape	LS?
2128	230186	2731	51431															tape didn't drop and	RCRP
2131		2737	51432															had record	RCRP
2132		2739	51433															CONT	"
2135		2745	51441	45	92	66	49	62	-								1775	RCRP	"
2136		2747	51442	33	-	36	-			RFT								CONT	"
		2762	51461															No time break	"
2148		2771	51471															RCRP	"
2149		2773	51472															CONT	"
2151		2776	51476															RCRP	"
2152		2728	51477															CONT	"
2227	230186	2848	51605															LS	J+J
2230	230187	2856	51615	44	92	67	51	63									1787	F.S. RC/RP 9/170°	
2232		2858	51616	35	-	38	-			RFT								CONTINUE	
2324	230187	2962	51766															LAST SHOT	
2326	230188	2966	51772															FIRST SHOT	
2326		2967	51773															RC/RP	
2327		2969	51774	44	93	67	48	65	100	80	08	115	30	12	12	30	1807	CONTINUE	
2328				33	-	36	-			RFT									
0018	230188	3071	52142							13 DEC 1976								LS	13 DEC. 76
0020	230189	3076	52147	32	-	32	-			RFT							1823	F.S. RC/RP	
0021		3078	52156	44	93	67	50	64	100	80	08	115	30	12	12	30		CONTINUE	

✓ RFT = Relative Fire Time

13 DEC 1976

CRUISE		LINE		AREA - PROJECT												DATE				
L.B. 23-1		GT2-7		GULF OF MEXICO TECTONICS II												13 DEC 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								
0112	230189	3181	52317	44	43	66	49	67	100	80	08	115	3.0	12	12	30		LAST SHOT		
0116	230190	3187	52326	42	-	43	-			REL. FIRE TIME							1827	FIRST SHOT RC/RP		
0117		3189	52327															CONTINUE		
0208	230190	3292	52475															L.S.		
0209	230191	3295	52476	44	42	66	48	65										RC/RP (MONITOR OUT OF PAPER)		
0210		3297	52479	33	-	-	-										1839	CONTINUE		
0302	230191	3401	52647															L.S.		
0304	230192	3404	52651	32	-	28	31											RC/RP		
0305		3406	52652	44	42	66	49	60									1945	CONT.		
		3497	53005															L.S.		
0348		3492	END OF GT2-7																	
			STARTING LINE GT2-G1-1																	





NECE 1

CRUISE		LINE		AREA - PROJECT														DATE	
10-23-1		6-2-61-1		Gulf Tectonics II														13 DEC 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							
0421	230192	3576	53124															1st shot of new line	
0426	230192	3588	53140															L.S.	
0427	230193	3591	53142	38	35	70	50	72										RC/RP	
0427		3593	53143	35	-	27	26									1863		CONTINUE	
0507	230193	3696	53312															L.S.	
0510	230194	3704	53314	35	92	69	77	74										RC/RP	
0511		3706	53315	31	-	35	-									1862		CONT	
0550	230194	3809	53464															L.S.	
0552	230195	3814	53465	37	-	34	28											RC/RP	
0553		3816	53466	38	91	26	46	65								1860		CONT	
0632	230195	3917	53633															L.S.	MB
0633	230196	3921	53637	37	90	66	43	67	-	80	08	115	3.5	12	24	23		RCRP	"
0639		3923	53640	36	-	36	33			2 F.T.						1856		cont.	"
0714	230196	4028	54011															LS short record	RMK
0716	230197	4034	54017	38	88	67	48	68	100	80	08	115	3.5	12	24	23	1855	RC/RP	"
0717		4036	54020															cont	"
0757	230197	4139	54170															LS No Time Break	RMK
0758	230197	4141	54172															L.S.	"
0759	230198	4144	54174	37	89	64	49	72	-							1851		RCRP	"
0800		4146	54175	36	-	39	43			R.F.T.								cont.	"
0839	230198	4249	54345															L.S.	"
0841	230199	4255	54352	36	87	66	49	69	-									RCRP	"
0842		4257	54353	39	4	30	28									1850		cont.	"
0923	230199	4363	54525															L.S.	"
0924	230200	4367	54530	36	89	66	47	68	-									RCRP	"
0925		4369	54531	41	-	37	30			R.F.T.						1851		cont.	"
1004	230200	4472	54700															L.S.	
1010	230201	4485	54715															F.S.	

NEGE 1

CRUISE 26-23		LINE GT2-G1-1		AREA - PROJECT Gulf Tectonics II												DATE 13 DEC, 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							
1010	230201	4486	54716							80	08	115	3.5	12	24	23		RC/RP (NO T.B)	
1012		4493	54717															CONTINUE	
1013		4494	54720															RC/RP (NO T.B)	
1014		4498	54721															CONTINUE	
1015		4499	54722															RC/RP (NO T.B)	
				DISMOUNT						230202			INPUT						
1018	230201	4508	54724	38	89	66	48	70										F.S. RC/RP	
1019	STILL	4510	54725	39	-	38	29			RFT								CONTINUE	
1024										80	08	115	3.5	12	24	23	1848		
1035																		c/c 060°	
1059	230201	4612	55073															L.S.	
1102	230203	4621	55104	38	88	66	46	57										F.S. RC/RP	
1102		4623	55105	40	-	36	40			80	08	115	3.5	12	24	23	1844	CONTINUE	
1141	230203	4724	55252															LAST SHOT	
1144	230204	4731	55261															FIRST SHOT RC/RP	
1145		4733	55262	36	87	66	47	69	70								1844	CONTINUE	
1146				36	-	36	29			REL.	TIME	TIME							
1209																		c/c 065°	
1225	230204	4837	55432															L.S.	
1227	230205	4846	55441	37	88	68	48	69	-									F.S. RC/RP	
1228		4846	55442	32	-	33	26											CONTINUE	
1240	230205	4877	55502															LAST SHOT	
1241																		STANDBY; RUN TO	
																		NEXT GRID LINE	
	230206																		
										END GT2-G1-1									

CRUISE IG 23			LINE <del>612-61-2</del>		AREA - PROJECT Gulf Tectonics II													DATE 13 DEC 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								
1600	230206	5398	56511	(35	-	34	-)			80	08	115	3.5	12	24	23	1836	Launch SB, RCIRP, Begin	JW	
1601		5401	56514	37	90	65	52	75	-									Cont.		
1640	230206	5504	56663															L.S.		
1643	230207	5512	56665	40	90	66	48	69										RC/RP		
1644		5514	56666	34	-	34	28										1838	CONT.		
1725	230207	5618	56036															L.S.		
1727	230208	5626	56040	35	-	35	37											RC/RP		
1728		5628	56041	40	89	66	48	71									1840	CONT.		
1807	230208	5732	57211															LS	RMK	
1810	230209	5738	57217	38	89	67	49	71	-	80	08	115	3.5	12	24	23	1838	RC/RP	"	
1811		5740	57220	38	-	37	40			RFT								Cont.	"	
1850	230209	5844	57370															LS	AB	
1852	230210	5848	57374	39	92	66	48	67	-									RC/RP	"	
1853		5850	57375	40	-	35	31			RFT								cont	"	
1932	230210	5955	57546															LS		
1935	230211	5960	57553	38	92	67	49	67	100								1845	RC/RP	RMK	
1935		5962	57554	38	-	36	40											CONT	"	
2017	230211	6069	57727	37	92	68	46	67	100	80	08	115	3.5	12	24	23	1848	LS (short record)	"	
2018	230212	6073	57733	36	-	33	30											RC/RP	"	
2019		6075	57734															cont	"	
2101	230212	6181	60106															LS	RMK	
2103	230213	6189	60116	37	91	67	48	70	100	80	08	115	3.5	12	24	23	1852	RC/RP	"	
2104		6191	60117	35	-	33	25			RFT								CONT	"	
2147	230213	6301	60276															L.S.	"	
2147	230214	6305	60301	41	92	68	48	66	-								1855	RC/RP	"	
2148		6307	60302	36	-	34	31			R.F.T.								CONT	"	
2226	230214	6411	60452							TAPE NOT DEVELOPED/CLEANED								LAST SHOT		
2240	230215	6441	60505							MOUNTED NEW TAPE, NO RC/RP								FIRST SHOT, RC/RP		

NECE 2

CRUISE		LINE		AREA - PROJECT												DATE			
IG-23		GT2-61-2		Gulf Tectonics II												13 DEC. 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							
2240		6444	60506															CONTINUE	
2251				4294	68	51	68												
2251				34-	32	07											1860		
2320	230215	6548	60656																
2323	230216	6555	60665															LAST SHOT	
2323		6556	60666															FIRST SHOT	
2325		6559	60667	4293	67	47	65	100	80	08	115	3.5	12	24	23	1860		RC/RP	
				33-	34	30												CONTINUE	
2340	230216	6601	60741	3992	67	51	67	100	80	08	115	3.5	12	24	23	1861		L.S	
2340		TAPE TRANSPORT ON STANDBY END OF LINE GT2-61-2															c/c 155°		
																		c/s 750 RPM	
															</				

NECE 3

CRUISE		LINE		AREA - PROJECT														DATE	
16-23-1		47-61-3		VULF OF MEXICO TECTONICS II														14 DEC 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							
0544	230217	7550	62621	20	73	66	56	-										F.S. RC/RP	
0545		7552	62622	47	-	30	31										1865	CONTINUE	
0625	230217	7635	62771															L.S.	773
0627	230218	7661	62777															RCRP	11
0629		7665	63000	26	73	66	47	100	-									RCRP	11
0629		7667	63001	42	-	37	41			RF							1860	cont	11
0708	230218	7770	63150															LS	RMK
0710	230219	7775	63155															RCRP	11
0711		7777	63156															CONT	11
0712		7779	63160	28	78	66	55	100	100	80	08	115	3.5	12	24	23	1856	RC/RP	11
0713		7781	63161															CONT.	11
0752	230219	7883	63327															L.S.	EAB
0754	230220	7888	63334															RCRP REC	EAB
0755		7889	63335	29	80	67	54	-	-									RCRP	11
0756		7891	63336	40	-	38	36			RF								cont.	11
0838	230220	8002	63513															PARTIAL REC L.S.	DRP
0839	230221	8006	63517	29	82	65	52	100	100									RC/RP	11
0840	"	8009	63520															CONT	11
0842		8013	63522																
0823	230221	8114	63674															LS	RMK
0825	230222	8125	63702	34	84	67	48	73	100	80	08	115	3.5	12	24	23	1850	RC/RP	11
0826		8127	63703															CONT	11
1006	230222	8232	64055															LS	
1009	230223	8240	64064															NO T.B.	
1010		8243	64066	33	85	66	49	88									1850	F.S. RC/RP	
1011		8245	64067	40	-	39	80											CONTINUE	
1052	230223	8352	64242															L.S.	
1055	230224	8359	64251															FS	

NECE 3

[illegible]

NECE 3

CRUISE		LINE		AREA - PROJECT										DATE						
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							
1411	230228	8870	65178	59	27	65	14	1												
1412		8872	65176	32	-	32	-													
1449	230228	8971	65340	39	-	30	-													
		END		OF		LINE		GT2-61-3												



NECE 4

CRUISE		LINE		AREA - PROJECT												DATE			
IG-23		6-2-61-4		Gulf Tectonics II												14 DEC. 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							
2243	230237	208	67617							80	08	115	1.5	12	24	23		F.S. C/S 600 RPM T-R	
2244		209	67620	39	90	70	50	66										(NO. T.G.) RC/RP (good)	
2245		212	67621	32	-	36	-						2.0				1402	CONTINUE	
2307		"											2.0						
2326	230237	319	67774															L.S.	
2328	230229	0325	70002															F.S. RC/RP (No film)	
2329		0328	70003															CONTINUE	
2330		0330	70005															RC/RP (N.G.)	
2331		0333	70006	36	90	70	50	66										CONTINUE	
2333				(36	-	36	)												
0011	230229	0437	70156	40	90	70	50	67					2.0				-15 DEC 1976-	L.S.	
0013	230230	0444	70165	(35	-	36												F.S.	
0014		0445	70166															RC/RP (N.G. No Film)	
0015		0446	70167															CONT.	
0017		0452	70174															RC/RP (N.G.)	
0018		0454	70175															CONT.	
0018		0455	70176															RC/RP (N.G.)	
0019		0458	70177															CONT.	
0028		0480	70225															RC/RP (N.G.)	
0029		0484	70226															CONTINUE	
0058	230230	0559	70341															L.S.	
0101	230231	0567	70351															F.S.	
0102		0570	70352																
0104		0572	70354	40	90	70	50	65											
0104		0575	70355	37	-	37	-												
0107		0584	70366																
0109		0586	70367																
DISMOUNT TINS																			

NECE 4

CRUISE 16-23-1			LINE <del>672-61-4</del>		AREA - PROJECT GULF OF MEXICO TECTONICS II												DATE 15 DEC 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							
0112	230231	0597	70401															REC FIRST SHOT	
0113		0598	70402															RC/RP	
0114		0600	70403	3888	68	48	67	100	80	08	115	2.0	12	24	23	1849		CONTINUE	
0117				37	-	37	-												
0124																			
0136																			
																		c/c 3750	
																		c/s 550 RPM	
0136																		3.5 NOT WORKING	
0150																		3.5 WORKING	
0152	230231	0700	70547															L.S.	
0154	230232	0706	70555															F.S. RC/RP (N.G.)	
0157		0713	70556															F.S.	
0157		0714	70557	3687	68	0768			80	08	115	3.0	12	24	23	1845		RC/RP	
0158		0716	70560	41	-	36	-											CONTINUE	
0239	(230232)	0819	70727															L.S.	
0240				DFS ON STANDBY - LOOP BACK TO PICK UP LINE															
				Note change in tape sequence															
0420	(230295)	1086	71036	31	-	29	26											RC/RP	
0421		1088	71037	43	44	75	51	75					3.7				1843	CONTINUE	
0500	230295	1192	71207															L.S.	
0504	230296	1202	71214	89	92	125	171											RC/RP	
0505		1205	71215	29	-	29	26										1847	CONT	
0528		1264		Tape XP Standby															cont.
0529		1268		Standby															
		1269																	cont
		1272																	
0556	230296																	End	JSL

0510

NEGE 4

[illegible]

NECE 5

CRUISE IG-23		LINE <del>612-615</del>		AREA - PROJECT Gulf Tectonics II													DATE 15 DEC 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							
1108	230310	2149	73030	39	93	70	52	72		80	08	115	3.7	12	24	23	1833	F.S	147
1108		2150	73031	31	-	29	33											RC/RP	
1109		2152	73032															CONTINUE	
1148	230310	2253	73177															LAST SHOT	
1150	230311	2260	73206							80	08	115	3.7	12	24	23		FIRST SHOT	
1150		2261	73207	30	-	30	37											RC/RP	
1151		2264	73210	41	92	168	49	79	16								1840	CONTINUE	
1230	230311	2365	73354															L.S	
1233	230312	2372	73362	4	91	6	50	72									1842	F.S RC/RP	
1234		2374	73363	30	-	28	36											CONTINUE	
1312	230312	2474	73527															LAST SHOT	
1315	230313	2482	73537															FIRST SHOT, RC/RP	
1316		2484	73540	38	91	67	45	168	160								1843	CONTINUE	
				33	-	30	27			REL FIRE TIME									
1310																		C/C 150°	
1310																		C/S 550 RPM	
1355	230313	2585	73705															L.S	
1358	230314	2591	73713	38	88	70	47	72									1843	F.S RC/RP	
1358		2593	73714	28	-	28	32											CONTINUE	
1438	230314	2697	74064															L.S.	
1439	230315	2701	74070	34	-	29	40											RC/RP	
1440		2703	74071	40	89	69	49	68									1842	CONTINUE	
1519	230315	2806	74240															L.S.	
1521	230316	2810	74244	30	-	29	81											RC/RP	
1522		2812	74245	15	85	15	51	65									1841	CONTINUE	
1602	230316	2917	74416															L.S.	
1603	230317	2921	74422	30	-	27	31											RC/RP	
1604		2923	74423	45	94	19	50	15									1840	CONTINUE	

NECE 5

CRUISE		LINE		AREA - PROJECT														DATE	
1623		CT-615		Gulf Tectonics II														15 DEC 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							
1605										80	08	115	3	12	24				
1645	230317	3028	74574															L.S.	
1646	230318	3032	74577	34	-	30	34											RC/RP	
1647		3034	74600	46	45	70	48	50								1838		CONTINUE	
1658±			Lost Time							Blank	-	no tape record							
1736		3161	75001															Restart Tape	
1804	230318	3236	75114															LS	PMX
1806	230319	3241	75121	43	74	69	48	63	81	80	08	115	3.0	12	24	23	1841	RC/RP	"
1807		3243	75122															CONT	"
1846	230319	3345	75270															L.S.	PMX
1850	230320	3355	75301	37	87	66	47	59	-							1637		RC/RP	PMX
1851		3358	75303	(30	-	31	32)											cont	"
1930	230320	3461	75452															L.S.	"
1932	230321	3466	75459	37	88	58	46	59	-							1191		RC/RP	"
1934		3468	75460	(32	-	31	33)			R.F.T.								cont	"
2013	230321	3571	75627															LS	PMX
2015	230322	3578	75636	37	74	71	47	69	100	80	08	115	3.0	12	24	23	1104	RC/RP	"
2016		3580	75637															CONT	"
2037		3635	75726										1.5					change tape	"
2041		3645	75740										1.0						
2055	230322	3685	76010															LS	PMX
2059	230323	3693	76020	39	42	69	49	69	-							1038		RC/RP	PMX
2100		3695	76021	(29	-	29	30)			R.F.T.								cont	"
2142	230323	3800	76172															LS	"
2143	230324	3806	76200	39	41	70	50	70	-							1010		RC/RP	"
2143		3808	76101	31	-	32	25)			R.F.T.								CONT	"
2200		3850	76252															End of line section	"
																		Transport on STBY	"

CRUISE		LINE		AREA - PROJECT										DATE							
IGT 23		672-61-6		Gulf Tectonics II										15 DEC 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									
2207	230324									80	08	115	1.0	12	24	23		4/s 750 RPM	JTS		
0030																		4/s 835°			
0045																		4/s 500 RPM			
0050	230324	4295	77147															F.S. START GT2-61-6			
0108														1.5							
0113	230324	4355	77243															LAST SHOT			
0118	230325	4364	77261															FIRST SHOT			
0119		4370	77262															RC/RP			
0120		4372	77263	38	87	68	47	71	100								1189	CONTINUE			
				30	-	31	31			REL FIRE TIME											
0159	230325	4474	77431															LAST SHOT			
0202	230326	4483	77442															FIRST SHOT			
0203		4484	77443															RC/RP			
0203		4486	77444	37	88	70	49	72	100								1264	CONTINUE			
0206				33	-	33	33			REL FIRE TIME											
0211														2.0							
0244	230326	4591	77615															L.S.			
0245	230327	4595	77616	31	-	32	33											RC/RP			
0246		4597	77617	35	88	69	50	72										CONTINUE			
0331	(230327)	4714								TAPE RAN OFF (L.S. IS A GUESS) L.S.											
0332	(230328)	4717	00003	31	-	31	33			GAP IN TAPE NUMBERS								RC/RP			
0333		4719	00007	38	89	69	50	72									1832	CONTINUE			
0413	230345	4822	00156															L.S.			
0414	230346	4826	00157	70	-	29	31											RC/RP			
0414		4828	00160	36	80	70	50	72									1835	CONTINUE			
0454	230346	4931	00327															L.S.			
0457	230347	4939	00381	29	-	30	32											RC/RP			
0458		4941	00332	34	86	70	50	75									1836	CONTINUE			

NECE 6

CRUISE		LINE		AREA - PROJECT														DATE	
16-23		6-2-61-6		Gulf Tectonics II														16 DEC 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							
0537	230347	5044	00501							80	08	115	2.0	12	24	23		L.S.	
0538	230348	5048	00502	52	-	30	23											RC/RP	
0539		5050	00503	30	27	69	50	75									1835	CONTINUE	
0619	230348	5153	652															LS	
0621	230349	5158	657	36	25	69	51	77	100	80	08	115	3.0	12	24	23	1853	RC/RP	
0622		5160	660															CONT	
0701	230349	5264	1030															L.S.	EP/B
0703	230350	5268	1034	35	84	70	49	71	-								1851	RC/RP	11
0709		5270	1035	(32	-	30	33)			RFT								cont	11
0744	230350	5374	1205															LS	PMK
0745	230351	5377	1210	33	82	66	47	70	100	80	08	115	3.0	12	24	23	1855	RC/RP	11
0746		5379	1211															CONT.	11
0748		5382	1214															capstan slipping	
0748		5384	1216																
0751		5393	1227															good record, previous ones maybe bad	
0828	230351	5489	1267															L.S.	EP/B
0829	230352	5492	1372	(2	82	66	48	70	-								1857	RC/RP	11
0830		5495	1373	(31	-	30	33)			RFT								cont	11
0909	230352	5597	1542															LS	PMK
0911	230353	5602	1547	31	80	66	48	82	100									RC/RP	11
0912		5604	1550															CONT	11
0951	230353	5707	1727															LS	11
0954	230354	5713	1725															RC/RP out of paper	11
0955		5715	1726															CONT	11
0956		5717	1730															RC/RP	11
0956		5720	1731															CONT	
1000		5730	1743															L.S.	
				END OF GITZ-01-6															

NECE 7

CRUISE IG 23			LINE 672-617		AREA - PROJECT Gulf Tectonics II										DATE 16 DEC. 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							
1000	230354									80	08	115	3.0	12	24	23		c/c 205°	FIN
1116																		<del>c/s 750 RPM</del>	
1215																		c/c 180°	
																		c/s 750 RPM	
																		c/c 155°	
1225	230354	6108	2535	38	89	57	50	70										c/s 600 RPM	
				(31 - 33 32)						RFT							F.S. 672-617		
1259	230354	6197	2666															L.S.	
1302	230355	6204	2675	38	88	65	47	69										F.S. RC/RP	
1303		6206	2676	30		32	33										1861	CONTINUE	
1316																		CHG RPM / 550 RPM	
1342	230355	6307	3043															L.S.	
1344	230356	6314	3052	38	85	65	48	59									1863	F.S. RC/RP	
1345		6316	3053	30		33	32											CONTINUE	
1425	230356	6421	3224															L.S.	
1426	230357	6424	3225	31		32	33											RC/RP	
1427		6426	3226	36	95	65	48	71									1833	CONTINUE	
1507	230357	6530	3376	31		34	34											L.S.	
1508	230358	6534	3402															F.S.	
1509		6536	3403															RC/RP	
1510		6538	3404	36	85	68	50	71									1864	CONTINUE	
1551	230358	6643	3555															L.S. (short record)	
1552	230359	6647	3556	31		33	32											RC/RP	
1553		6649	3557	36	84	67	49	75									1866	CONTINUE	
1635	230359	6753	3727															L.S.	
1641	230360	6775	3734	32		34	34											RC/RP	
1642		6777	3735	38	86	66	48	70									1867	CONTINUE	



CRUISE		LINE		AREA - PROJECT												DATE			
16-23		612-61-7		Gulf Tectonics II												16 DEC 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							
1721	230360	6878	4102							98	08	115	3.0	12	24	23		L.S.	
1722	230367	6882	4106	38	85	65	48	90										RC/RP	
1723		6884	4107	27	-	32	31										1866	CONTINUE	
1802	230367	6986	4756															L.S.	RMK
1803	230368	6990	4261	36	84	65	48	69	-									RCRP	11
1804		6992	4262	29	-	32	31										1865	cont	11
1846	230368	7097	4433															L.S.	11
1847	230369	7104	4442	39	87	64	48	57	-								1865	RCRP	11
1848		7106	4443	29	-	32	33											cont.	11
1928	230369	7212	4615															L.S.	RMK
1930	230370	7217	4622	39	85	65	48	69	100	80	08	115	3.0	12	24	23	1862	RC/RP	11
1931		7219	4623	34	-	33	33											CONT	11
1955		7282	4722									2.0						change trip	11
2015	230371	7331	5007	4	8	6	5	7	7	-80	08	115	2.0	12	24	23	~1600	RC/RP	11
2016		7338	5008	30	-	32	33			RFT								cont	11
2056	230371	7442	5161															L.S. start record	
2059	230372	7449	5170	42	90	65	47	69	100	80	08	115	2.0	12	24	23	1868	RC/RP	
2100		7451	5171															CONT	
2105		7464	5206										3.0					change trip	11
2111		7482	5230										3.5					change trip	11
2140	230372	7555	5341															L.S.	
2142	230373	7558	5344	39	91	65	49	68	-								1870	RCRP	11
2142		7560	5345															cont	11
2221	230373	7665	5515															LAST SHOT	JTG
2225	230374	7672	5525															FIRST SHOT	
2225		7673	5526															RC/RP	
2226		7675	5527	40	89	64	50	67	100	80	08	115	3.5	12	24	23	1878	CONTINUE	
				30	-	33	34			REL	FIRE	TIME							

removed end of tape

CRUISE		LINE		AREA - PROJECT										DATE					
10-23-1		NECE 7 <del>672-61-7</del>		GULF OF MEXICO TECTONICS II										16 DEC 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
2305	230374	7776	5674							80	08	115	3.5	12	24	23		LAST SHOT	STJ
2307	230375	7783	5703															FIRST SHOT	
2308		7784	5704															RC/RP	
2308		7786	5705	40	41	64	47	66	100								1879	CONTINUE	
				29	-	31	33			REL. FIRE TIME									
2331													3.0						
2338													2.0						
2347	230375	7887	6051	38	87	64	48	67		80	08	115	2.0	12	24	23		L.S.	
2349	230376	7892	6057	30		34	34			RFT)							1560	F.S. RC/RP	
2350		7894	6060															CONT.	
0029										17 DEC 76			1.5						
0030	230376	7997	6227															L.S	
0031	230377	8003	6235															FIRST SHOT	
		8005	6236															NEXT SHOT,	
																		SKIPPED 8004	
0031		8012	6245	40	87	64	47	69									N/R XX	RC/RP	
0036		8014	6246	29	-	32	34											CONTINUE	
0104													1.0						
0112	230377	8108	6404							80	08	115	1.0	12	24	23		LAST SHOT	
0114	230378	8114	6412															FIRST SHOT, RC/RP	
0115		8116	6413	40	85	67	48	68	100									CONTINUE	
0116				31	-	33	35			REL FIRE TIME							~750		
0122													0.5						
0141																		BEGIN C/C 0650	
0151																		Start New Line	
0155	230378	8221	6564															L.S.	
										END OF LINE								672-61-7	

NECE 8

[illegible]

9 NICE 8

CRUISE		LINE		AREA - PROJECT														DATE	
16-23-1		672-618		GULF TECTONICS II														17 DEC 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							
0817	230388	9218	10502	26	74	64	44	78	100	70	13	115	.5	12	24	23	219	RC/RP	2RP
0818	"	9220	10504															CONT	2RP
0858	230388	9323	10653															L.S.	2AB
0859	230389	9327	10657	32	83	65	47	67	-									RC/RP	2AB
0900		9329	10660	30	-	30	30											CONT	
0940	230389	9432	11027															LAST RECORD	2RP
0941	230390	9435	11033	36	87	67	52	73	100	70	13	115	.5	12	24	23	219	RC/RP	2RP
0942	230390	9438	11034															CONT	2RP
1021	230390	9542	11204															LAST SHOT	2RP
1024	230391	9549	11213	27	-	30	23			70	13	115	.5	12	24	23		FIRST SHOT RC/RP	
1025		9551	11214	35	83	68	49	82	100								~400	CONTINUE	
1104	230391	9653	11362															L.S.	
1107	230392	9660	11371	32	84	66	50	80									625	F.S. RC/RP	
1107		9662	11372	27	-	26	26			RFT								CONTINUE	
1147	230392	9765	11541	33	82	68	48	76		70	13	115	.5	12	24	23		L.S.	
1160	230393	9772	11550	31	30	27				RFT							690	F.S (RC/RP NO PAPER)	
1151		9774	11551															CONT	
1154		9783	11562															RC/RP N.G.	
1155		9785	11563															CONT	
1206		9798	11600														704	RC/RP	
1200		9799	11601															CONT.	
1202										10									
1220																		9/6 3250	
1231	230393	9879	11720															L.S.	
End of 672-61-8																			

NECE 9

CRUISE			LINE		AREA - PROJECT										DATE				
I 6-23-1			612 619		Gulf Tectonics II										17 DEC, 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							
1233	230394	9885	11726	22	25	34	53	78		70	10	115	.5	12	24	23	810	FS	FT
1234		9887	11727	25	-	27	24											CONTINUE	
1240													(1.0)						
1313	230394	9989	12074															L.S.	
1316	230395	9995	12103	30	81	66	50	79									980	FS RC/RP	
1316		9997	12104	26	-	29	26						(1.5)					CONTINUE	
1356	230395	0101	12254															L.S.	
1358	230396	0108	12263															FS RC/RP (tape loose)	
1400		0113	12264															FS	
1401		0114	12265	30	84	66	50	71									1082	RC/RP	
1402		0116	12266	27	-	29	26											CONTINUE	
1441	230396	0219	12435															L.S.	
1442	230397	0222	12436	31	-	30	26											RC/RP	
1443		0224	12437	29	80	64	46	93									1165	CONTINUE	
1523	230397	0328	12607															L.S.	
1524	230397	0331	12610	27	-	26	25											RC/RP	
1525		0333	12611	32	84	65	49	47									1280	CONTINUE	
1605	230398	0438	12762															L.S.	
1606	230399	0442	12765	28	83	68	46	68										RC/RP	
1607		0444	12766	30	-	30	27											CONTINUE	
1607										75	09	115	2.5				1616		
1647	230399	0547	13135															L.S.	
1648	230400	0551	13136	32	-	30	29											RC/RP	
1649		0553	13137	35	88	66	45	64									1830	CONTINUE	
1730	230400	0659	13311															L.S.	
1731	230401	0662	13312	48	-	45	40											RC/RP	
1732		0664	1313	33	84	65	46	68									1833	CONTINUE	
1732										86	08	115	3.0						

CRUISE 16-23-1		LINE <del>GT2</del> 9		AREA - PROJECT GULF TECTONICS II														DATE 17 DEC 76	
TIME	REEL	SHOT Pt. No.	RECORD No.	STREAMER DEPTH						GAIN (Db)			TRIP DEL.	REC. LGTH	FOLD	REP. RATE	WATER DEPTH (Fm)	REMARKS	Ints. of Obs
1812	230401	768	13463							80	08	115	30	12	24	23	1833	LAST RECORD	BRP
1814	230402	774	13471															RC/RP	RMK
1814		776	13472															CONT	"
1854	230402	879	13641	34	86	67	49	67	100	80	08	115	3.0	12	24	23	1837	LS	RMK
1856	230403	884	13646															RC/RP	"
1857		886	13647															CONT	"
1936	230403	989	14016	34	85	66	47	69	100	80	08	115	3.0	12	24	23	1838	LS	"
1939	230404	996	14025															RC/RP	"
1940		998	14026															CONT	"
2024	230404	1116																missed lost shot tape ran out	"
2026	230405	1119	14217	35	89	69	40	69	-								1836	RC/RP	"
2027		1121	14226	-	-	45	45	70	RC/RP									CONT	"
2033		1136	14237										3.5					trip delay change	RMK
2106	230405	1222	14365															LS	"
2107	230406	1225	14370	33	87	67	46	67	-								1832	RC/RP	"
2107		1227	14371	36	-	33	37											CONT	"
		1324																Missed Time back	"
2147		1329	14536							78								change init	RMK
2147	230406	1330	14537							78	08	115	3.5	12	24	23		LS	RMK
2148		1334	14543															RC/RP	"
2150		1339	14544															RC/RP	"
																		cannot thread the tape. Capstan is down	"
2211																		c/c 350°	
2221	230407	1418	14601															ES	
2221		1419	14602															RC/RP	
2222		1421	14603	35	87	68	49	67	100	78	08	115	3.5	12	24	23	1803	CONTINUE	
				28	-	30	30												

This cut filters = 52

NECE 9

CRUISE		LINE		AREA - PROJECT										DATE					
76-23-1		672-617		GULF OF MEXICO SECTION 21										17 DEC 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							
2301	230407	1522	14756															LAST SHOT	SAV
2305	230410	1533	14763							78	08	115	2.5	12	24	23		FIRST SHOT	
2305		1534	14764															RC/RP	
2306		1536	14765	34	85	69	50	70	100								1788	CONTINUE	
				28	-	30	28												
2314																			
2346	230410	1639	15134															LAST SHOT	
2347	230411	1642	15137															FIRST SHOT, RC/RP	
2347		1643	15140															RC/RP	
2348		1645	15141	35	88	69	51	69	100	78	08	115	2.0	12	24	23		CONTINUE	
				32	-	30	30												
0026	230411	1746	15306															LAST SHOT	
0030	230412	1755	15317															FIRST SHOT, RC/RP	
0031		1757	15320	35	86	69	50	70	100	78	08	115	3.0	12	24	23	1753	CONTINUE	
				41	-	37	36												
0111	230412	1861	15470															L.S.	
0114	230413	1871	15502															F.S (tape loose)	
0116		1877	15506	35	87	69	48	68									1734	RC/RP	
0117		1879	15507	21	-	29	-											CONTINUE	
0156	230413	1980	15654															L.S.	
																		END OF LINE GT2-G1-9	





CRUISE		LINE		AREA - PROJECT												DATE			
IG-23		GT2-8		Gulf Tectonics - Phase II												18 Dec 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							
0159	230414	1985	15660	19		21	33			78	08	115	30	10	12	36	(RCRP)	BEGIN GT2-	JW
0220		1987	15661	26	8	69	48	26	-									Continue	
0315	230414	2111	16055	34	-	31	30											L.S.	
0316	230415	2114	16060															RC/RP	
0317		2116	16061	38	89	71	51	71									1670	CONTINUE	
0433	230415	2242	16257															L.S.	
0434	230416	2244	16260	36		32	32											RC/RP	
0436		2246	16261	40	89	70	51	72									1640	CONTINUE	
0550	230416	2371	16456															L.S.	
0552	230417	2373	16460	38	-	33	34											RC/RP	
0553		2375	16461	41	90	72	52	72									1600	CONTINUE	
0641		2454	16600										2.5					change trip	RMK
0708	230417	2500	16656															L.S.	2AB
0710	230418	2502	16660	42	89	69	49	69	-	78	08	115	2.5	10	12	36	1565	RCRP	11
0710		2504	16661	34	-	31	31											cont	11
0825	230418	2628	17055															LS	RMK
0827	230419	2631	17060	41	89	70	50	70	100								1519	RC/RP	11
0828		2633	17061															CONT	11
0942	230419	2756	17253															L.S.	2AB
0944	230420	2760	17260	42	90	70	47	69	-								1492	RC/RP	11
0945		2762	17261	40	-	34	35											cont.	11
1017																			
1058	230420	2884	17453															LAST SHOT	
1101	230421	2888	17457															FIRST SHOT	
1101		2889	17460	35	-	31	31			REL	FIRE	T/ME						RCRP	
1103		2891	17461	40	89	69	49	69	100	78	08	115	2.0	10	12	36	1438	CONTINUE	
1215	230421	3012	17652	40	89	69	51	69		78	08	115	2.0	10	12	36		L.S.	
1218	230420	3017	17657															F.S.	

CRUISE ZG-23		LINE GT2-8		AREA - PROJECT GULF TECTONICS - Phase II														DATE 18 Dec 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							
1219	230422	3018	17660														1397	RC/RP	
1219		3019	17661	35	-	31	32			RFT								CONT.	
1311																		C/C 320"	
1332	230422	3139	20050															LAST SHOT	
1334	230423	3144	20055															FIRST SHOT, RC/RP	
1335		3146	20056	43	89	71	49	71	10	76	08	115	2.0	10	12	36	1370	CONTINUE	
1337				36	-	32	34			REL	FIRE	TIME							
1450	230422	3270	20252															L.S.	
1452	230424	3272	20253	31	-	30	33											RC/RP	
1451																		12, 3, 4, 11 have leakage	
1453		3275	20254	44	90	71	50	70									1354	CONTINUE	
1608	230424	3400	20451															L.S.	
1609	230425	3402	20453	44	90	71	50	72										RC/RP	
1610		3403																MISS SHOT	
1611		3404	20455	29	-	30	33										1359	CONTINUE	
1724	230425	3527	20650															L.S.	
1727	230426	3531	20651	34	-	32	34											F.S. (no RC/RP)	
1728		3532	20652	44	91	72	51	71									1356	CONTINUE	
1841	230426	3655	21045															L.S.	EAR
1843	230427	3659	21051	45	91	72	50	71	-									RC/RP	"
1844		3661	21052	47	-	40	38			RFT							1385	CONT.	"
2002	230427	3789	21252															L.S.	"
2003	230428	3791	21254	46	91	71	50	66	-								1370	RC/RP	"
2004		3793	21255	33	-	30	34			RFT								cont	"
2021		3821	21311							78	08	115	2.0	10	12	36			"
2118	230428	3912	21451															L.S.	"
2120	230429	3919	21453	46	92	72	52	68	-								1366	RC/RP	"
2121		3921	21454	41	-	39	36											CONT	"

CRUISE IC 23		LINE GIT 2-8		AREA - PROJECT GULF TECTONICS - PHASE II												DATE 18 DEC. 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							
2233	230429	4042	21645							78	08	115	2.0	10	12	36		L.S.	5+5+P
2236	230430	4046	21651	46	73	73	52	70									1352	FS RC/RP	
2237		4048		(31	-	31	29	)		RET								CONTINUE	
2351	230430	4171	22045															LAST SHOT	
2353	230431	4175	22051															FIRST SHOT, RC/RP	
2354		4177	22052	46	91	73	51	41	107	78	08	115	2.0	10	12	36		CONTINUE	
				39	-	39	35			REL. FIRE TIME							1266		
0107	230431	4299	22244							-19 DEC 1976-								L.S.	
0111	230432	4304	22251	45	90	71	50	69									1242	FS RC/RP	
0112		4306	22252	32	-	29	31											CONTINUE	
0149																			
0227	230432	4431	22447															L.S.	
0229	230433	4435	22451	31	-	30	32											RC/RP	
0230		4437	22452	46	89	71	50	69									1182	CONTINUE	
0343	230433	4559	22644															L.S.	
0344	230434	4561	22645	45	90	71	50	70										RC/RP	
0346		4563	22646	32	-	30	32										1137	CONTINUE	
0459	230434	4686	23041															L.S.	
0501	230435	4689	23042	32	-	32	34											RC/RP (RC/RP MD 3000)	
0503		4691	23043	45	90	72	51	69									1050	CONTINUE	
		4696	23051															RC/RP	
0507		4699	23052															CONT	
0617	230435	4815	23236															L.S. short record	RMK
0618	230436	4817	23240	44	88	69	48	67	100	78	08	115	1.0	10	12	36	893	RC/RP	"
0619		4819	23241	(32	-	32	34)											CONT	"
0734	230436	4943	23435															L.S.	"
0735	230437	4946	23440	(32	-	32	34)											RC/RP	"
0736		4947	23441															CONT	"

CRUISE 16-23-1			LINE 6T2-8		AREA - PROJECT Gulf Tectonics - Phase II										DATE 19 Dec. 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							
0737	230437	4949	23442	45	89	68	50	66	100	78	08	115	1.0	10	12	36	704	may have missed TB on last shot	RMK
0849	230437	5068	23631															L.S.	ENB
0850	230438	5070	23633	44	89	67	49	66	-								643	RCRP	"
0851		5072	23634	30	-	31	33		12 FT									cont	"
0954										(10)		(0.5)							
1005	230438	5194	24026															LAST SHOT	
1006	230439	5200	24034	46	90	69	51	68	100	78	10	115	0.5	10	12	36		FIRST SHOT	
1009		5202	24035	32	-	32	35			REL	FIRE	TIME					545	CONTINUE	FJS
1017										(0.8)		(0.1)							
1122	230439	5323	24226							78	08	115	0.1	10	12	36	~400	LAST SHOT	
1125	230440	5328	24233															FIRST SHOT,	
1126		5329	24234	47	90	68	48	67	100									RCRP	
1126		5331	24235	33	-	32	36			REL	FIRE	TIME						CONTINUE	
1152										(-0-)									
1240	230440	5454	24430															L.S.	
1243	230441	5459	24435	15	90	69	50	67										F.S.	
1244		5460	24436	32	-	32	35			RFT								RCRP	
1245		5462	24437														369	CONT.	
1358	230441	5583	24630															LAST SHOT	
1400	230442	5587	24634							78	08	115	-0-	10	12	36		FIRST SHOT	
1401		5588	24635	45	90	70	50	68	100								297	RCRP	
1402		5590	24637	34	-	32	35			REL	FIRE	TIME						CONTINUE	
1514	230442	5710	25027															L.S.	
1516	230443	5713	25030	34	-	34	36											RCRP	
1517		5715	25031	49	91	70	50	71									204	CONTINUE	
1518										78	(13)	115							
1547		5765	25113																
1553		5778	25120											(8)		(30)		increase speed 6 Kts	JW

CRUISE IG-23		LINE GT2-8		AREA - PROJECT Gulf Tectonics - Phase II												DATE 19 Dec 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							
1631	230443	5853	25243							78	13	115	0	8	12	30		L.S.	
1633	230444	5856	25244	-	-	43	42											RC/RP	
1634		5859	25245	47	91	68	49	15		(70)							160	CONTINUE	
1751	230444	6013	25500															L.S.	
1752	230445	6015	25501	47	91	68	50	65										RC/RP	
1753		6017	25503	31	-	31	33												
1828	230445	6085	25607														180	CONTINUE	
Last shot - end of line GT2-8																			EPB

CRUISE <u>IG-23-1</u>	LINE <u>GT2-9</u>	AREA-PROJECT <u>Gulf Tectonics II</u>		DATE <u>19 Dec 76</u>
SYSTEM  <u>DFS</u>		BEGIN - TIME DATE <u>1842 - 19 Dec 76</u>		END - TIME - DATE
		LAT.		
		LONG.		
		TAPE INFO:		record length - <u>8</u>
		TAPE SPEED -- <u>22 1/2</u>		pack density - <u>356</u>
		SPL. RATE -- <u>4 ms</u>		
SOURCE <u>Bolt MAG 41200</u> <u>3 Air guns</u>		RECORD FILTERS		HI-cut -
		LO-cut - <u>out</u>		Slope - <u>out</u>
		SLOPE -		Notch
GEOPHONES <u>set</u> <u>300' group nit</u>		REMARKS		

SOURCE

236 m

774

2104 m  
6900 ft

	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	X			X					X				X					X						X
BIRDS	X			X				X				X				X			X					X

RA

CRUISE		LINE		AREA - PROJECT													DATE		
7623		612-9		Gulf Tectonics II													19 Dec 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							
1850	230446	6130	25620	49	92	68	49	54	-	70	13	115	01	8	12	30	155	Begin line	EMB
2008	230446	6286	26054															L.S.	11
2010	230447	6290	26056	49	92	70	51	51	-								48	RCRP	11
2012		6294	26060	29	-	28	30	7		REF								cont.	11
2022		6314	26104																
2128	230447	6445	26307															L.S.	11
2128	230448	6447	26311	49	92	70	49	67	-									RCRP	11
2129		6449	26312	29	-	30	30			REF							47	cont	
2154																		c/c D80°	
2235										(18)									
2245	230448	6601	26542							70	18	115	0-8	12	30			LAST SHOT	
2248	230449	6606	26547															FIRST SHOT	
2248		6607	26550	53	94	74	51	76	100									RCRP	
2249		6609	26551	29	-	30	30			REL	FIRE	TIME					50	CONTINUE	
0004	230449	6758	26776							- 20 DEC 1976 -							L.S.		
0006	230450	6763	27003	50	93	72	51	74									51	F.S. RCRP	
0007		6765	27004	32	-	30	33			REL	FIRE	TIME						CONTINUE	
0123	230450	6916	27233							70	18	115	0-8	12	30			LAST SHOT	
0126	230451	6922	27241	50	92	70	48	66	100								65	FIRST SHOT, RCRP	
0127		6924	27242	28	-	30	30			REL	FIRE	TIME						CONTINUE	
0230	230451	7080	27440															STOP END FINIS	
												</							