

Line name: _____			Energy: _____ J/PSI		Tape #: _____		
Descr: _____			Firing Rate: _____		Filter: _____		
Date: _____			Geophones: _____		Source: _____ ci		
Time	SP/Fix	LAT.	LONG.	WD	Ship spd/dir	Nav. system	Notes
	1	28.5461	99.7684				
	2	28.5443	99.7427				
	3	28.5419	99.7259				
	4	28.5448	99.7114				
	5	28.5432	99.6947				
	6	28.5386	99.6764				
	7	28.5382	99.6585				
	8	28.5385	99.6408				
	9	28.5422	99.6229				
	10	28.5438	99.6066				
	11	28.5439	99.589				
	12	28.5446	99.5703				
	13	28.5445	99.5515				
	14	28.5448	99.5325				
	15	28.5518	99.5134				
	16	28.5447	99.4934				
	17	28.5442	99.4752				
	18	28.5467	99.4586				
	19	28.5425	99.4459				
	20	28.5389	99.4231				
	21	28.5547	99.411				
	22	28.5537	99.3927				
	23	28.5489	99.3733				
	24	28.5473	99.354				
	25	28.5481	99.3281				
	26	28.5491	99.3107				
	27	28.5452	99.2933				
	28	28.5519	99.2723				
	29	28.5577	99.2868				
	30	28.5502	99.3046				
	31	28.5394	99.323				
	32	28.5368	99.3442				
	33	28.5319	99.3605				
	34	28.5268	99.3781				
	35	28.5211	99.397				
	36	28.5151	99.4161				
	37	28.4993	99.4716				
	38	28.4943	99.4883				



Line name: _____				Energy: _____ J/PSI		Tape #: _____	
Descr: _____				Firing Rate: _____		Filter: _____	
Date: _____				Geophones: _____		Source: _____ ci	
Time	SP/Fix	LAT.	LONG.	WD	Ship spd/dir	Nav. system	Notes
	39	28.489	94.5056				
	40	28.4998	94.5238				
	41	28.4768	94.5972				
	42	28.4718	94.5607				
	43	28.466	94.5785				
	44	28.7942	94.5953				
	45	28.4547	94.6197				
	46	28.4477	94.6248				
	47	28.4428	94.6522				
	48	28.4385	94.6718				
	49	28.4328	94.6923				
	50	28.4268	94.7125				
	51	28.422	94.7113				
	52	28.4167	94.7033				
	53	28.4083	94.6817				
	54	28.4112	94.6633				
	55	28.4085	94.6433				
	56	28.4045	94.6227				
	57	28.404	94.6035				
	58	28.4	94.575				
	59	28.3917	94.5633				
	60	28.3933	94.545				
	61	28.3867	94.5283				
	62	28.38	94.51				
	63	28.3733	94.4867				
	64	28.37	94.4667				
	65	28.3633	94.4567				
	66	28.36	94.4383				
	67	28.3567	94.4233				
	68	28.3527	94.4063				
	69	28.3522	94.4052				
	70	28.3526	94.3693				
	71	28.35	94.345				
	72	28.3517	94.3217				
	73	28.3483	94.3				
	74	28.3417	94.28				
	75	28.3347	94.2626				
	76	28.344	94.2452				



Line name: _____		Energy: _____ J/PSI		Tape #: _____			
Descr: _____		Firing Rate: _____		Filter: _____			
Date: _____		Geophones: _____		Source: _____ ci			
Time	SP/Fix	LAT.	LONG.	WD	Ship spd/dir	Nav. system	Notes
	77	28 3252	94 2266				
	78	28 3188	94 2123				
	79	28 3123	94 1957				
	90	28 3093	94 1779				
	91	28 3076	94 1602				
	82	28 3072	94 1425		8272   3056   1279		
	83	28 3044	94 1267				
	84	28 3005	94 1415				
	85	28 2977	94 1588				
	86	28 2978	94 1728				
	87	28 2953	94 1909				
	88	28 2881	94 2099				
	89	28 2861	94 2276				
	90	28 2849	94 2448				
	91	28 2829	94 2749				
	92	28 2811	94 2792				
	93	28 2799	94 2962				
	94	28 2755	94 3133	942	2751	3204	
	95	28 2762	94 3305				
	96	28 2736	94 3469				
	97	28 2687	94 3622				
	97 1/2	28 2732	94 3777				
	98	28 2542	94 3878				
	<del>99</del>	<del>28 2633</del>	<del>94 4083</del>				
	99	28 2633	94 4083				
	<del>100</del>						
	99 1/2	28 2456	94 3997				
	100	28 2567	94 4417				
	100 1/2	28 2454	94 4033				
	101	28 2422	94 4223				
	102	28 2415	94 4400				
	103	28 2428	94 4601				
	104	28 2422	94 4787				
	105	28 2418	94 4971				
	106	28 2413	94 5162				
	107	28 2385	94 5355				
	108	28 2358	94 5545				
	109	28 2319	94 574				



Line name: _____		Energy: _____ J/PSI		Tape #: _____			
Descr: _____		Firing Rate: _____		Filter: _____			
Date: _____		Geophones: _____		Source: _____ ci			
Time	SP/Fix	LAT.	LONG.	WD	Ship spd/dir	Nav. system	Notes
	110	28. 2285	94. 5923				
	111	28. 2243	94. 611				
	112	28. 223	94. 6168				
	113	28. 2208	94. 6103				
	114	28. 2183	94. 5897				
	115	28. 2092	94. 5668				
	116	28. 2027	94. 5337				
	117	28. 1963	94. 5302				
	118	28. 1892	94. 5105				
	119	28. 1815	94. 4903				
	120	28. 1745	94. 4697				
	121	28. 1675	94. 4492				
	122	28. 1603	94. 4283				
	123	28. 1533	94. 4075				
	124	28. 145	94. 386				
	125	28. 1377	94. 3645				
	126	28. 1293	94. 3363				
	127	28. 1233	94. 3228				
	128	28. 1163	94. 3048				
	129	28. 1093	94. 2855				
	130	28. 103	94. 2825				
	131	28. 0968	94. 249				
	132	28. 0912	94. 23				
	133	28. 0852	94. 2119				
	134	28. 0785	94. 1937				
	135	28. 0719	94. 175				
	136	28. 0637	94. 1583				
	137	28. 0577	94. 142				
	138	28. 0436	94. 1251				
	139	28. 1322	94. 1054				
	140	28. 0286	94. 0867				
	141	28. 0205	94. 1015				
	142	28. 0212	94. 1358				
	143	28. 0261	94. 1414				
	144	28. 0202	94. 1603				
	145	28. 0149	94. 1785				
	146	28. 0085	94. 1901				
	147	28. 0016	94. 2085				



Line name: \_\_\_\_\_

Energy: \_\_\_\_\_ J/PSI

Tape #:

—p

Descr: \_\_\_\_\_

Firing Rate: \_\_\_\_\_

Filter:

Date: \_\_\_\_\_

Geophones: \_\_\_\_\_

Source: ci

Time	SP/Fix	<sup>21</sup> LAT.	LONG.	WD	Ship	spd/ dir	Nav. system	Notes
	148	9998	94.231					
	149	28.0151	94.2525					
	150	28.0084	94.2715					
	151	28.0059	94.2923					
	152	28.0014	94.3117					
	153	27.9948	94.3314					
	154	27.995	94.3515					
	155	27.9865	94.372					
	156	27.987	94.3921					
	157	27.9942	94.4115					
	158	27.9803	94.433					
	159	27.972	94.4518					
	160	27.9908	94.4713					
	1604	27.9903	94.4838					
	161	27.99	94.4919					
	162	27.9882	94.5033					
	163	27.9817	94.5337					
	164	27.9583	94.554					
	165	27.967	94.569					
	166	27.9581	94.5912					
	167	27.9566	94.6092					
	168	27.9552	94.6225					
	169	27.9538	94.6435					
	1694	27.9531	94.6562					
	170	27.9523	94.6611					
	171	27.9322	94.6558					
	172	27.917	94.0167					
	173	27.9983	94.6579					
	174	27.9824	94.6578					
	175	27.945	94.6596					
	176	27.947	94.658					
	177	27.8309	94.6639					
	178	27.825	94.657					
	179	27.8295	94.6359					
	180	27.8299	94.6145					
	181	27.8294	94.5975					
	182	27.8306	94.5796					
	183	27.8317	94.5582					



4hes  
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p

Line name: \_\_\_\_\_

Descr: \_\_\_\_\_

Date: \_\_\_\_\_

Energy: \_\_\_\_\_ J/PSI

Firing Rate: \_\_\_\_\_

Geophones: \_\_\_\_\_

Filter: \_\_\_\_\_

Source: \_\_\_\_\_ ci

Tape #: \_\_\_\_\_

Nav. system

Ship spd/dir

WD

LONG.

LAT.

SP/Fix

Time

Notes

184	27	8339	94	5419						
185	27	8331	94	522						
186	27	8373	94	505						
187	27	8398	94	4879						
188	27	842	94	4698						
189	27	8431	94	4518						
190	27	8427	94	4333						
191	27	8478	94	4167						
192	27	8488	94	406						
193	27	8479	94	3905						
194	27	8492	94	375						
195	27	8507	94	3597						
196	27	8517	94	3438						
197	27	8518	94	3283						
198	27	8575	94	313						
199	27	8573	94	2967						
200	27	8592	94	2793						
201	27	8607	94	2618						
202	27	8632	94	2457						
203	27	8667	94	2298						
204	27	8685	94	213						
205	27	8677	94	1952						
206	27	8693	94	1771						
207	27	8708	94	1602						
208	27	8697	94	1358						
209	27	8697	94	1182						
210	27	87	94	1115						
211	27	8708	94	0945						
212	27	8712	94	0817						
213	27	8748	94	065						
214	27	8783	94	0497						
215	27	8818	94	0323						
216	27	8845	94	0092						
217	27	888	93	9915						
218	27	8902	93	9742						
219	27	8915	93	9565						
220	27	8915	93	9378						
221	27	8915	93	921						



Line name: \_\_\_\_\_

Energy: \_\_\_\_\_ J/PSI

Tape #: \_\_\_\_\_

Descr: \_\_\_\_\_

Firing Rate: \_\_\_\_\_

Filter: \_\_\_\_\_

Date: \_\_\_\_\_

Geophones: \_\_\_\_\_

Source: \_\_\_\_\_ ci

8:45

p \_\_\_\_\_

Time	SP/Fix	LAT.	LONG.	WD	Ship	spd/dir	Nav. system	Notes
	222	27 8943	93 9092					
	223	27 8964	93 8865					
	224	27 8974	93 8684					
	225	27 8985	93 8510					
	226	27 9001	93 8323					
	227	27 9013	93 8150					
	228	27 9025	93 7955					
	229	27 9036	93 7773					
	230	27 9009	93 7562					
	231	27 9027	93 7381					
	232	27 9034	93 7190					
	233	27 9051	93 7042					
	234	27 9046	93 6855					
	235	27 9133	93 6771					
	236	27 9073	93 6493					
	237	27 9075	93 6309					
	238	27 9072	93 6122					
	239	27 9043	93 5933					
	240	27 9117	93 5925					
	241	27 8923	93 5912					
	242	27 9407	93 5923					
	243	27 9532	93 5937					
	244	27 9655	93 5940					
	245	27 9177	93 5908					
	246	27 9900	93 5965					
	247	28 0025	93 6092					
	248	28 0137	93 6212					
	249	28 0207	93 6310					
	250	28 0215	93 6457					
	251	28 0213	93 6633					
	252	28 0243	93 6813					
	253	28 0233	93 7018					
	254	28 0237	93 7213					
	255	28 0235	93 7415					
	256	28 0241	93 7617					
	257	28 0208	93 7812					
	258	28 0215	93 8002					
	259	28 0222	93 8202					

Ed 8  
Sol 9



Line name: _____		Energy: _____ J/PSI		Tape #: _____			
Descr: _____		Firing Rate: _____		Filter: _____			
Date: _____		Geophones: _____		Source: _____ ci			
Time	SP/Fix	LAT.	LONG.	WD	Ship spd/dir	Nav. system	Notes
	260	28 0230	93 8392				
	261	28 0260	93 8578				
	262	28 0273	93 8770				
	263	28 0282	93 8972				
	264	28 0293	93 9168				
	265	28 0267	93 9357				
	266	28 0205	93 9602				
	267	28 0275	93 9777				
	268	28 0310	93 9478				
	269	28 0295	94 0200				
	270	28 0300	94 0368				
	271	28 0317	94 0537				
	272	28 0300	94 0655				
	273	28 0360	94 0868				
	274	28 0486	94 0940	28 0366	94 0954		End 9
	275	28 0026	94 0820	50 10			
	276	27 9480	94 0759				
	277	27 9735	94 0781				
	278	27 9594	94 0636				
	279	27 9445	94 0578				
	280	27 9303	94 0525				
	281	27 9252	94 0458				
	282	27 9080	94 0448				
	283	27 8925	94 0402				
	284	27 8812	94 0368				
	285	27 8655	94 0305				
	286	27 8458	94 0243				
	287	27 8192	94 0135				
	288	27 8132	94 0085				
	289	27 8005	94 0017				
	290	27 7857	93 9897				
	291	27 7703	93 9895				
	292	27 7700	94 0092				
	293	27 7682	94 0267				
	294	27 7720	94 0482				
	295	27 7696	94 0667				
	296	27 7603	94 0900				
	297	27 7627	94 1050				

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Line name: _____			Energy: _____ J/PSI		Tape #: _____		
Descr: _____			Firing Rate: _____		Filter: _____		
Date: _____			Geophones: _____		Source: _____ ci		
Time	SP/Fix	LAT.	LONG.	WD	Ship spd/dir	Nav. system	Notes
	298	27 7608	94 1207				
	299	27 7612	94 1391				
	300	27 7619	94 1570				
	301	27 7594	94 1748				
	302	27 7571	94 1730				
	303	27 7551	94 2108				
	304	27 7542	94 2291				
	305	27 7539	94 2479				
	306	27 7527	94 2664				
	307	27 7510	94 2833				
	308	27 7488	94 3017				
	309	27 7485	94 3208				
	310	27 7471	94 3396				
	311	27 7462	94 3569				
	312	27 7430	94 3755				
	313	27 7408	94 3931				
	314	27 7389	94 4102				
	315	27 7388	94 4286				
	316	27 7384	94 4469				
	317	27 7377	94 4653				
	318	27 7365	94 4827				
	319	27 7325	94 4925				
	320	27 7317	94 5238				
	321	27 7323	94 5528				
	322	27 7327	94 5532				
	323	27 7312	94 5692				
	324	27 7229	94 5862				
	325	27 7262	94 6025				
	326	27 7247	94 6200				
	327	27 7248	94 6415				
	328	27 7340	94 6505				
	329	27 7500	94 6523				
	330	27 7700	94 6417				
	331	27 7867	94 6427				
	332	27 8022	94 6522				
	333	27 8170	94 6525				
	334	27 8328	94 6652				
	335	27 8483	94 6372				



Line name: _____		Energy: _____		J/PSI		Tape #: _____	
Descr: _____		Firing Rate: _____		Filter: _____			
Date: _____		Geophones: _____		Source: _____		ci	
Time	SP/Fix	LAT.	LONG.	WD	Ship spd/dir	Nav. system	Notes
	336	27 8637	94 6288				
	337	27 8808	94 6200				
	338	27 8988	94 6092				
	339	27 9157	94 6003				
	340	27 9322	94 5922				
	341	27 9487	94 5840				
	342	27 9650	94 5755				
	343	27 9794	94 5657				
	344	27 9940	94 5558				
	345	28 0099	94 5461				
	346	28 0100	94 5445				
	347	27 9981	94 5392				
	348	27 9842	94 5348				
	349	27 9545	94 5216				
	350	27 9413	94 5144				
	351	27 9232	94 5069				
	352	27 9070	94 5027				
	353	27 8872	94 5005				
	354	27 8707	94 4963				
	355	27 8541	94 4920				
	356	27 8461	94 4919				
	357	27 8232	94 4842				
	358	27 8056	94 4801				
	359	27 7893	94 4756				
	360	27 7728	94 4709				
	361	27 7565	94 4662				
	362	27 7378	94 4600				
	363	27 7218	94 4603				
	364	27 7043	94 4520				
	365	27 6862	94 4453				
	366	27 6715	94 4428				
	367	27 6525	94 4426				
	368	27 6402	94 4385				
	369	27 6252	94 4343				
	370	27 6085	94 4340				
	371	27 5912	94 4312				
	372	27 5932	94 4140				
	373	27 5962	94 3950				

EC 12  
SOL 13



Line name: _____		Energy: _____ J/PSI		Tape #: _____			
Descr: _____		Firing Rate: _____		Filter: _____			
Date: _____		Geophones: _____		Source: _____ ci			
Time	SP/Fix	LAT.	LONG.	WD	Ship spd/dir	Nav. system	Notes
	374	27 5983	94 3757				
	375	27 6007	94 3563				
	376	27 6027	94 3357				
	377	27 6058	94 3158				
	378	27 6097	94 2947				
	379	27 6107	94 2738				
	380	27 6110	94 2537				
	381	27 6145	94 2332				
	382	27 6177	94 2128				
	383	27 6207	94 1932				
	384	27 6240	94 1730				
	385	27 6275	94 0202				
	386	27 6303	94 1335				
	387	27 6308	94 1120				
	388	27 6337	94 0935				
	389	27 6368	94 0733				
	390	27 6445	94 0583	SW. 15			
	391	27 6588	94 0587				
	392	27 6760	94 0598				
	393	27 6935	94 0602				
	394	27 7082	94 0598				
	395	27 7247	94 0573				
	396	27 7417	94 0542				
	397	27 7525	94 0523				
	398	27 7757	94 0507				
	399	27 7905	94 0632				
	400	27 8050	94 0732				
	401	27 8198	94 0822				
	402	27 8355	94 0902				
	403	27 8602	94 1000				
	404	27 8623	94 1100				
	405	27 8635	94 1152				
	406	27 8822	94 1175				
	407	27 8948	94 1297				
	408	27 9070	94 1420				
	409	27 9205	94 1525				
	410	27 9338	94 1537				
	411	27 9492	94 1627				



Line name: _____		Energy: _____ J/PSI		Tape #: _____			
Descr: _____		Firing Rate: _____		Filter: _____			
Date: _____		Geophones: _____		Source: _____ ci			
Time	SP/Fix	LAT.	LONG.	WD	Ship spd/dir	Nav. system	Notes
	412	27 9682	94 1793				
	413	27 9807	94 1957				
	414	27 9895	94 2126				
	415	27 9996	94 2302				
	416	28 0103	94 2460				
	417	28 0217	94 2620				
	418	28 0322	94 2797				
	419	28 0435	94 2958				
	420	28 0542	94 3123				
	421	28 0645	94 3280				
	422	28 0753	94 3440				
	423	28 0918	94 3587				
	424	28 1015	94 3757				
	425	28 1097	94 3890				
	426	28 1203	94 4117				
	427	28 1307	94 4275				
	428	28 1382	94 4310				
	429	28 1512	94 4417				
	430	28 1535	94 4620				
	431	28 1645	94 4742				
	432	28 1718	94 4907				
	433	28 1780	94 5010				
	434	28 1917	94 5202				
	435	28 1952	94 5342				
	436	28 2122	94 5357				
	437	28 2318	94 5369				
	438	28 2418	94 5340				
	439	28 2627	94 5289				
	440	28 2795	94 5248				
	441	28 2978	94 5448				
	442	28 3160	94 5198				
	443	28 3339	94 5168				
	444	28 3519	94 5063				
	445	28 3690	94 5097				
	446	28 3861	94 5072				
	447	28 4044	94 5057				
	448	28 4205	94 5041				
	449	28 4378	94 5025				



Line name:

Energy:	J/PSI
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Tape #.

1

Descr: \_\_\_\_\_

Firing Rate:

Filter:

Date: \_\_\_\_\_

Geophones:

Source: \_\_\_\_\_ ci

Time	SP/Fix	LAT.	LONG.	WD	Ship	spd/dir	Nav. system	Notes
	450	28 4542	94 5006					
	451	28 4725	94 5005					
	452	28 4905	94 4986					
	453	28 5071	94 4970					
	454	28 5239	94 4948					
	<del>454</del> 455	28 5409	94 4938					
	456	28 5571	94 4915					
	457	28 5741	94 4865					
	458	28 5900	94 4816					
	459	28 6063	94 4758					
	460	28 6240	94 4713					
	461	28 6384	94 4673					
	462	28 6553	94 4637					
	463	28 6722	94 4527					
	464	28 6897	94 4572					
	465	28 7047	94 4532					
	466	28 7217	94 4488					
	467	28 7378	94 4410					
	468	28 7572	94 4327					
	469	28 7707	94 4280					
	470	28 7870	94 4225					
	471	28 8032	94 4208					
	472	28 8188	94 4107					
	473	28 8355	94 4086					
	474	28 8513	94 4060					
	475	28 8650	94 4150					
	476	28 8807	94 4180					
	477	28 8957	94 4102					
	478	28 9057	94 3930					
	479	28 9165	94 3782					
	480	28 9318	94 3730					
	481	28 9507	94 3718					
	482	28 9678	94 3738					