

Ship/Cruise No./Leg:

LASER II

RV RUSSELL

Chief Scientist:

JUTER PENAHO

Area:

COASTAL LOUISIANA

Operator(s):

WEST McFARLEN

COPY

85045 TAP

104328

Line	Time	Y-M-D	Course	Speed	Seismic system	Sweep	Program/ Scale	Filter Lo-High	SA Tape No.'s	Data roll	Comments	Na
SOL L-29	0920	85-6-26	180	1000	DATA SONICS 3.5 KHZ Geopulse/EG&G @ 200;	1/8 1/8	.5 FIRE RATE .5 FIRE RATE	2 KHZ 200-2000	1	1	DELNORTE Phone 1/12" spring HP 375TA type DATA SONICS SBT 200, TSS TVG AMP	Na Na
L-29	0937			900							RPM DOWN TO 900	
L-29	1044	85-06-26	180	1000	" "	" "	" "	" "	1	1	RPM TO 1000	
L-29	1206	85-06-26	180°	4.8 KT 1000	" "	" "	" "	" "			BELT change EPC 3200	
L-29	1240	85-06-26	180°	900	DATA SONICS 3.5 KHZ Geopulse/EG&G @ 200;	1/8 1/8	.5 FIRE RATE .5 FIRE RATE	2 KHZ band 200-2000 Hz	1	1	SPEED DOWN TO 900 RPM	Na Na
L-29	1248	85-06-26	180°	1000	"				1	1	Speed up to 1000 rpm	
L-29	1310	85-06-26	180°	1000	"	1/8 1/8	.5 sec .5 sec	"	2	1	Change to Mag Tape #2	
L-29	1500	85-06-26	180°	1000	"	1/4 1/4	.52 sec .52 sec	"	2	1	Depth Increases: Sweep changed to 1/4 Trigger rate = .52 w/ .26 sec delay	Na Na
L-29	1529	85-06-26	180°	950°	DATA SONICS 3.5 KHZ Geopulse/EG&G @ 200;	1/4 1/4	.52 FIRE .52 FIRE	2 KHZ 200-2000 Hz	2	1	RPM reduced to 950	"
L-29	1500	85-06-26	180	950	"		.52 sec FIRE .52 sec FIRE	"	2	2	change to DATA Roll # 2	"
L-29	1715	85-06-26	180	950	"	1/4 1/4	.52 sec FIRE .52 sec FIRE	"	3	2	Change to Mag Tape # 3	"
L-29	1751	85-06-26	180°	950	DATA SONICS 3.5 KHZ Geopulse/EG&G @ 200;	1/8 1/4	.52 sec FIRE .52 sec FIRE	2 KHZ 200-2000 Hz	3	2	Remove BATHYMETRY CH 2 from DATA SONICS DET OUT @ 1/8 sweep for Record expansion	" L
EOL L-29	1800	85-06-26	180	950	DATA SONICS 3.5 Geopulse @ 200T PESSY	1/8 1/4	.52 sec FIRE	2 KHZ 200-2000 HZ	3	2	EOL L-29	" L
SOL L-30	1802	85-06-26	270	950°					3	2	SOL L-30	
EOL L-30	1916	85-06-26	270	950					3	2	EOL L-30	
SOL L-31	1917	85-06-26	000°	950	" "	1/8 1/4	.52 sec FIRE	2. KHZ 200-2000 HL	3	2	SOL L-31	
L-31	2035	85-06-26	000°	950	" "	" "	" "	" "	3	2	BELT change on EPC 3200	
L-31	2115	85-06-26	000°	950	" "	" "	" "	" "	4	2	Changed to Mag TAPE # 4	
L-31	2159	85-06-26	000	950	" "	" "	" "	" "	4	2	Added BATH. DATA TO DATA SONICS	
L-31	2210		000	1000							SPEED 1000 RPM. 5.11 KTS NOT SURE WHEN RPM WENT TO 1000	

Ship/Cruise No./Leg: LASER II R.T. RUSSELL

Chief Scientist: SUTER, Perland

Area: COASTAL LA.

Operator(s): WEST - McFARLAN

Line	Time	Y-M-D	Course	Speed	Seismic system	Sweep	Program/Scale	Filter Lo-High	Tape No.	Data roll	Comments	NA
L-31	2258	85-06-26	000°	3.6KT 1050	"	"	"	"	4	2	RPM UP TO 1050	SPEED WAS DOWN TO 3.6KT LOW
	2311	85-06-26	000	1050	DATASONICS 3.5 KHZ DRE Geopulse 200J	1/8/1/8	150 SEC FINE	2 KHZ 200-2000	4	2		
L-31	0000	85-06-27	000°	1000	"	"	"	"	4	2	Geopulse off for 5 min - Screw Removal	
L-31	0045	85-06-27	000	1050	"	1/8 1/8	.50 Sec. Fine .50 Sec. Fine	"	4	2	Increase to 1050 RPM	
L-31	0100	85-06-27	000	1100	"	1/8 "	.5 sec "	"	4	2	Increase to 1100 RPM	
L-31	0120 0122	85-06-27	000	1100	"	1/8 1/8	.5 sec .5 sec	"	5	2	Change to Mag Tape #5	
L-31	0250 0252	85-06-27	000	1100	DATASONICS 3.5 KHZ Geopulse/ESR 200	1/8 1/8	.5 sec fire .5 sec fire	2 KHZ BAND 200-2000 Hz	5	2	Change Belt on GPC 3200	NA LOW
L-31	0335	85-06-27		1100	DATASONICS 3.5 DRE Geopulse 200J	1/8 1/8	.50 sec .50 sec	2 KHZ 500-2000 Hz	5	2	*NOTE Increase of low cutoff of K-4 to 500	NA LOW
L-31	0415	85-06-27		1100	"	"	"	"	5	3	Change to DATA Roll #3	NA LOW
L-31	0525-0527	85-06-27		1100	"	1/8 1/8	.5 sec .5 sec	2 KHZ 500-2000	6	3	Change to Mag Tape #6	
EOL L-31	0610	178-0610 85-06-27	000°	1100	"	1/8/1/8	.5 sec	2 KHZ 500-2000	6	3	End of Line 4-31	
Pick up Gear ? RUN WEST												
SOL L-32	178 0807	85-06-27	180°	1000 4.4KT	DATASONICS 3.5 DRE Geopulse	1/8/1/8	.5 sec	2 KHZ 500-2000	6	3	SOL L-32 1000 RPM	
EOL L-32	0826	85-06-27	180	1000 4.4	"	"	"	"	6	3	EOL-L-32	
Pick up Gear Running EAST												
SOL L-33	178 1015	85-06-27	090°	1000	"	"	"	"	6	3	SOL-L-33 RPM 1000	
L-33	1030		090	950	"	"	"	"	6	3	RPM TO 950	
L-33	1049	85-06-27	107°	950	"	"	"	"	6	3	C/C TO 107°	
L-33	1114	85-06-27	107°	900	"	"	"	"	6	3	Reduce RPM TO 900	
L-33	1117		090°	900	"	"	"	"	6	3	C/C TO 090°	

Ship/Cruise No./Leg: LASER II RJ RUSSELL

Chief Scientist: DAVID HENLAND

Area: COASTAL LA.

Operator(s): WES M'ENDER

Line	Time	Y-M-D	Course	Speed	Seismic system	Sweep	Program/Scale	Filter Lo-High	Tape No.	Data roll	Comments	N
L-33	1122	85-06-27	090°	800	DATASONICS 3.5 kHz ORE Geopulse @ 200j	1/8 1/8	.5 sec fire	2 kHz 500-2000	6	3	Reduce RPM to 800	
L-33	1150	85-06-27	075°	800	"	"	"	"	6	3	c/c to 075°	
L-33	1234	85-06-27	080°	800	"	1/8 1/8	.5 sec fire .5 sec	"	6	3	c/c to 080°	
L-33	1247 1249	85-06-27	080°	800	"	1/8 1/8	.5 sec fire .5 sec fire	2 kHz 500-2000 Hz	6	3	Belt change on EPC 3200	NOI LOI
L-33	1308	85-06-27	071	800	"	1/8 1/8	.5 sec fire .5 sec fire	"	6	3	c/c to 071	
L-33	1315 1316	85-06-27	071	800	"	1/8 1/8	.5 sec fire .5 sec fire	"	7	3	Change to Mag Tape #7	NOI LOI
L-33	1354	85-06-27	076	800	DATASONICS 3.5 kHz ORE Geopulse 200j	1/8 1/8	.5 sec fire .5 sec fire	2 kHz 500-2000 Hz	7	3	c/c to 076°	"
L-33	1455	85-06-27	060	800	"	"	"	"	7	3	c/c to 060°	"
L-33	1608	85-06-27	050	800	"	"	"	"	7	3	c/c to 050°	LOI NOI
EOL L-33	1721 1722	85-06-27	050	800	"	1/8 1/8	.5 sec fire .5 sec fire	2 kHz 500-2000 Hz	8	3	EOL L-33 Change to Mag Tape #8	
SOL L-34	1722	85-06-27	140	800	"	"	"	"	8	3	SOL L-34	
L-34	1727	85-06-27	140	900	DATASONICS 3.5 kHz ORE Geopulse 200j	1/8 1/8	.50 sec fire .50 sec fire	2 kHz 500-2000 Hz	8	3	RPM increase to 900	LOI NOI
L-34	1820	85-06-27	140	900	"	1/8 1/8	.50 sec fire .50 sec fire	2 kHz 500-2000 Hz	8	3	ON LINE L-34	
EOL L-34	178 1859	85-06-27	140	900	"	1/8 1/8	.50 sec fire .50 sec fire	"	8	4	EOL L-34 Change to data roll #4	
SOL L-35	1902	85-06-27	225	900	"	1/8 1/8	"	"	8	4	START OF LINE L-35	
L-35	1912	85-06-27	225°	1000	"	"	"	"	8	4	RPM TO 1000	
EOL L-35	178 2013	85-06-27	225°	1000	"	"	"	"	8	4	EOL L-35	
SOL L-36	2015	85-06-27	320°	1000	"	"	"	"	8	4	SOL L-36	
EOL L-36	2003	85-06-27	320	1000	"	"	"	"	8	4	EOL L-36 WEATHER	
											END OF NAV TAPE #	

Area: LA COASTOperator(s): West McFarlen

Line	Time	Y-M-D	Course	Speed	Seismic system	Sweep	Program/ Scale	Filter Lo-High	Tape No.	Data roll	Comments	NA
SOL L-37	1917	¹⁷⁹ 85-06-28	145	950	DATASONKS 3.5 KHz ORE GEOPULSE @ 200	1/8 1/8	.50 sec FIRE .50 sec FIRE	2KHz BAND 500-2000Hz	9	4	S.O.L. Line L-37 Changed to Mag #9	LOMA ALBERT
EOL L-37	2026	85-06-28	145	95	"	"	"	"	9	4	EOL L-37	
SOL L-38			56						9	4	SOL L-38	
EOL L-38	2043	85-06-28	56	950	"	"	"	"	9	4	EOL L-38	
SOL L-39	2046	85-06-28	³²⁶ 326	950	"	"	"	"	9	4	SOL L-39	
L-39	2120	TO 2145	326	950	"	"	"	"	9	4	Loran C DOWN CHAIN coupler off - STORM	
EOL L-39	¹⁷⁹ 2200	85-06-28	326	950	"	"	"	"	9	4	EOL L-39	
SOL L-40	¹⁷⁸ 2222	85-06-28	050	950	"	"	"	"	9	4	SOL L-40	
SOL L-41	2224	85-06-28	143	950	"	"	"	"	9	4	SOL L-41	
L-41	2315	85-06-28	143	950	"	"	"	"	10	4	Changed to MAG TAPE # 10	NA
EOL L-41	2326		143	950	"	"	"	"	10	4	EOL L-41	
SOL L-42	2328	85-06-28	065	950	"	"	"	"	10	4	SOL L-42	
EOL L-42	2337	85-06-28	065	950	"	"	"	"	10	4	EOL L-42	
SOL L-43	2339	85-06-28	330	950	"	"	"	"	10	4	SOL L-43	
L-43	0000	85-06-29	330	950	"	"	"	"	10	4	ON LINE L-43	
EOL L-43	¹⁸⁰ 0039	85-06-29	330	950	"	"	"	"	10	4	EOL L-43	
SOL L-44	0039	85-06-29	050	950	"	"	"	"	10	4	SOL L-44	
EOL L-44	0106	85-06-29	050	950	"	"	"	"	10	4	EOL L-44	
SOL L-45	0107	85-06-29	135	950	"	1/8 1/8	.5 sec FIRE .5 sec FIRE	2KHz 500-2000Hz	10	4	SOL L-45	
L-45	⁰¹¹⁰ 0111	85-06-29	135	950	DATASONKS 3.5KHz ORE GEOPULSE 200	1/8 1/8	.50 sec FIRE .50 sec FIRE	2KHz 500-2000Hz	10	4	Belt Change 3200	NA LOA

Ship/Cruise No./Leg: L15ER IIChief Scientist: SUTER PENLANDArea: LA. COASTAL AREAOperator(s): WEST McFARLEN

Line	Time	Y-M-D	Course	Speed	Seismic system	Sweep	Program/ Scale	Filter Lo-High	Tape No.	Data roll	Comments	No. Lo.
EOL L-45	0116	85-06-29	135	950	DATA SONICS 3.5 kHz ORE GEOPULSE 200j	1/8 1/8	.50 sec fire .50 sec fire	2 kHz 500-2000 Hz	10	4	END of LINE L-45	Lo No
SOL L-46	0117	85-06-29	065	950	"	"	"	"	10	4	START of LINE L-46	
L-46	0159	85-06-29	090	950	"	1/8 1/8	.50 sec fire .50 sec fire	2 kHz 500-2000 Hz	10	4	CK TO 090°	"
EOL L-46	0247	85-06-29	090	950	"	1/8 1/8	.50 sec fire .50 sec fire	2 kHz 500-2000 Hz	10	4	END of LINE L-46	"
SOL L-47	0250	85-06-29	180	950	"	1/8 1/8	.50 sec fire .50 sec fire	2 kHz 500-2000 Hz	10	4	START of LINE L-47	"
EOL L-47	03	85-06-29	180	950	"	1/8 1/8	.50 sec fire .50 sec fire	2 kHz 500-2000 Hz				
SOL L-48	03	85-06-29		950	DATA SONICS 3.5 kHz ORE GEOPULSE @ 200j	1/8 1/8	.50 sec fire .50 sec fire	2 kHz 500-2000 Hz				
L-47	0317 0318	85-06-29	180	950	"	1/8 1/8	"	"	11	4	Change to Mag Tape # 11	No. Lo
EOL L-47	0340	85-06-29	180	950	"	1/8 1/8	"	"	11	4	END of LINE L-47	
SOL L-48	0342	85-06-29	090	950	"	1/8 1/8	.50 sec fire .50 sec fire	2 kHz 500-2000 Hz	11	4	START of LINE L-48	
EOL L-48	0352	85-06-29	090	950	"	1/8 1/8	"	2 kHz 500-2000 Hz	11	4	END of LINE L-48	
SOL L-49	0353	85-06-29	000	950	"	1/8 1/8	"	2 kHz 500-2000 Hz	11	4	START of LINE L-49	
L-49	0356	85-06-29	000	950	"	"	"	"	11	5	Change to DATA Roll #5	No. Lo.
EOL L-49	0511	85-06-29	000	950	"	"	"	"	11	5	END of LINE L-49	
SOL L-50	0512	85-06-29	090	950	DATA SONICS 3.5 kHz ORE GEOPULSE 200j	1/8 1/8	.50 sec fire .50 sec fire	2 kHz 500-2000 Hz	11	5	START of LINE L-50	
EOL L-50	0526	85-06-29	090	950	"	"	"	"	11	5	END of LINE L-50	*
SOL L-51	0527	85-06-29	180	950	"	1/8 1/8	"	"	11	5	START of LINE L-51	0556 Deep pen Towfish .3m
EOL L-51	0631	85-06-29	180	950	"	"	.50 sec fire .50 sec fire	"	11	5	END of LINE L-51	
SOL L-52	0634	85-06-29	090	950	DATA SONICS 3.5 kHz ORE GEOPULSE 200j	"	"	2 kHz 500-2000 Hz	11	5	START of LINE L-52	
F01 L-52	0641	85-06-29	090	950	"	1/8 1/8	"	"	11	5	END of LINE L-52	MA No Lo

Ship/Cruise No./Leg: LASERTT R J RUSSELL
 Area: LA Coastal Area

Chief Scientist: SUTER PENLAND
 Operator(s): West McFARLEN

Line	Time	Y-M-D	Course	Speed	Seismic system	Sweep	Program/ Scale	Filter Lo-High	Tape No.	Data roll	Comments	N
SOL L-53	0645	85-06-29	000	950	DATA SONICS 3.5 kHz $\frac{1}{8}$	$\frac{1}{8}$.50 sec fire .50 sec fire	2 kHz 500-2000 Hz	11	5	Start of Line L-53	NOR LOA
L-53	0720	85-06-29	000	950	" "	"	"	"	12	5	changed to Mag TAPE # 12	"
EOL L-53	0802	85-06-29	000	950	"	"	"	"	12	5	BEET change EPC 3200	"
SOL L-54	0804	"	096°	950	"	"	"	"	12	5	SOL L-54	"
EOL L-54	0815	"	096°	950	"	"	"	"	12	5	EOL L-54	"
SOL L-55	0816	"	186°	950	"	"	"	"	12	5	SOL L-55	"
EOL L-55	0914	"	186°	950	"	"	"	"	12	5	EOL L-55	"
SOL L-56	0917	85-06-29	017	950	"	"	"	"	12	5	SOL L-56	"
EOL L-56	1030	85-06-29	017	950	"	"	"	"	12	5	EOL L-56	"
SOL L-57	1032	85-06-29	120	950	"	"	"	"	12	5	SOL L-57	"
EOL L-57	1038	85-06-29	120	950	"	"	"	"	12	5	EOL L-57	"
SOL L-58	1039	85-06-29	195	950	"	"	"	"	12	5	SOL L-58	"
L-58	1051	85-06-29	195	900	"	"	"	"	"	"	Speed ~ 5.8 knots Reduced RPM TO 900	"
L-58	1125	85-06-29	195	900	"	"	"	"	13	5	changed to Mag TAPE # 13	"
EOL L-58	1146	85-06-29	195	900	"	"	"	"	13	5	EOL L-58	"
SOL L-59	1149	85-06-29	125	900	"	"	"	"	13	5	SOL L-59	"
EOL L-59	1205	85-06-29	125	900	DATA SONICS 3.5 kHz $\frac{1}{8}$ ORE Geopulse 200j	$\frac{1}{8}$	"	"	13	5	End of Line L-59	NOR LOA
SOL L-60	1206	85-06-29	012	900	"	"	.50 sec fire .50 sec fire	2 kHz 500-2000 Hz	13	5	Start of Line L-60	"
L-60	1217	85-06-29	012	1000	"	"	"	2 kHz 500-2000 Hz	13	5	RPM increase to 1000	"
EOL L-60	1330	"	012	"	"	"	"	"	13	5	End of Line L-60	"

Ship/Cruise No./Leg: LASER II

RU RUSSELL

Chief Scientist: JUTER PENLANDArea: LA (ASTOR)Operator(s): WEST McFARLEN

Line	Time	Y-M-D	Course	Speed	Seismic system	Sweep	Program/Scale	Filter Lo-High	Tape No.	Data roll	Comments	Na
SOL L-61	1331	85-06-29	120	1000	DATASONICS 3.5 KHz ORE GEOPULSE @ 200j	1/8 1/8	.50 sec fire .50 sec fire	2 KHz 500-2000 Hz	13	5	START OF LINE L-61	NORTH LOCAL
EOL L-61	1340	85-06-29	120	1000	"	1/8 1/8	.50 sec fire .50 sec fire	2 KHz 500-2000 Hz	13	5	END OF LINE L-61	
SOL L-62	1341	85-06-29	190	1000	"	"	"	2 KHz 500-2000 Hz	13	5	START OF LINE L-62	"
L-62	1358 1359	85-06-29	190	1000	DATASONICS 3.5 K ORE GEOPULSE 200j	"	"	"	13	5	change belt on 3200	"
EOL L-62	1452	85-06-29	190	1000	"	1/8 1/8	"	"	13	5	END OF LINE L-62	
SOL L-63	1453	85-06-29	095	1000	"	"	.50 sec fire .50 sec fire	"	13	5	START OF LINE L-63	NORTH LOCAL
EOL L-63	1503	85-06-29	095	1000	"	"	"	2 KHz 500-2000 Hz	13	5	END OF LINE L-63	
SOL L-64	1504	85-06-29	013	1000	DATASONICS 3.5 K ORE GEOPULSE 200j	"	"	"	13	5	START OF LINE L-64	
L-64	1510 1511	85-06-29	013	1000	"	1/8 1/8	"	"	13	6	change EPC 3200 Data Roll #6	
L-64	1530 1532	85-06-29	013	1000	"	"	.50 sec fire .50 sec fire	"	14	6	change Mag Tape 14 clean degauss	
EOL L-64	1602	85-06-29	013	1000	"	"	"	2 KHz 500-2000 Hz	14	6	END OF LINE L-64	
SOL L-65	1603	85-06-29	110	1000	DATASONICS 3.5 KHz ORE GEOPULSE 200j	"	"	"	14	6	START OF LINE L-65	NORTH LOCAL
EOL L-65	1610	85-06-29	110	1000	"	1/8 1/8	"	"	14	6	END OF LINE L-65	
SOL L-66	1611	85-06-29	187	1000	"	"	.50 sec fire .50 sec fire	"	14	6	START OF LINE L-66	
EOL L-66	1626	85-06-29	187	1000	"	"	"	2 KHz 500-2000 Hz	14	6	END OF LINE L-66	
SOL L-67	1727	85-06-29	090	1000	DATASONICS 3.5 KHz ORE GEOPULSE 200j	"	"	"	14	6	START OF LINE L-67	NORTH LOCAL
EOL L-67	1740	85-06-29	090	1000	"	1/8 1/8	"	"	14	6	END OF LINE L-67	
SOL L-68	1741	85-06-29	010	1000	"	"	.50 sec fire .50 sec fire	"	14	6	START OF LINE L-68	
					"	"	"	2 KHz 500-2000 Hz				
					DATASONICS 3.5 KHz ORE GEOPULSE 200j	"	"	"				NORTH LOCAL

Ship/Cruise No./Leg: LASER IIR J RUSSELLChief Scientist: SUTER PENLANDArea: COASTAL LA.Operator(s): WEST McFARLEN

Line	Time	Y-M-D	Course	Speed	Seismic system	Sweep	Program/ Scale	Filter Lo-High	Tape No.	Data roll	Comments	Na
L-68	1805	85.06.29	010	1000	DATASONICS 3.5 O.R.E. Geopulse 200J.	$\frac{1}{2}$ $\frac{1}{10}$.50 sec fine .50 sec fine	2 KHZ 500-2000	14	G	ONLINE L-68	NA
EOL L-68	1845	85.06.29	010	1000	"	"	"	"	14	G	EOL L-68	"
SOL L-69	1846	85.06.29	090	1000	"	"	"	"	14	G	SOL L-69	"
EOL L-69	1852	85.06.29	090	1000	"	"	"	"	14	G	EOL L-69	"
SOL L-70	1854	85.06.29	187	1000	"	"	"	"	14	G	SOL L-70	"
L-70	1935	85.06.29	187	1000	"	"	"	"	15	G	Changed to Mag TAPE # 15	"
EOL L-70	2000	85.06.29	187	1000	"	"	"	"	15	G		"
SOL L-71	2001	85.06.29	115	1000	"	"	"	"	15	G		"
	2005	85.06.29	115	1500					15	G	SHUT DOWN PORT ENGINE STARBOARD AT 1500 RPM	"
EOL L-71	2007	85.06.29	115	1500					15	G		"
SOL L-72	2010	85.06.29	007	1500	"	"	"	"	15	G		"
L-72	2016	85.06.29	007	1500					15	G	Belt change on EPC 3200	
L-72	2020								15	G	Slowed for Engine Maint.	
L-72	2023	85.06.29	007	1500	"	"	"	"	15	G	Speed up to 1500 ON STAR. Engine	
EOL L-72	2107	85.06.29	007	1500	"	"	"	"	15	G	EOL L-72	
SOL L-73	2112	85.06.29	095	1500	"	"	"	"	15	G	SOL L-73	
EOL L-73	2118	85.06.29	095	1500	"	"	"	"	15	G	EOL L-73	
SOL L-74	2120	85.06.29	185	1500	"	"	"	"	15	G	SOL L-74	
EOL L-74	2215	85.06.29	185	1500					15	G	EOL L-74	
SOL L-75	2218	85.06.29	100	1500					15	G	SOL L-75	

Ship/Cruise No./Leg: RJ RUSSEL LASER IIChief Scientist: SUTER, PENLAND.Area: COASTAL LA.Operator(s): WIST, P. FORTER

Line	Time	Y-M-D	Course	Speed	Seismic system	Sweep	Program/ Scale	Filter Lo-High	Tape No.	Data roll	Comments	Na
EOL L75	2226	85.06.29	100°	1500	DATASONICS 3.5 ORF GEOPULSE 200J	1/8 1/8	.5 sec line .5 sec line	2KHz 500-2000	15	6	EOL L-76	NO 60
SOL L76	2228	85.06.29	010°	1500	" "	"	"	"	15	6	SOL L-76	"
L-76	2245	85.06.29	010°	1400	"	"	"	"	15	6	Reduce RPM TO 1400	"
EOL L-76	2322	85.06.29	010°	1400	" "	"	"	"	15	6	EOL L-76	"
SOL L-77	2324	85.06.29	100	1400	" "	"	"	"	16	6	changed to Mag TAP #16	SOL L-77 4
EOL L-77	2333	85.06.29	100	1400	" "	"	"	"	16	6	EOL L-77	
SOL L-78	2335	85.06.29	185°	1400	" "	"	"	"	16	6	SOL L-78	
EOL L-78	0031	85-06-30	185°	1400	DATASONICS 3.5KHz ORF GEOPULSE 200	"	"	"	16	6	END of Line L-78	NO LOR
SOL L-79	0033	85-06-30	100	1400	"	1/8 1/8	"	"	16	6	START of Line L-79	
EOL L-79	0042	85-06-30	100	1400	"	"	.5 sec fire .5 sec fire	"	16	6	END of Line L-79	
SOL L-80	0044	85-06-30	10	1400	"	"	"	2KHz 500-2000Hz	16	6	Start of Line L-80	
EOL L-80	0137	85-06-30	10	1400	DATASONICS 3.5 kHz ORF GEOPULSE 200J	"	"	"	16	6	END of Line L-80	NO LOR
SOL L-81	0138	85-06-30	90	1400	"	1/8 1/8	"	"	16	6	Start of Line L-81	"
EOL L-81	0150	85-06-30	90	1400	"	"	.50 sec fire .50 sec fire	"	16	6	END of Line L-81	"
SOL L-82	0152	85-06-30	187	1400	"	"	"	2KHz 500-2000Hz	16	6	Start of Line L-82	"
L-82	0157 0158	85-06-30	187	1400	DATASONICS 3.5KHz ORF GEOPULSE 200J	"	"	"	16	6	change 3200 BELT	NO LOR
L-82	0225	85-06-30	187	1400	"	1/8 1/8	"	"	16	7	change to DATA Roll #7	"
EOL L-82	0244	85-06-30	187	1400	"	"	.50 sec fire .50 sec fire	"	16	7	END of Line L-82	
SOL L-83	0247	85-06-30	035	1400	"	"	"	2KHz 500-2000Hz	16	7	START of Line L-83	
EOL L-83	0325	85-06-30	035	1400	DATASONICS 3.5KHz ORF GEOPULSE 200J	"	"	"	17	7	change to END of Line L-83 May 17	NO LOR

Ship/Cruise No./Leg: R/V RUSSELL LAKER IIChief Scientist: SUTER PENLANDArea: COASTAL LOUISIANAOperator(s): WEST McFARLEN

Line	Time	Y-M-D	Course	Speed	Seismic system	Sweep	Program/ Scale	Filter Lo-High	Tape No.	Data roll	Comments	No.
EOL L-83	0330	85-06-30	035	1400	DATASONICS 3.5 KHz GEOPULSE 200j	1/8 1/8	.50 sec fire .50 sec fire	2KHz 500-2000Hz	17	7	END OF LINE L-83	LOL NOR
SOL L-84	0332	85-06-30	160	1400	"	1/8 1/8	"	"	17	7	START OF LINE L-84	
L-84	0349	85-06-30	160	1300	"	"	.50 sec fire .50 sec fire	"	17	7	Reduce speed to 1300 RPM (5.4k)	"
EOL L-84	0411	85-06-30	160	1300	"	"	"	2KHz 500-2000Hz	17	7	END OF LINE L-84	
SOL L-85	0413	85-06-30	248	1300	DATASONICS 3.5 KHz ORE GEOPULSE 200j	"	"	"	17	7	START OF LINE L-85	LOL NOR
EOL L-85	0502	85-06-30	248	1300	"	1/8 1/8	"	"	17	7	END OF LINE L-85	
SOL L-86	0503	85-06-30	154	1300	"	"	.50 sec fire .50 sec fire	2KHz 500-2000 Hz	17	7	START OF LINE L-86	
L-86	0509	85-06-30	154	1300	"	"	"	2KHz 500-2000 Hz	17	7	EG+G of Trigger (CDU) DOWN	
L-86	0521	85-06-30	154	1300	DATASONICS 3.5 KHz	1/8	.50 sec fire	2KHz	17	7	USING INTERNAL MODE ON TRIGGER ON DATASONICS SBT 220	
L-86	0526	85-06-30	154	1300	DATASONICS 3.5 KHz GEOPULSE 200j	1/8 1/8	.50 sec fire .50 sec fire	2KHz 500-2000 Hz	17	7	TAPE ON	LOL NOR
EOL L-86	0535	85-06-30	154	1300	"	1/8 1/8	"	"	17	7	END OF LINE L-86	
SOL L-87	0536	85-06-30	154	1300	"	"	.50 sec fire .50 sec fire	"	17	7	START OF LINE L-87	
EOL L-87	0616	85-06-30	154	1300	"	"	"	"	17	7	EOL L-87	"
SOL L-88	0617	85-06-30	340°	1300	"	"	"	"	17	7	SOL L-88	"
L-88	0722	85-06-30	340	1300	"	"	"	"	17	7	BELT CHANGE ON BPC 3200	"
L-88	0743	85-06-30	340	1300	"	"	"	"	18	7	CHANGE TO MAG TAPE # 18	"
EOL L-88	0814	85-06-30	340	1300	"	"	"	"	18	7	EOL L-88	
SOL L-89	0815	85-06-30	287	1300	"	"	"	"	18	7	SOL L-89	
L-89	0955	85-06-30	287	1300	"	"	"	"	18	7	BELT CHANGE ON BPC 3200	
L-89	1100	85-06-30	290	1300	"	"	"	"	18	7	C/C TO 290°	

Ship/Cruise No./Leg: RJ RUSSELL LASER STChief Scientist: SUTER PENLANDArea: COASTAL LOUISIANAOperator(s): WEST McFARLEN

Line	Time	Y-M-D	Course	Speed	Seismic system	Sweep	Program/Scale	Filter Lo-High	Tape No.	Data roll	Comments	N
EOL L-89	181 1150	85-06-30	290	1300	DATASONICS 3.5KHz ORE GEOPULSE 200j	1/8 1/8	.50sec fire .50sec fire	2KHz 500-2000Hz	19	7	Changed to Mag Tape #19 EOL 89	LOAN NO.
SOL L-90	1151	85-06-30	246	1300	"	1/8 1/8	"	"	19	7	START of Line L-90	
L-90	1200	85-06-30	246	1300	"	"	.50sec fire .50sec fire	"	19	7	Moved GEOPULSE TO STARBOARD SIDE TO STEER OUT OF WAKE + REMOVE NOISE	
EOL L-90	1223	85-06-30	246	1300	"	"	"	2KHz 500-2000Hz	19	7	EOL L-90	4
SOL L-91	1226	85-06-30	105	1300	DATASONICS 3.5KHz ORE GEOPULSE 200j	"	"	"	19	7	SOL L-91	LO. NO.
L-91	1256	85-06-30	100	1300	"	1/8 1/8	"	"	19	7	c/c to 100°	
L-91	1344	85-06-30	115	1300	"	"	.50 sec fire .50 sec fire	"	19	7	c/c to 115°	
L-91	1450	85-06-30	108	1300	"	"	"	2KHz 500-2000Hz	19	8	Change EPC 3200 Roll # 8	
L-91	1458	85-06-30	108	1300	DATASONICS 3.5KHz ORE GEOPULSE 200j	"	"	"	19	8	c/c to 108	LOAN NO.
L-91	1553 1554	85-06-30	108	1300	"	1/8 1/8	"	"	20	8	change to Mag Tape # 20	
EOL L-91	1610	85-06-30	108	1300	"	"	.50sec fire .50sec fire	"	20	8	END of Line L-91	"
SOL L-92	1612	85-06-30	150	1300	"	"	"	2KHz 500-2000Hz	20	8	START of Line L-92	"
L-92	1720	85-06-30	150	1300	DATASONICS 3.5KHz ORE GEOPULSE @ 200j	"	"	"	20	8	Autopilot malfunction	LOAN NO.
EOL L-92	1802	85-06-30	150	1300	"	1/8 1/8	"	"	20	8	END of Line L-92	
SOL L-93	1804	85-06-30	240	1300	"	"	.50 sec fire .50 sec fire	"	20	8	START of Line L-93	
EOL L-93	1815	85-06-30	240	1300	"	"	"	"	20	8	EOL L-93	
SOL L-94	1816	85-06-30	340	1300	"	"	"	"	20	8	SOL L-93	
L-94	1917	85-06-30	340	1300	"	"	"	"	20	8	Gen Quit - ALL systems off	
L-94	1934	85-06-30	340	1300	"	"	"	"	20	8	All systems back on	
EOL L-94	1939	85-06-30	340	1300	"	"	"	"	20	8	EOL L-94	

Ship/Cruise No./Leg: RT RUSSELL

Chief Scientist: SUTER - PERLAND

Area: COASTAL LA.

Operator(s): WEST - M'FARLAN

Line	Time	Y-M-D	Course	Speed	Seismic system	Sweep	Program/Scale	Filter Lo-High	Tape No.	Data roll	Comments	N
SOL-L-95	1941	85.06.30	285	1300	DATASONICS 3.5KHz ORE GEOPULSE	1/8 1/8	.50 sec fire .50 sec fire	2KHz 500-2000	20	8	SOL L-95	NOR LOA
L-95	2203	85.06.30	285	1300	"	1/8 1/8	"	"	20	8	ON L-95 *2013 Change to Mag Tape #2 John P.U.	1"
EOL L-95	2317	85.06.30	285	1300	"	"	.50 sec fire .50 sec fire	"	21	8	EOL L-95 PICK UP GEAR. RUN WEST	"
	2318	85-06-30	285	1300	"	"	"	2KHz 500-2000Hz	22	8	Change to Mag Tape #22 Clean Degauss	NOR LOA
SOL L-96	0230	85-07-01	320	1300	DATASONICS 3.5 KHz ORE GEOPULSE 200j	"	"	"	22	8	START of Line L-96 Degas 25 25 ft	NOR LOA
EOL L-96	0418	85-07-01	320	1300	"	1/8 1/8	"	"	22	8	END of Line L-96	"
SOL L-97	0419	85-07-01	230	1300	"	"	.50 sec fire .50 sec fire	"	22	8	START of Line L-97	"
EOL L-97	0503	85-07-01	230	1300	"	"	"	2KHz 500-2000Hz	22	8	END of Line L-97	"
SOL L-98	0504	85-07-01	150	1300	DATASONICS 3.5KHz ORE GEOPULSE 200j	"	"	"	22	8	START of Line L-98	Lo. Nor
L-98	0525	85-07-01	150	1300	"	1/8 1/8	"	"	22	9	Change to Data Roll #9	"
EOL L-98	0608	85-07-01	150	1300	"	"	.50 sec fire .50 sec fire	"	22	9	END of Line L-98 Change to Mag #23	"
SOL L-99	0610	85-07-01	230	1300	"	"	"	2KHz 500-2000Hz	22	9	START of Line L-99 0612 Pairs Towfish 25ft	NOR LOA
EOL L-99	0632	85-07-01	230	1300	DATASONICS 3.5KHz ORE GEOPULSE 200j	"	"	"	22	9	END of Line L-99	"
SOL L-100	0634	85-07-01	328	1300	"	1/8 1/8	"	"	23	9	START of Line L-100 Change Mag Tape #23	"
EOL L-100	0746	85-07-01	328	1300	"	"	"	"	23	9	END of Line L-100	"
SOL L-101	0748	85-07-01	230	1300	"	"	"	"	23	9	SOL - L-101	"
L-101	0814	85-07-01	220	1300	"	"	"	"	23	9	C/O TO 230	"
L-101	0831	85-07-01	345	1300	"	"	"	"	23	9	C/O TO 345	"
L-101	0835	85-07-01	250	1300	"	"	"	"	23	9	C/O TO 250	"
L-101	0851	85-07-01	250	1300	"	"	"	2KHz 200-2000	23	9	C/FILTER Geopulse 200-2000	"

Ship/Cruise No./Leg: RT RUSSELL LASER IIChief Scientist: SUTTA PenlandArea: COASTAL LA.Operator(s): WEST M'Farlan

Line	Time	Y-M-D	Course	Speed	Seismic system	Sweep	Program/ Scale	Filter Lo-High	Tape No.	Data roll	Comments	Na
L-101	0910	85-07-01	250	1300	DATASONICS 3.5KHz ORE GEOPULSE @ 200g	1/8 1/8	.50 sec FIRE .50 sec FIRE	2KHz 200-2000	23	9	ONLINE L-101	NOT LOG
EOL L-101	0939	85-07-01	250	1300	"	"	"	"	23	9	EOL L-101	"
SOL L-102	0941	85-07-01	165°	1300	"	"	"	"	23	9	SOL L-102	"
L-102	0947	85-07-01	165	1300	"	"	"	"	23	9	Beit change EPK 3200	"
EOL L-102	1032	85-07-01	165	1300	"	"	"	"	23	9	EOL 102 PICK UP Aval A--Tocodnie	"
END OF NIGHT # 2												
SOL L-103	0056	85-07-03	180		DATASONICS 3.5KHz ORE GEOPULSE 200g	1/8 1/8	.50 sec FIRE .50 sec FIRE	2KHz 200-2000 Hz	24	9	Change to Tape # 24 SOL L-103	NOT LOG
L-103	0110	85-07-03	180		"	1/8 1/8	"	"	24	9	fine tuning of Delay Unit & adj. to improve trigger (cycled program/stake)	"
L-103	0120	85-07-03	180	1000	"	"	.50 sec FIRE .50 sec FIRE	"	24	9	Back into duty cycle: will get back online	"
NOT ON LINE while on Repair	0201							2KHz 200-2000 Hz	24	9	More trigger CDU problems - online waiting to get	LOG NOT
RESTART 58L	0204	85-07-03	180	1000	DATASONICS 3.5KHz ORE GEOPULSE 200g	"	"	"	24	9	Restart SOL L-103	LOG NOT
L-103	0321	85-07-03	180	850	"	1/8 1/8	"	"	24	9	Rpm to 850 850	"
L-103	0440	85-07-03	180	850	"	"	.50 sec FIRE .50 sec FIRE	"	25	9	Change to Mag Tape # 25	"
L-103	0542	85-07-03	180	950	"	"	"	2KHz 200-2000 Hz	25	9	Increase rpm to 950	"
L-103	0715	85-07-03		950	DATASONICS 3.5KHz ORE GEOPULSE 200g	"	"	"	25	10	Change to DATA ROLL #10	LOG NOT
					"	1/8 1/8	"	"				
					"	"	.50 sec FIRE .50 sec FIRE	"				
L-103	0800	85-07-03	180	950	"	"	"	2KHz 200-2000 Hz	25	10	ONLINE L103	"
L-103	0842	85-07-03	180	950	"	"	"	"	26	10	Change to MAG TAPE #26	"

Ship/Cruise # / Leg R.J. Russell LASCA II

Chief Scientist SUTCL ^{WEST} ^{McFarland}

Area COASTAL LA. Ship SbarL

Operator(s) ^{THE} ^{BEST} WEST McFarland

Line	Time	Y-M-D	CRS	SPD	Seismic System	SWP	PROG / Scale	Filter LO-HIGH	Tape #	Data Roll	Comments	Nav
L103	0843	85-07-03	180	950	DATASONICS 3.5 KHZ ORE GEOPULSE @ 200J	1/8 1/8	.50 SEC FIRE .50 SEC FIRE	2 KHZ 200-2000	26	10	ON Line # L103	NORTH LOCAL
EOL L103	0935	85-07-03	180	950	"	1/8 1/8	"	"	26	10	EOL L-103	"
SOL L104	0933	85-07-03	090°	950	"	"	.50 SEC FIRE .50 SEC FIRE	"	26	10	SOL L104	"
	0942	"	090	900	"	"	"	2 KHZ 200-2000	"	"	Speed ~ 4.5	"
EOL L104	1032	"	090	900	DATASONICS 3.5 KHZ ORE GEOPULSE 200J	"	"	"	26	10	Reduce RPM TO 900 SOL L104	NORTH LOCAL
SOL L105	1034	85-07-03	000°	900	"	1/8 1/8	"	"	26	10	SOL L105	"
L-105	1243	85-07-03	000°	900	"	"	.50 SEC FIRE .5 SEC FIRE	"	27	10	Change to MAG TAPE # 27	"
L-105	1245	85-07-03	000°	900	"	"	"	2 KHZ 500-2000	27	10	change filter on tape to 500-2000	"
L-105	1430	85-07-03	000°	1000	DATASONICS 3.5 KHZ ORE GEOPULSE @ 200J	"	"	"	27	10	RPM INCREASE TO 1000 change belt on EPC 3200	NORTH LOCAL
L-105	1543	85-07-03	350°	900	"	1/8 1/8	"	"	27	10	C/C w RPM to 900	"
L-105	1645	85-07-03	350°	900	"	"	.50 SEC FIRE .50 SEC FIRE	"	28	10	Change to MAG TAPE 28 CLEAN DEGRASS	"
EOL L105	1723	85-07-03	350°	900	"	"	"	2 KHZ 500-2000 Hz	28	10	END OF LINE L-105	"
SOL L106	1724	85-07-03	090	900	DATASONICS 3.5 KHZ ORE GEOPULSE @ 200J	"	"	"	28	10	START OF LINE L-106	NORTH LOCAL
L-106	1729	85-07-03	090	950	"	1/8 1/8	"	"	28	10	RPM INCREASE TO 950	"
L-106	1825	85-07-03	090	950	"	"	"	"	28	11	Change to DATA ROLL # 11	"
EOL L106	1848	85-07-03	090	950	"	"	"	"	28	11	EOL L106	"
SOL L107	1849	85-07-03	180	950	"	"	"	"	28	11	SOL L107	"
L-107	1918	85-07-03	180	900	"	"	"	"	28	11	Reduce RPM TO 900	"
L-107	2034	85-07-03	180	950	"	"	"	"	28	11	RPM TO 950	"

Ship/Cruise # / Leg RT Russel LASER II Chief Scientist SUTEL Aenland

Area Ship Board - COASTAL LA.

Operator(s) West McFarlane

Line	Time	Y-M-D	CRS	SPD	Seismic System	SWP	PROG / Scale	Filter LO-HIGH	Tape #	Data Roll	Comments	Nav
L107	2039	85.07.03	180	1300 1450	DATASONICS 3.5KHz ORE GEOPULSE @ 2005	1/8 1/8	.50 sec fire .50 sec fire	2KHz 500-2000	28	11	1300 RPM TO STAR - CHECKING PORT ENGINE	NORTH LORAN
L107	20 40 ⁴⁷	85.07.03	180	—	"	1/8 1/8	"	"	29	11	CHANGE TO TAPE # 29	
L107	2050	85.07.03	180	1300	"	"	.50 sec fire .50 sec fire	"	29	11	STAR ENGINE DOWN PORT ENGINE RUNNING 1300 RPM	
L107	2127	85.07.03	180	1300	"	"	"	2KHz 500-2000Hz	29	11	Belt change on EPC 3200	
L107	0052	85-07-04	180	1300	DATASONICS 3.5KHz ORE GEOPULSE 2005	"	"	"	30	11	change to MAG TAPE #30	NORTH LORAN
EOL L-107	0157	85-07-04	180	1300	"	1/8 1/8	"	"	30	11	END OF LINE # L-107	"
SOL L-108	0158	85-07-04	090	1300	"	"	.50 sec fire .50 sec fire	"	30	11	START OF LINE L-108	"
L-108	0221	85-07-04	090	1300	"	"	"	2KHz 500-2000 Hz	30	11	change Belt EPC 3200	"
EOL L-108	0314	85-07-04	090	1300	DATASONICS 3.5KHz ORE GEOPULSE 2005	"	"	"	30	11	END OF LINE L-108	NORTH LORAN
SOL L-109	0315	85-07-04	000	1300	"	1/8 1/8	"	"	30	11	START OF LINE L-109	"
L-109	0453	85-07-04	000	1300	"	"	.50 sec fire .50 sec fire	"	31	11	CHANGE TO MAG TAPE #31	"
L-109	0525	85-07-04	000	1300	"	"	"	2KHz 500-2000 Hz	31	12	CHANGE TO DATA ROLL # 12	"
L-109	0620	85.07.04	000	1300 PORT	"	1/8 1/8	.50 sec fire .50 sec fire	2KHz 500-2000 Hz	31	12	ON LINE L109	JW. ON
L-109	0750	85-07-04	000	1300 PORT	"	"	"	"	31	12	Belt change on EPC 3200	"
EOL L-109	0810	85.07.04	000	1300	"	"	"	"	31	12	EOL L-109 Pick up beam	"
	0830	85.07.04	—	—	"	"	"	"	31	12	changed to Mag TAPE 32	"
SOL L-110	1135	85.07.04	230	1300	"	"	"	2KHz 700-2000	32	12	SOL L-110	4
L110	1200	85.07.04	218	1300	"	"	"	2KHz 700-2000	32	12	C/C TO 218°	"
L-110	1340	85-07-04	218	1300	"	"	"	"	32	12	Belt change 3200	"

