

p. 1

Time	SP/Fix	LAT.	LONG.	WDft	Ship spd/dir	Nav. system	Notes
	OC-96-1	28°57.01'	95°16.2'	18 ft.	72 inches Z sections		
	New Day July 9 1996 (Chirpe and Side Scan Oyster Creek from the ship channel)						
10:04	1	28°58.16'	95°16.9'		3.6/250		SOL OC96-1
10:17	2	28°58.89'	95°16.14'		4.5/520		
		July 11, 1996					2-3 foot seas 5-10 knot breeze
	BD-96-1	28°54.506	95°19.097	17			
	BD-96-2	28°53.652	95°18.496	30			
	BD-96-3	28°52.785	95°17.813	38			
	BD-96-4	28°51.539	95°16.751	49			
	BD-96-5	28°52.853	95°14.52	50			
	BD-96-6	28°52.66	95°13.83	53			
	DL-96-2	28°56.037	95°15.064	35			
	BS-96-1	28°59.38	95°12.85	23			
	BS-96-2	28°58.66	95°12.22	31			
	BS-96-3	28°57.59	95°11.34	41			
	BS-96-4	28°58.32	95°08.75	44			
	BS-96-5	29°00.00	95°10.24	32			
	BS-96-6	29°00.49	95°10.75	25			
	BS-96-7	29°00.99	95°11.10	17			

Line name: <u>SLB-96-1</u>	Energy: <u>J/PSI</u>	Tape #: <u>1</u>
Descr: <u>San Louis Bank + Follet's Island</u>	Firing Rate: <u>.25</u>	Filter: <u></u>
Date: <u>7/11/96</u>	Geophones: <u></u>	Source: <u>Chirp ci</u>

Time	SP/Fix	LAT.	LONG.	WD ^{ft}	Ship spd/dir	Nav. system	Notes
4:49 pm	SP 1	29°02.06	95°01.22'	-	2.7/-	GPS	
4:48.16:55	2	29°01.75	95°01.3'	44	4.5/179°		SOL 51696-1
17:15	3	29°00.5	95°00.5	46	5.0/144°		SOL 51696-1
17:30	4	28°59.7	94°59.95'	52	4.1/141°		
17:33	5	28°59.4	94°59.8'	53	4.4 -		EOL 51696-1
17:35	1	28°59.5'	94°59.7'	53	4.2/26.8		
17:45	2	29°00.13'	94°59.28'	52	3.9/30°		SOL 51696-2
18:00	3	29°01.22	94°58.53'	49	5.2/25°		
18:15	4	29°02.2'	94°57.8'	46	4.22/30.8°		EOL 51696-2
18:17	1	29°02.3'	94°57.9'	44	4.0/236°		
18:31	2	29°01.7'	94°58.7'	46	3.7/232°		SOL 51696-3 waves to Port rocky/ swelly data
18:45	3	29°01.2'	94°59.5'	46	4.7/232°		
19:00	4	29°00.69'	95°00.5'	44	3.6/240°		
19:16	5	29°00.13'	95°01.4'	44	3.5/236		
19:30	6	28°59.7'	95°02.3'	46	3.6/230°		
19:45	7	28°59.1'	95°03.2'	47	4.3/240°		
19:54	8	28°58.8'	95°03.7'	48	4.3/250°		EOL 51696-3
20:07	1	28°58.9'	95°03.7'	49	4.25/281		
20:15	2	28°58.95'	95°04.41'	49	4.1/268		SOL 51696-4
20:30	3	28°59.2'	95°05.5'	47	4.7/276		
20:38	4	28°59.3'	95°06.1'	47	4.0/230°		EOL 51696-4
20:41	2	28°59.2	95°06.31	47	3.6/228°		
21:00	3	28°58.56'	95°07.35'	47	3.2/239°		SOL 51696-1
21:15	4	28°58.05'	95°08.26'	49	3.8/220°		
21:30	5	28°57.5'	95°09.02	46	3.5/229°		
21:45	6	28°57.1'	95°10.0	46	3.5/234°		
22:00	7	28°56.58'	95°10.75'	46	3.4/220		EOL 51696-1
22:10	1	28°56.70'	95°10.92'	44	5.8/345°		
22:30	3	28°58.20'	95°11.59'	37	5.1/349°		SOL 51696-2
22:45	4	28°59.33'	95°12.11'	28	4.7/332°		covered #2
22:47	5	28°59.45'	95°12.30'	24	4.7/330		EOL 51696-2
22:50		28°59.45'	95°12.30'				

Line name: <u>bs96-4</u>	Energy: <u>J/PSI</u>	Tape #: <u>2</u>
Descr: <u>Big Slough + FRBH</u>	Firing Rate: _____	Filter: _____
Date: <u>7/12/96 + 7/11/96</u>	Geophones: _____	Source: _____ ci

Time	SP/Fix	LAT.	LONG.	WD	Ship spd/dir	Nav. system	Notes
22:50	1	28°59.53'	95°11.86'	28	4.5/88°		SOL BS-96-3
		Power Outage	to 10:00			New Tape	SOL
23:23	1	28°59.87'	95°10.25'	32	4.0/125°		
23:30	2	28°59.47'	95°09.81'	36	3.7/131°		SOL bs96-4
23:45	3	28°58.79'	95°09.22'	41	3.5/131°		
24:00	4	28°58.04'	95°08.63'	47	4.0/147°		
1:15	6	28°57.35'	95°08.01'	49	3.5/141°		
1:30	7	28°56.57'	95°07.36'	53	4.0/147°		
1:45	8	28°55.87'	95°06.65'	53	4.7/144°		
1:00	9	28°55.06'	95°06.00'	58	4.3/143°		
1:15	10	28°54.28'	95°05.30'	60	4.0/139°		
1:30	11	28°53.48'	95°04.60'	64	3.4/158°		
1:45	12	28°52.77'	95°04.04'	62	3.5/242		EOL bs96-4
1:47	1	28°52.64'	95°04.33'	62	3.8/255°		
2:00	2	28°52.26'	95°05.18'	62	3.5/240°		SOL FRbh96-1
2:15	3	28°51.81'	95°06.02'	62	4.1/232°		
2:30	4	28°51.43'	95°07.07'	62	4.0/248°		
2:45	5	28°50.95'	95°07.88'	62	3.7/242°		
3:00	6	28°50.51'	95°08.81'	62	4.0/235°		
3:15	7	28°50.06'	95°09.81'	62	4.0/234°		
3:30	8	28°49.61'	95°10.71'	62	3.0/234°		
3:45	9	28°49.13'	95°11.61'	62	3.0/234°		EOL frbh96-1
3:53	1	28°48.81'	95°12.12'	62	3.0/226°		
4:00	2	28°48.57'	95°12.51'	65	4.3/225°		SOL frbh96-2
4:15	3	28°48.21'	95°13.31'	65	4.0/226°		
4:30	4	28°47.41'	95°14.11'	66	5.0/226°		
4:45	5	28°46.81'	95°14.91'	60	4.0/226°		
5:00	6	28°45.81'	95°15.81'	60	4.0/225°		
5:15	7	28°45.61'	95°16.61'	59	4.0/226°		
5:30	8	28°45.04'	95°17.51'	59	4.5/225°		
5:46	9	28°44.41'	95°18.31'	56	4.0/226°		
5:56:00	10	28°43.81'	95°19.31'	54	4.0/225°		
6:15	11	28°43.21'	95°20.01'	54	4.0/226°		
6:30	12	28°42.51'	95°20.91'		4.5/217°		

Line name: <u>frbh 96-2</u>	Energy: <u> </u> J/PSI	Tape #: <u>4</u>
Descr: <u>Freeport</u>	Firing Rate: <u>25</u>	Filter: <u> </u>
Date: <u>7/12/96</u>	Geophones: <u> </u>	Source: <u>Chirp ci</u>

Time	SP/Fix	LAT.	LONG.	WD	Ship spd/dir	Nav. system	Notes
6:45	13 13	28°42.0'	95°21.7'	56	3.1/225°		
7:00	14	28°41.4'	95°22.6'	56	3.3/229°		
7:15	15	28°40.8'	95°23.4'	55	4.0/228°		
7:30	16	28°40.2'	95°24.3'	57	4.0 -		EOL frbh 96-2
7:34	1	28°39.9'	95°24.4'	58	4.5/218.6°		
7:45	2	28°39.4'	95°25.1'	58	4.0/218.0°		SOL frbh 96-3
8:00	3	28°39.7'	95°25.8'	56	4.3/218.0°		No end of file computes track
8:20	1	28°38.7'	95°25.9'	56	3.8/222°		
8:30	2	28°38.13'	95°26.5'	58	4.0/209°		SOL frbh 96-3b
8:45	3	28°37.43'	95°27.2'	59	4.4/212°		
9:00	4	28°36.7'	95°28.1'	60	5.0/236°		
9:15	5	28°36.0	95°28.8'		3.7/203°		
9:21	6	28°35.6	95°29.2'	61	-		
9:24	1	28°35.7	95°29.2'	60	4.5/86°		EOL frbh 96-3b
9:30	2	28°35.66	95°28.5'	60	5.0/84°		SOL frbh 96-4
9:45	3	28°35.8	95°27.1'	67	6.0/79°		5 fast seas - poor data quality
10:00	4	28°36.03	95°25.8'	74	5.0/66°		
10:07	5	28°36.2	95°25.3'	76	5.0 -		EOL frbh 96-4
10:11	1	28°36.2	95°25.3'	76	4.25/318°		
10:17	2	28°36.5	95°25.5'		4.2/335°		SOL frbh 96-5
10:30	3	28°37.17	95°26.2'	56	3.5/314°		
10:45	4	28°37.9	95°26.9'	58	4.7/306°		
11:00	5	28°38.8	95°27.6'	60	4.3/324°		
11:15	6	28°39.8	95°28.3'	60	4.0/315°		
11:30	7	28°40.5'	95°29.0'	49	4.0/320°		
11:45	8	28°41.49'	95°29.74'	52	4.7/317°		
12:00	9	28°42.28'	95°30.42'	49	4.3/320		EOL frbh 96-5
12:05	1	28°42.25'	95°30.62'	50	3.7/256°		
12:15	2	28°41.98'	95°31.38'	49	3.5/261°		SOL frbh 96-6
12:30	3	28°41.50'	95°32.47'	49	3.1/252°		
12:45	4	28°41.04'	95°33.49'	48	3.8/229°		
13:00	5	28°40.57'	95°34.52'	48	4.5/237°		EOL frbh 96-6

Line name: <u>frbh 96-7</u>	Energy: <u>J/PSI</u>	Tape #: <u>6</u>
Descr: <u>Freeport</u>	Firing Rate: <u>.25</u>	Filter: <u></u>
Date: <u>7/12/96</u>	Geophones: <u></u>	Source: <u>chirp ci</u>

Time	SP/Fix	LAT.	LONG.	WD	Ship spd/dir	Nav. system	Notes
13:12	1	28°40.53'	95°34.62'	48	4.6/144°		SOL frbh 96-7
13:30	2	28°39.34'	95°33.82'	44	4.8/150°		
13:45	3	28°38.38'	95°33.18'	48	4.4/152°		
14:00	4	28°37.48'	95°32.52'	58	4.7/150°		
14:14	5	28°36.57'	95°31.72'	61	4.0/169°		EOL frbh 96-7
14:26	1	28°36.71'	95°32.09'	61	4.3/318°		SOL frbh 96-8
14:45	2	28°37.31'	95°33.45'	55	4.8/288°		
15:00	3	28°37.7'	95°34.6'	49	4.0/285°		
15:09	4	28°37.7'	95°34.9'	49	3.7/-		EOL frbh 96-8
15:05	1	28°37.8'	95°34.8'	48	5.0/57°		SOL frbh 96-9 seas 1-2 feet
15:15	2	28°38.20'	95°34.08'	48	4.7/58°		
15:30	3	28°38.78'	95°32.78'	47	4.1/78°		
15:45	4	28°39.28'	95°31.72'	47	4.4/66°		
16:00	5	28°39.87'	95°30.52'	46	4.7/58°		
16:15	6	28°40.45'	95°29.35'	48	4.8/57°		
16:30	7	28°40.93'	95°28.18'	55	5.1/60°		
16:34	8	28°41.11'	95°27.87'	55	4.9/56°		EOL frbh 96-9
16:35	1	28°41.19'	95°27.71'	56	4.0/54°		SOL frbh 96-10
16:45	2	28°41.6'	95°27.2'	56	5.7/44°		
17:00	3	28°42.43'	95°26.16'	56	4.8/65°		
17:15	4	28°43.11'	95°25.06'	55	4.1/38°		
17:30	5	28°43.87'	95°24.09'	55	4.4/52°		
17:45	6	28°44.60'	95°23.14'	54	4.6/49°		EOL frbh 96-10
17:52	1	28°44.73'	95°22.95'	54	4.8/53°	New tape #7	SOL frbh 96-11
18:00	2	28°44.00'	95°22.47'	54	4.9/62°		
18:15	3	28°45.65'	95°21.31'	55	5.0/54°		
18:30	4	28°46.3'	95°20.18'	56	4.5/52°		
18:45	5	28°46.9'	95°19.14'	54	4.5/52°		
19:00	6	28°47.60'	95°17.92'	54	4.7/57°		
19:15	7	28°48.3'	95°16.8'	59	5.6/51°		
19:35	8	28°49.1'	95°15.4'	59	4.7/51.2°		
19:45	9	28°49.5'	95°14.6'	59	4.7/51.5°		
19:53	10	28°49.9'	95°13.9'	59	4.7/-		EOL frbh 96-11

Line name: <u>frbh 96-12</u>	Energy: <u>J/PSI</u>	Tape #: <u>7</u>
Descr: <u>Freeport</u>	Firing Rate: <u>.25</u>	Filter: <u></u>
Date: <u>7/12/96</u>	Geophones: <u></u>	Source: <u>Chirpoi</u>

Time	SP/Fix	LAT.	LONG.	WD	Ship spd/dir	Nav. system	Notes
20:52	1	28° 48.57'	95° 17.76'	56	3.7/148°		
21:00	2	28° 48.19'	95° 17.48'	59	4.0/137°		SOL frbh 96-12
21:15	3	28° 47.41'	95° 16.79'	60	4.2/156°		
21:30	4	28° 46.43'	95° 16.09'	55	4.4/145°		
21:45	5	28° 45.65'	95° 15.56'	61	4.0/148°		
22:00	6	28° 44.70'	95° 14.80'	65	4.4/138°		
22:15	7	28° 43.98'	95° 14.28°	67	4.0/135°		
22:30	8	28° 43.21	95° 13.68	72	3.4/133°		EOL frbh 96-12
22:32	1	28° 43.09'	95° 13.83'	73	4.1/225°		
22:45	2	28° 42.72	95° 14.55'	73	3.9/245°		
23:00	34	28° 42.05'	95° 15.64'	70	3.5/243°		SOL frbh 96-13
23:15	5	28° 41.52'	95° 16.54'	72	3.7/233°		
23:30	6	28° 40.98'	95° 17.47'	72	3.4/240°		
23:45	7	28° 40.44'	95° 18.33'	72	3.7/239°		EOL frbh 96-13
23:47	1	28° 40.57'	95° 18.48'	73	5.0/348°		
24:00	2	28° 41.51	95° 19.00'	71	5.2/330°		SOL frbh 96-14
15	3	28° 42.57'	95° 19.81'	60	5.1/327°		
30	4	28° 43.61'	95° 20.48'	54	5.3/327°		
45	5	28° 44.43	95° 21.20'	62	4.2/310°		
18:00	6	28° 45.46'	95° 21.76'	55	4.0/325°		
18:05	7	28° 45.77	95° 21.97	54	4.7/331°		EOL frbh 96-14
18:10	1	28° 46.17	95° 22.11'	53	3.5/5°	tape #8	SOL frbh 96-15
18:30	2	28° 47.54	95° 22.30'	46	3.8/352°		
18:45	3	28° 48.59'	95° 22.57'	37	4.4/351°		
20:00	4	28° 49.20'	95° 22.84	31	4.3/345°		
2:15	5	28° 50.59'	95° 23.04'	24	4.8/338°		
2:25	6	28° 51.35'	95° 23.20'	16	1.5/335°		EOL frbh 96-15
4:35	1	28° 45.9'	95° 17.1'	68	4.0/156°		
4:45	2	28° 46.3'	95° 12.4'	68	4.2/316°		SOL frbh 96-16
5:00	3	28° 47.1'	95° 13.0'	62	4.5/318°		
5:15	4	28° 47.9'	95° 13.8'	62	4.7/318°		
5:30	5	28° 48.7'	95° 14.5'	62	4.6/319°		
5:45	6	28° 49.7'	95° 15.2'		5.9/319°		

