

Chirper Data – Delta
09/07/96

John Anderson's (Rice U.) Gulf of Mexico project.
From RIO '95, '96 binder

Lines: D1A

D2A

D3A

D4A

D4B

D4C

D5A

D6A

D7A

D7B

D8A

D9A

Starting date: 1996-09-07

Starting latitude, longitude: 26° 36.01' -97° 13.63'

Ending date: 1996-09-08 (local)

Ending latitude, longitude: 26° 46.451' -97° 13.12'

Line name: 01Descr: Chirper Data - deltaDate: 09/07/96Energy: J/PSIFiring Rate: 0.25 sGeophones: Tape #: Filter: Source: ci

wind from east

5' seab-15mph winds

shrimps from notes w/

long

fish ~3-4 m down

boat 2a

0.25s

ping rate

p. 13

Time	SP/Fix	LAT.	LONG.	WD(m)	Ship spd/dir	Nav. system	Notes
Parmu 10ms	TVG3	interval, 52	no display	display	threshold	0 chan 1	
1220	01	26° 36.01	97° 13.63	16	3.1/314°	@ WP1 DIA	power went down. twice as we
1230	02	26° 36.77	97° 13.81	16	4.5/342°		we starting the chirper - DI is bad
1245	03	26° 37.98	97° 14.24	16	6.0/341°		DIA is first good piece
1259	04	26° 39.175	97° 14.618	16	4.8/335°	up ~ 6 kts	pretty choppy weather - fast
						slowing to 5 kts	Speed increased to 5 kts
1301	Rolling	Rolling					3 kts 1250/15m 1253 big roll
1315	05	26° 40.14	97° 14.990	16m	3.8/335°		1256 big roll
1330	06	26° 41.59	97° 15.346	16m	4.9/343°		GPC frame - no boat; strange it's delayed
1342 - 1345	5	BAD ROLL	LS				bad rolling
1345	07	26° 42.778	97° 15.689	17m	5.2/343°	BAD ROLLS	gain peaked out ΔTVG start to 17m
1400	08	26° 43.983	97° 16.058	17m	4.7/355°	" "	1547 EPC making strange double click
1415	09	26° 45.138	97° 16.158	17m	5.51/330°	" "	2 2mm from WP2
1426	10	26° 46.066	97° 16.832	17m	5.5/341°	@ WP2	213 bad roll valley 4min wide (~600m)
1430	01	26° 46.083	97° 16.576	17m	3.8/072°	CRASH	col DIA sol 2A & yeah!!
1445	02	26° 46.062	97° 15.473	19m	4.0/070°		
1458	03	26° 46.054	97° 14.455	19m	4.5/071°	@ WP3	1454 bad rolls
1517	04	26° 46.461	97° 13.098	22m	4.9/067°	@ WP4	heat ch
1530	05	26° 46.770	97° 12.083	24m	5.3/055°	to WP13	to WP4 1507 Δ the TVG to 20m - need
1545	06/207	26° 47.139	97° 10.943	27m	5.0/054°		Δ TVG to 22m 1509 Δ TVG to 21m / track H.O
1551							Δ TVG to 23 1524 Δ TVG to 24 @ 1529
1601	00	26° 47.456	97° 9.951	28m	3.3/70°		Δ TVG to 25 1534 1542 Δ TVG gain 3.52
1615	01	26° 47.731	97° 08.996	29m	4.7/057°	SOL 12B	display to 19ms for 0 1543 Δ TVG gain to 4.00
1622	02	26° 47.910	97° 08.362	29m		to wp 1?	CRASH 6 bit
1628	00	26° 47.74	97° 08.22	30m	3.9/177°		27ms start
1645	01	26° 46.80	97° 07.85	30m	4.1/165°	missing some of beginning of line	52ms stop
1700	02	26° 45.888	97° 07.532	30m	4.7/135°	1703 BAD ROLLS	TVG 4.00
1715	03	26° 44.922	97° 07.095	30m	4.4/148°	to wp 12	27-6cms cool depth 25m
1728	04	26° 44.126	97° 06.821				reflectors!! display threshold
1734	00	26° 44.043	97° 07.250	30m		col D3A @ wp12	non-linear .25dB
1750	01	26° 43.71	97° 08.45	28m	4.8/250°	col D4A to wp11	CRASH!!
1751	02	26° 43.609	97° 08.80	27m	2.6/210°		Start tape 3! 24-73ms
1755	00	26° 43.558	097° 08.846	27m		col D4A	
1800	01	26° 43.539	097° 09.244	25m	4.3/267°	col D4B	lost the TVG window re-start
1815	02	26° 43.224	097° 10.431		3.4/257°	to wp11	0812 Δ TVG → 23m
1823	00	26° 43.219	097° 10.253	23m	2.9/268°	col D4C	crash! col D4C
							D4B?

Line name: <u>D4C, D5A</u>		Energy: <u>J/PSI</u>		Tape #: <u> </u>			
Descr: <u>Churper</u>		Firing Rate: <u>0.25s</u>		Filter: <u> </u>			
Date: <u>09/07/96</u>		Geophones: <u> </u>		Source: <u> </u> ci			
Time	SP/Fix	LAT.	LONG.	WD	Ship spd/dir	Nav. system	Notes
1830	01 ^{not}	26° 43.050'	097° 11.482	21 m	5.2 / 241°	to wp 11	cont. <u>D4C</u>
1845	02 ^{on R}	26° 42.666'	097° 12.76	16m	3.42 / 248°	to wp 11	
1900	03	26° 42.335	097° 14.03	—	3.5 / 260°	" "	
1906		26° 42.168	097° 14.571	—	—	—	
1915	04	26° 42.010'	097° 15.281	16m	4.8 / 225°	—	1906 <u>excellent!!</u> channel
1925		26° 41.758	097° 16.207	—	4.2 / 250°	—	
1930	05	26° 41.72	097° 16.58	15m	4.2 / 250°	—	excellent <u>another</u> channel
1945	06	26° 41.419'	097° 17.835	—	4.5 / 243°	" "	
2000 1947	07	26° 41.370	097° 17.976	10m	turning	@ wp 11	
1948	00	26° 41.240	097° 18.033	10m	4.8 / 160°	to wp 10	<u>EOL D4C</u>
2007	01	26° 40.430	097° 17.820	10m	3.2 / 167°	" "	<u>SOL D5A</u>
2015	02	26° 39.568	097° 17.571	10m	3.7 / 163°	—	
2033	03	26° 38.398	097° 17.295	9m	—	@ wp 10	<u>EOL D5A</u>
2034	00	26° 38.1380	097° 17.214	10m	4.3 / 61°	to wp 9	<u>SOL D6A</u>
2045	01	26° 38.660	097° 16.484	15m	4.3 / 51°	—	
2100	02	26° 39.001	097° 15.586	13m	3.9 / 078°	—	changed paper: slowed down for 5 minutes
2115	03	26° 39.395	097° 14.444	16m	4.1 / 057°	—	
2130	04	26° 39.714	097° 13.335	17m	7.7 / 058°	V	
2145	05	26° 40.087	097° 12.148	19m	3.9 / 076°	—	
2153	06	26° 40.243	097° 11.446	19m	4.9 / 054°	@ wp 9 to wp 8	
2215	07	26° 40.642	097° 09.985	22m	4.6 / 041°	" "	2157 beautiful channel
2230	08	26° 40.952	097° 08.649	25m	4.5 / 055°	—	
2245	09	26° 41.256	097° 07.444	28m	4.5 / 071°	—	
2300	10	26° 41.546	097° 06.288	31m	3.8 / 091°	—	
2315	11	26° 41.858	097° 05.082	33m	4.2 / 068°	—	
2330	12	26° 42.214	097° 03.555	34m	turning	<u>EOL D6A</u>	
2339	00	26° 42.119	097° 03.449	34m	2.9 / 155°	@ WP 8	
2357 ish	00	26° 42.287	097° 03.415	34m	3.4 / 144°	<u>SOL D7A</u>	
0015	01	26° 41.189	097° 03.291	34m	4.2 / 188°	<u>SOL D7B</u>	system crashed @ 2344:00
0030	02	26° 40.176'	097° 03.177	33m	3.5 / 184.3°	to wp 7	reinde back to wp 8
0048	03	26° 36.914'	097° 03.109'	—	—	" "	neat features
0049	00	26° 38.852'	097° 03.299'	34m	5.3 / 267°	<u>EOL D7B</u>	0019 neat channel
0108	01	26° 38.521'	097° 04.897'	31m	5.3 / 258°	@ wp 7	
0115	02	26° 38.472'	097° 05.382'	31m	5.6 / 249°	to wp 6	
0130	03	26° 38.121'	097° 06.702'	27m	3.8 / 202°	" "	moving off line to avoid shrimp boat
0145	04	26° 37.774	097° 07.828	23 ish	4.3 / 258°	" "	
							<u>neat valley</u> (0140) 0149 again!! cool

