

Caranchua - 1
RECORD

MISS SOUND

7530-00-222-3525
FEDERAL SUPPLY SERVICE

(GPO)

Caranchana - Gruise 1

7/1/81

Captain -	Neal	Lillard	
Scientific Crew -	Ron	Miller	USGS
	Jack	Kindinger	USGS
	Bob	Woodsey	MMRI
	Dan	Cooper	MMRI

Comments

SOL 1 CUS 150°

C/CUS 210°

" 220°

" 260°

" 210°

" 220°

" 260°

" 240

" 220

STOPPED TO AVOID SHRIMP

" 180°

Time/Date		Loran C		Line No.	
		Station W	Station Y	Shot point	
JD 182	1405Z	47093.2	12107.4	SOL 1	1
	1410Z	47092.0	12108.9		2
	1415Z	47090.9	12111.1		3
	1420	47089.6	12113.2		4
	25	87.9	15.6		5
	30	86.7	17.3		6
	35	85.3	19.4		7
	40	84.1	22.4		8
	45	82.9	25.2		9
	50	81.6	27.9		10
	55	80.6	30.8		11
	1500Z	47079.7	12133.1		12
	05	78.6	36.2		13
	10	77.6	39.5		14
	15	76.7	42.3		15
	20	75.5	41.1		16
	25	74.4	38.3		17
	30	73.3	36.1		18
	35	73.2	31.8		19
	40	73.1	27.6		20
	45	71.9	25.1		21
	50	70.4	22.8		22
	55	69.6	20.2		23
	1600Z	68.4	17.9		24
	05	68.2	13.4		25
	08	67.9	12.0		26
	11	67.3	09.9		27
	15	66.4	07.9		28

COMMENTS

CH / CRSE 225°
Low fHe

CH / CRS 315° END LINE 1
' START LINE 2

" 045°

"

" 020°

" 270°

" 315°

" 280°

STOPPED TO RERIG

CAUGHT TRASH IN TRANSDUCER

" EOL 2 SOL 3 CH / CRS TO 0.0°

MISSED SP 54

LORAN C

TIME / DATE	STATION W	STATION Y	LINE NO. SHOT POINT
			(CONT. 1)
JD 182 1620 Z	47064.9	12108.2	29 29
1625 Z	63.5	04.2	30
30	62.6	01.9	31
35	61.3	12098.6	32
40	60.3	94.5	33
45	59.5	90.8	EOL 1 34
50	60.2	87.2	SOL 2 35
55	61.5	83.6	36
1700 Z	62.8	86.5	37
05	63.9	90.1	38
10	64.8	93.7	39
15	66.4	96.0	40
20	67.7	97.7	41
25	67.8	93.3	42
30	67.8	88.6	43
35	68.9	85.3	44
40	69.2	80.7	45
45	69.5	76.0	46
50	69.9	71.3	47
55	70.4	66.6	48
1800 Z	70.6	61.8	49
05	70.9	57.1	50
10	71.0	52.2	51
15	71.2	47.2	EOL 2 52
25	71.7	45.5	SOL 3 53
			54
35	74.2	48.5	55

COMMENTS

TIME/

JD 182

CH/CRSE TO 090°

CH/CRSE TO 135°

CIRCLE FOR SHRIMP

" " TO 045° POOR RESPONSE
MOVING AWAY FROM ISLAND

" " TO 090°

CH/CRSE TO EDGE AROUND SHOAL
↓ SLOWED TO 3km

CH/CRSE TO 180° 4.5 km

CH/CRSE TO 090°

" " TO 045°

TIME/DATE	STATION W	STATION Y	LINE NO.
			SHOT POINT
JD 182 1840 Z	470 75.7	120 48.8	L-3 56
45	77.2	49.6	57
50	78.6	50.4	58
55	78.7	56.6	59
1900 Z	78.8	60.8	60
06	77.9	66.1	61
10	77.4	67.7	62
15	76.4	72.3	63
20	MISSED	—	64
25	78.1	80.2	65
30	78.1	85.4	66
35	MISSED		67
40	78.3	96.3	68
45	78.4	121 01.8	69
50	78.4	107.0	70
55	78.5	112.5	71
2000	78.5	118.2	72
05	78.6	122.8	73
10	78.5	125.9	74
15	78.5	130.1	75
20	77.0	131.3	76
25	75.4	131.7	77
30	MISSED	—	78
35	72.1	132.7	79
40	70.5	133.3	80
45	68.8	133.9	81
50	MISSED	—	82
55	65.9	135.2	83
2100	65.2	139.1	84

COMMENTS

CONTINUED POOR RESPONSE

TIN
JO 18

Black Booy "33" ^W72.2 ^A73.4

c/c 315°

EOL - EOD

TIME/DATE	STATION W	STATION Y	LINE NO SHOT PT
JO 182 2105 Z	47066.0	12143.4	L3 85
10	66.8	46.9	86
15	Micsecl		missed 87
20	68.3	155.4	88
25	68.9	159.0	89
30	69.6	62.4	90
35	70.2	65.8	91
40	70.8	168.8	92
45	71.5	71.7	93
50	72.5	74.2	94
55	73.4	76.6	95
2200 Z	74.3	72.9	EOL 3 96

CARANCHANA

7 / 2 / 81

COMMENTS

DATE/

HEAVY RAIN

July 2, 1981

(D)

193

Boomer Down

LORAN C

	DATE/TIME	STATION W	STATION Y	LINE SHOT POINT
1 (D)	183/1650	12171.3	47068.5	SOL 4/97
	1855	12175.0	47068.1	98
~	1658	78.3	67.5	—
	1700	78.3	67.5	99
	1705	81.9	67.0	SOL 5/100
	1710	85.0	67.6	101
	1715	89.6	68.0	102
	1720	121 93.5	470 68.5	103
		97.2	69.1	104
		1220 1.5	69.3	105
	35	5.8	69.6	106
	40	10.2	70.2	107
	45	13.7	70.8	108
	50	17.5	71.4	109
	55	21.5	72.3	110
	1800	25.5	73.2	111
	05	31.0	73.9	112
	10	34.2	74.4	113
	15		missed	114
	20	42.4	76.0	115
	25	46.8	76.6	116
	30	51.2	77.0	117
	35	55.7	77.3	118
	40	59.9	77.4	119
	45	63.2	77.4	120
	50			
	55	68.6	78.6	122
	1900	69.4	79.6	123
	05	70.2	80.8	124

Comments

Belt & paper change

SOL 6

SOL 7

Box W-12296.0 Y: 47073.2
TURN CH/CRSE 310

LITTLE DOG KEYS PASS

Loran C

Date/Time	Station W	Station Y	Line Shot Point
183 JD 1910Z	122 70.1	470 82.3	Line 5/125
1915	122 70.5	470 83.7	126
1917	—	—	—
1925	73.8	86.0	SOL 128
1930E	78.7	86.2	Line 6 129
35	82.7	86.1	130
40	87.5	85.9	131
45	92.1	85.7	132
50	97.7	85.6	133
55		missed	134
2000	1230 7.5	85.7	SOL 7 135
05	05.8	83.8	136
10	04.0	82.0	137
15	02.1	80.1	138
20	MISSED		139
25	12298.3	76.2	140
30	97.5	74.5	141
35	94.1	73.5	142
40	91.1	74.2	143
45	87.1	75.1	144
50	83.1	75.9	145
55	79.3	76.6	146
2100	74.5	77.4	147
05	71.6	77.3	148
10	69.2	78.0	149
15	69.4	78.9	150
20	70.2	79.5	151
25	68.3	80.3	152
30	65.7	80.9	153

COMMENTS

Against Current through pass

BOOMER DOWN

EOL

BOOMER DOWN

EOD 183

START FROM Bay

Too Rough - Bad Record

TAPE REORDER OFF

BOOMER UPSIDE DOWN

SLOW TO CHECK BOOMER - STOP TO REARRANGE BOOMER

STILL NO TAPE

DATE/TIME

STATION W

STATION Y

LINE NO
SHOT POINT

183 JD 2135 Z

12203.8

47082.1

154

40

62.0

83.3

EOL 7 155

184 JD 1626 Z

12296.1

47072.9

SOL 8 156

1630

98.9

72.3

157

1635

MISSED

158

40

300.3

74.9

159

45

300.1

76.6

160

50

300.3

78.2

161

55

300.5

79.2

162

1700

302.4

080.2

163

05

304.6

080.6

164

10

308.1

081.0

165

15

312.3

81.9

166

20

316.8

82.7

167

168

20

327.2

84.7

169

35

331.5

85.2

170

40

335.6

85.4

171

45

341.6

85.6

172

50

346.1

85.7

173

55

351.6

85.5

174

1800

357.0

85.5

175

05

362.3

85.3

176

10

365.6

85.6

177

15

371.2

85.5

178

CH/CRSE TO 105°

MANUEVER AROUND TUG

CH/CRSE TO 90°

DATE/TIME	STA W	STA Y	LINE # SH PT.
184JD			
18:20 Z	12374.3	47084.1	LINE #8 / 179
25	375.0	0825	180
30	375.7	81.0	181
33	376.2	79.2	182
40	382.4	79.8	183
45	86.8	79.7	184
50	91.6	80.0	185
55	96.8	80.0	186
1900 Z	12402.1	47080.0	187
05	07.5	79.8	188
10	12.9	79.8	189
15	18.7	79.8	190
20	24.6	79.8	191
25	30.0	79.9	192
30	35.7	79.6	193
35	42.6	79.3	194
40	48.5	79.0	195
45	54.6	78.6	196
50	59.5	78.2	197
55	64.2	77.7	198
2000	69.1	78.0	199
05	75.3	77.9	200
10	78.9	77.8	201
TIME 5:10	80.7	77.7	202
15	85.1	77.7	203
20	89.8	77.6	204
25	94.4	77.6	205
30	99.2	77.6	206

END OF LINE 8 EOD

CROSSED MOBILE CHANNEL SEAWARD OF MARKERS SAND 6

Switching to watch time
time clock not keeping good time

DATE

184

20

20

21

21

JD 18

DATE/TIME	STATION W	STATION Y	LINE NUMBER SHOT POINT
184 JD			
2035	12504.5	47077.6	LINE 8 / 207
2040	9.7	77.4	208
45	15.2	77.8	209
50	20.2	77.9	210
55	25.9	77.8	211
2100	31.2	77.7	212
2105	36.7	77.8	EOL 8 / 213
JD 185 1245Z	12748.7	47066.8	SOL 9 / 214
1250	45.7	67.9	215
55	42.4	68.7	216
1300	39.3	69.7	217
1306	36.1	70.6	218
1310	33.4	71.2	219
1315	30.1	72.0	220
1320	26.8	72.8	221
1325	23.3	73.6	222
1330	20.1	74.4	223
35	16.5	75.1	224
40	13.1	75.9	225
45	12.1	77.3	226
50	10.0	78.8	27
55	09.1	80.4	28
1400	06.6	81.7	29
05	03.6	82.8	30
10	00.6	84.1	31

COURSE CHANGE TO DUE WEST

≈ 3/8th mile offshore

21' WATER DEPTH

.35 miles offshore

"

"

"

21' DEPTH

"

10° change Hdg 260° 1504

250° 1509

Hdg 240° 1528

1230°

220°

EO / 10

SO / 10

CH / CRSE DUE NORTH

DATE/TIME	STA W	STA Y	LINE # SN. PT.
JD 185 / 1415	12697.5	47085.3	LINE #9/232
20	93.2	85.5	233
25	88.5	05.6 ?BAD	234
30	83.8	25.2 ?BAD	235
35	79.4	—	236
40	76.0		237
45	71.1		238
50	67.0		239
55	12662.3 <u>Good</u>	47084.4 <u>Good</u>	240
1500	57.7	84.4	241
05	53.0	84.3	242
10	48.0	83.9	243
15	44.1	83.3	244
20	39.8	82.6	245
25	35.3	82.0	246
30	31.1	81.3	247
35	26.8	80.5	248
40	22.2	80.0	EOL 9 / 249
45	18.7	78.8	250
50	15.7	77.4	251
55	12.8	76.0	252
1600	12610.0	47074.5	253
05	06.7	73.2	254
11	03.5	71.5	255
15	01.0	70.4	256
20	12598.3	69.1	257
25	95.5	68.0	258
30	92.4	66.7	259
35	89.8	65.6	11 / 260

C14 / CRSE 340°

STOPPED TO REARRANGE BOOMER

RESTART LINE

Marker 4

EOL 11 SOL 12

Hdg 220

Slowed to change towlines

EOL 12 SOL 13

Hdg 0°

SlowDown for shallow water

DATE/TIME	STA W	STA Y	LINE SIT. PT.
JD 185 / 1640 Z	12590.1	47067.3	10 / 261
45	91.0	68.9	262
50	90.3	70.5	263
55	89.2	72.2	264
1700 Z	MISSED		
1713	88.8	72.4	265
1715	88.3	73.2	266
20	87.2	74.6	267
25	85.9	76.1	268
30	84.3	77.5	269
32	83.4	78.3	270
35	NO	NO	271
40	12580.0	47079.9	272
45	77.0	81.2	EOL 11 / SOL 12 273
50	missed		274
55	71.1	79.0	275
1800 Z	68.9	77.7	276
05	66.9	76.2	277
10	64.7	74.8	278
15			279
20	59.8	72.1	280
25	57.3	70.7	281
30	55.2	69.3	282
35	53.1	67.9	283
40	49.9	66.9	284
45	44.9	66.7	EOL 12 285
50	44.4	67.8	SOL 13 286
55	45.3	69.7	287
1900 Z	46.2	71.3	288
05	46.3	72.8	289

chay belt

FOR 13 - SOL 14

RE SYNC. EPC OFF X 3 MIN

DATE/TIME

STA W

STA Y

LINE/SP

19 102

125 47.1

470 74.0

13/ 290

15

48.4

74.9

291

20

Missed

292

25

43.3

76.6

293

30

39.0

76.9

294

35

35.3

77.4

EOL 13
SOL 14 / 295

40

39.6

78.2

296

45

45.7

78.7

297

50

50.0

79.1

298

55

55.5

79.5

299

2000

60.7

80.0

300

05

Missed

301

10

71.5

80.9

302

15

77.0

81.2

303

20

Missed

304

25

87.0

82.1

305

30

91.6

82.7

306

35

96.5

83.3

307

40

Missed

308

45

126 07.4

84.6

309

50

611.6

85.0

310

55

16.8

85.5

311

2100

22.7

86.2

312

05

27.3

86.6

313

10

32.6

87.3

314

15

37.8

87.6

315

20

43.3

88.2

316

25

48.1

88.7

317

30

53.4

89.3

318

DATE

JD 185

Open Water Too Rough winds: sw 10kn Choppay

TURN

EOL 15

SOL 16

DATE / TIME	STA W	STA Y	LINE / STA PT.
JD 185 / 21 35	12658.3	47089.8	14 / 319
40	63.8	89.9	320
45	69.1	90.0	321
50	74.6	90.6	322
55			323
2200	85.2	92.0	324
05	89.6	92.9	EOL 325
EOD			

/

/

/

/

JD 186

SOL
LINE 15

1440 Z

12575.1

47091.6

326

45

73.3

93.4

327

50

72.0

94.6

328

55

69.9

96.1

329

1500

67.9

97.6

330

05

65.2

99.3

331

10

63.3

100.3

EOL 15 332

15

59.1

100.4

SOL 16 333

20

12553.5

47100.1

334

25

50.0

99.7

335

30

45.9

99.2

336

35

41.9

98.5

337

40

No

No

338

45

33.6

97.6

339

50

29.3

97.2

340

55

24.8

96.8

341

DATE

July 5, 1981 18

FOK 16 SOL 17

Hdg 280

Hdg 250 going around shoals

290° Hdg change

CH/CASE 260°

CH/course 250°

DATE/TIME	STAN	STAN	LINE/SP
5, 1981	12520.4	470 96.3	16/342
05	16.0	95.7	343
10	11.7	95.3	344
15	12.4 06.6	94.7	345
20	03.3	94.6	346
25	99.1	94.4	347
30	95.0	94.8	348
35	90.6	95.3	349
40	86.1	95.8	350
45	81.4	95.9	351
50	76.6	95.8	352
55	miss		353
1700	67.8	94.9	354
05	63.6	94.2	355
10	59.1	94.8	356
15	54.2	95.5	357
20	50.4	96.1	358
25	46.0	96.0	359
30	41.4	95.5	360
35	36.9	96.0	361
40	31.5	96.5	362
45	27.6	96.9	363
50	22.9	97.5	364
55	17.5	98.0	365
1800	13.5	98.4	366
05	08.8	98.7	367
10	03.8	99.0	368
15	99.3	98.9	369
20	95.1	98.5	370

PAGE

186 /

STILL CHOPPY

BEACON 12321.3, 47089.0

STA "Y" DOWN

DATE / TIME	STA W	STA V	LIVE / SH. PT.
186 / 1825	123 90.7	470 97.8	17 / 371
30	86.6	97.2	372
35	82.2	96.5	373
40	77.0	95.9	374
45	73.2	95.4	375
50	68.3	94.9	376
55	63.8	94.2	377
1900	MISSED		378
05	53.7	93.0	379
10	49.5	92.4	380
15	44.8	91.7	381
20	40.6	91.2	382
25	36.2	90.6	383
30	31.6	90.1	384
35	27.2	89.6	385
40	22.4	89.1	386
45	17.9	88.4	387
50	14.5	87.8	388
55	10.0	87.1	389
1000	06.2	86.5	390
05	01.8	85.9	391
10	122 97.2	85.4	392
15	92.2	85.1	393
20	88.0	84.7	394
25	83.6	84.7	395
30	79.4	84.0	396
35	75.7	—	397
40	70.6		398
45	66.4	2.5 miles from E. end of 15/6.	399

CH / CRSE 250°

EO / 17

DATE/TIME	STA W	STA Y	LINE/STH. RT.
186/2050	¹²² 62.4	⁴⁷⁰ 81.4 ~	17/ 400
55	58.0	80.9	401
2100	52.5	80.7	402
05	48.8	80.1	403
10	44.0	79.8	404
15	38.8	79.8	405
20	33.6	79.6	406
25	MISSEP		407
30	24.9	78.6	408
35	20.2	78.3	409
40	15.5	77.8	410
45	11.3	77.3	411
50	06.4	76.8	412
55	02.0	76.3	413
2200	12197.4	75.9	414
05	93.3	75.5	415
10	88.7	75.0	416
15	84.3	74.3	417
20	80.2	73.6	418
25	75.3	72.8	EOL 419
/	/	/	/