

SORTCOVER SHEET

CRUISE TG 23-2 LINE GT2-19 COURSE NE

	START	END	
DATE	<u>18 JAN 77</u>	<u>19 JAN 77</u>	
TIME	<u>2153</u>	<u>0445</u>	TOTAL TIME _____
LATITUDE	_____	_____	
LONGITUDE	_____	_____	
DISTANCE	<u>1450.37</u>	<u>1477.81</u>	TOTAL DIST <u>27.44</u>
SHOTPOINT	<u>5424</u>	<u>6449</u>	TOTAL SHOTS <u>1025</u>
REP RATE <u>24</u>	SP <u>5424</u>		SHOTIST <u>163</u>
REP RATE <u>24</u>	SP <u>6449</u>		

SHOT DIST 162.60 FOLD 24 DATA LENGTH 9

NEAR TRACE (ACTUAL) -660 FAR TRACE (ACTUAL) -7560 GAIN TRACE -360

TELM _____

VELSTK _____ INC _____

	INPUT REEL NUMBERS	MIN WATER DEPTH (SEC)	MAX WATER DEPTH (SEC)
1	<u>800289</u>	<u>1.8</u>	<u>2.0</u>
2	<u>290</u>	<u>2.0</u>	<u>2.2</u>
3	<u>291</u>	<u>2.2</u>	<u>3.1</u>
4	<u>800292</u>	<u>3.2</u>	<u>4.6</u>
5	_____	_____	_____
6	_____	_____	_____
7	_____	_____	_____
8	_____	_____	_____
9	_____	_____	_____
10	_____	_____	_____
11	_____	_____	_____

RASTER DATA

LINE GT2-19 LINE DIRECTION NE L TO R

TIME ANNOTATION INTERVAL 1 HOUR

PROJECT GULF TECTONICS 2

SHOT POINTS 5424 TO 6449

SHOT BY UT/MSI VESSEL R/V IDA GREEN

CRUISE IG-23 LEG 2

LINE GT2-19 DATE 18-19 JAN 1977

START TIME 2153 Z END TIME 0445 Z

START LAT 23° 44.4' LONG -86° 19.3'

STOP LAT 24° 00.5' LONG -85° 57.4'

SOURCE 4 BOLT AIRGUNS

PRESSURE 350-450 PSI SOURCE CAP. 6000 CU IN

SOURCE DEPTH 30 M OR ☒ FT CABLE DEPTH 50-70 M OR ☒ FT

CABLE 24 TRACE

CABLE LENGTH 7570 M OR ☒ FT GROUP INTVAL 300 M OR ☒ FT

NEAR TRACE 660 M OR FT FAR TRACE 7560 M OR FT

INSTRUMENT DFS 10000 GAIN MODE PGC

FILTERS

LOW OUT

HI OUT Hz SLOPE DB/OCT

DATA LENGTH 9 SEC SAMPLE RATE 4 MILLS

STACK 24 FOLD (NOMINAL) SHOT DIST 162.50 M OR FT

** M OR FT = METERS OR FEET

PROCESSING SEQUENCE (SEE EXAMPLE)

- 1) DEMULPLEX TO TEMPUS (16 BIT INTEGER) FORMAT
- 2) SORT / Scale
- 3) Velocity ANALYSIS
- 4) NORMAL MOVE OUT / STACK
- 5) FILTER / Mute / Scale
- 6) SECTION AT 5 DB
- 7) Film Horiz. Scale 7500 Feet/Inch

DISPLAY PARAMETERS

DISPLAY TYPE	<u>VA50</u>	(VA or VAW)
RASTER DIRECTION	<u>L TO R</u>	(L TOR OR RTOL)
HSCALE	<u>50</u>	TRACES/IN
TSCALE	<u>2.5</u>	IN/SEC
GAIN	<u>5</u>	DB
BOAT	<u>Feet</u>	(METERS or FEET)
CABLED	<u>50-70</u>	CABLE DEPTH (METERS OR FEET)
CABLEL	<u>7570</u>	CABLE LENGTH (METERS OR FEET)
NTRACE	<u>24</u>	# OF TRACES
SRCSTN	<u>10</u>	SOURCE TO STERN DISTANCE (METER OR FEET)
SORCED	<u>30</u>	SOURCE DEPTH IN METER OR FEET
TRCSRC	<u>660</u>	DISTANCE FROM SOURCE TO 1st TRACE (METER OR FEET)
STNANT	<u>80</u>	STERN TO ANTENNA DISTANCE (METERS OR FEET)
LOGO	<u>43</u>	

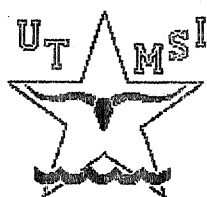
LINE GT2-19 GULF TECTONICS 2 CRUISE IG-23-2

DDIST= 150.00 SHDIST= 166.00 OFFSET= 26 DPXN=1158 CONST= 5424 TIME=2153 REP RATE=24

SHOT POINT	DPX
5424	26
5450	55
5500	111
5550	166
5600	221
5650	277
5700	332
5750	387
5800	443
5850	498
5900	553
5950	609
6000	664
6050	719
6100	775
6150	830
6200	885
6250	941
6300	996
6350	1051
6400	1107
6446	1158

GT2-19

TIME	SHOT POINT	DPX
2153	5424	26
22 0	5441	44
23 0	5591	210
0 0	5741	376
1 0	5891	542
2 0	6041	708
3 0	6191	874
4 0	6341	1040



TEMPUS

Geoscience Operations
Petty-Ray Geophysical Division



CATOCHE GRID-4

GT2-19

NMD/STK

1/31/78

g ches.

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1 GPAR LINE 19 MILLS 9000 RATE 4
2 COMM GULF TECTONICS 2 CRUISE 16-23-2 LINE GT2-19 PS D. BUFFLER
3 EDIT REEL 5009 RTYPE DPT
4 RECP 1/222
5 EDIT REEL 5010 RTYPE DPT
6 RECP 223/440
7 EDIT REEL 5011 RTYPE DPT
8 RECP 441/645
9 EDIT REEL 5012 RTYPE DPT
10 RECP 646/862
11 EDIT REEL 5013 RTYPE DPT
12 RECP 863/1074
13 EDIT REEL 1049 RTYPE DPT
14 RECP 1075/1158
15 PROC NMO
16 NMOP INTERP TIME PLOT
17 RECP 1
18 UTPR 5100/1830 5200/2160 5500/2260 6500/2540 8000/2800 09000/3300 14500/9000
19 RECP 20
20 UTPR 5100/1830 5200/2160 5500/2260 6500/2540 8000/2800 09000/3300 14500/9000
21 RECP 70
22 UTPR 4900/1840 5050/2200 5500/2300 6550/2560 7750/2780 9350/3290 14500/9000
23 RECP 120
24 UTPR 4900/1880 5000/2240 5550/2420 6550/2620 7150/2800 8500/3400 14500/9000
25 RECP 170
26 UTPR 4900/1930 5000/2240 5500/2460 5950/2550 6350/2660 7100/2800 9000/3649
27 UTPR 14500/9000
28 RECP 270
29 UTPR 4950/2000 5050/2360 6000/2600 6600/2800 9250/3400 14500/9000
30 RECP 320
31 UTPR 4950/2040 5100/2430 6600/2860 9000/3600 14500/9000
32 RECP 370
33 UTPR 4950/2080 5100/2440 6000/2700 8500/3300 14500/9000
34 RECP 420
35 UTPR 4950/2120 5000/2330 5300/2520 6450/2920 8500/3400 14500/9000
36 RECP 470
37 UTPR 4950/2130 5100/2500 6450/2920 7850/3300 9000/3800 14500/9000
38 RECP 520
39 UTPR 4950/2150 5050/2450 6050/2760 8150/3220 14500/9000
40 RECP 570
41 UTPR 4950/2180 5050/2500 5650/2730 8250/3600 14500/9000
42 RECP 620
43 UTPR 4950/2200 5150/2570 6450/2820 7550/3400 14500/9000
44 RECP 670
45 UTPR 4950/2240 5150/2580 6050/2840 7850/3440 9300/3900 14500/9000
46 RECP 720
47 UTPR 4900/2300 5050/2540 8000/3440 10500/4400 14500/9000
48 RECP 770
49 UTPR 4950/2360 5150/2620 7850/3450 9500/4200 14500/9000
50 RECP 820
51 UTPR 4950/2340 5100/2600 5450/2740 6500/3260 10000/5200 14500/9000
52 RECP 870
53 UTPR 5000/2510 11050/5340 14500/9000
54 RECP 920
55 UTPR 5000/3340 6500/4000 14500/9000
56 RECP 970
57 UTPR 5000/4580 5850/5300 9000/7140 14500/9000
58 RECP 1020
59 UTPR 5000/4590 5250/5160 6350/6180 14500/9000
60 RECP 1070
61 UTPR 4900/4600 5000/4950 5400/5560 8500/6600 14000/9000
62 RECP 1121
63 UTPR 5000/4600 5100/5280 5350/5560 6800/6000 8700/6560 14000/9000
64 PROC STACK
65 STKP PAD
66 END GO
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END OF LISTING

1 MARINE SCIENCE INSTITUTE
2 PROFILE AND ANNOTATION INFORMATION
3 2PRAY
4 CDP1, ITR, 1.50, 1.50, 1158
5 SPS, ITR, 25, 5424, 111, 5500, 221, 5600, 332, 5700, 443, 5800, 553, 5900, 664, 6000, 775, 6100
6 SPS, ITR, 885, 6200, 996, 6300, 1107, 6400, 1158, 6449
7 DIA, ITR, 1, NE
8 DIA, ITR, 44, '19JAN77 2200'
9 DIA, ITR, 210, '19JAN77 2300'
10 DIA, ITR, 376, '19JAN77 0000'
11 DIA, ITR, 542, '19JAN77 0100'
12 DIA, ITR, 708, '19JAN77 0200'
13 DIA, ITR, 874, '19JAN77 0300'
14 DIA, ITR, 1040, '19JAN77 0400'
15 AUF, ITR, 20, VEL-ANAL
16 AUF, ITR, 75, VEL-ANAL
17 AUF, ITR, 130, VEL-ANAL
18 AUF, ITR, 185, VEL-ANAL
19 AUF, ITR, 240, VEL-ANAL
20 AUF, ITR, 295, VEL-ANAL
21 AUF, ITR, 350, VEL-ANAL
22 AUF, ITR, 405, VEL-ANAL
23 AUF, ITR, 460, VEL-ANAL
24 AUF, ITR, 515, VEL-ANAL
25 AUF, ITR, 570, VEL-ANAL
26 AUF, ITR, 625, VEL-ANAL
27 AUF, ITR, 680, VEL-ANAL
28 AUF, ITR, 735, VEL-ANAL
29 AUF, ITR, 790, VEL-ANAL
30 AUF, ITR, 845, VEL-ANAL
31 AUF, ITR, 900, VEL-ANAL
32 AUF, ITR, 955, VEL-ANAL
33 AUF, ITR, 1010, VEL-ANAL
34 AUF, ITR, 1065, VEL-ANAL
35 AUF, ITR, 1120, VEL-ANAL
36 END

MAIN TITLE

36 CATOCHE GRID - 4

COMMENT CARDS

37 UNIVERSITY OF TEXAS
38 MARINE SCIENCE INSTITUTE
39 GULF TECTONICS 2
40 SHOT POINTS 5424 TO 6449

FIELD INFORMATION CARDS

41	SHOT BY	UT/MSI	VESSEL	R/V IDA GREEN
42	CRUISE	IG-23	LEG	2
43				
44	LINE	GT2-19	DATE	18-19 JAN 1977
45	START TIME	2153 Z	END TIME	0445 Z
46	START LAT	23 44.4	LONG	-86 19.3
47	STOP LAT	24 00.5	LONG	-85 57.4
48				
49	SOURCE	4 BOLT AIR GUNS		
50	PRESSURE	350-450 PSI	SOURCE CAP.	6000 CU IN
51	SOURCE DEPTH	30 FEET	CABLE DEPTH	50-70 FEET
52				
53	CABLE	24 TRAC		
54	CABLE LENGTH	7570 FEET	GROUP INTVAL	300 FEET
55	NEAR TRACE	660 FEET	FAR TRACE	7560 FEET
56				
57	INSTRUMENT	DFS 10000	GAIN MODE	PGC
58	FILTERS	OUT/OUT		
59				
60	DATA LENGTH	9 SEC	SAMPLE RATE	4 MILLS
61	STACK	24 FOLD (NOMINAL)	SHOT DIST	162.50 FEET
62	END			

PROCESSING SEQUENCE CARDS

63 UT/MSI PROCESSING CENTER
64
65 1) DEMULTIPLEX TO TEMPUS (16 BIT INTEGER) FORMAT
66 2) SORT / SCALE
67 3) VELOCITY ANALYSIS
68 4) NORMAL MOVE OUT / STACK
69 5) FILTER / MUTE / SCALE
70 6) SECTION AT 5 DB
71 7) FILM HORZ SCALE 7500 FEET/INCH
72 END

DISPLAY PARAMETERS

73 FORMAT 1PRA
74 REEL 1025
75 LINE GT2-19
76 RATE 4 NSAMP 2250
77 STEP 7
78 DISPLAY VASO
79 GRAN, DIA, CDP, AUF, SP, 1
80 GRAN LIN
81 LTDR
82 HSCALE 50
83 GAIN 5 DB
84 LOGO 43 BOAT F CABLED 60 SRCSTN 10 NTRACE 24
85 SRCED 30
86 CABLEL 7570
87 TRCSRC 660
88 STNANT 80
89 GULD
90 SOLID 500
91 EOJ

GT2-19

RASTER

30X 26Y

2/27/78

882

003