

ERDA-1

ERDA-92-2

Leg 1

ERDA-92-2

7530-00-222-3521

FEDERAL SUPPLY SERVICE

(GPO)

92

ERDA-92-2

Leg 1

2

2

6-3-92

Dana & Jack Lv. St. Pete

7:30am

* 8:00 - Flat tire @ 54 ave N.

all positions are GPS positions unless
otherwise noted

10:30a Lv. St. Pete

11:00 p Arr. LHM con

6-4-92

12:30 p Conrad Tome arrives
with ERDA-I

mobilize

Equipment

Hunter Plate

Geopulse Receiver

EPC 3200

GPS - Loran C

DAP w/ printer

Benthos Hydrophone
(No HP tape)

Mobile & shakedown

6-5-92

Lv. Luncheon 6:45

7:15 Boat quit

Line #1

6-12-92

JAPL DAT

Lake Ponc.

{ 20+18 db
300 Hz/5 kHz
1/8 sweep, 1/4 key }

0950 shot #

SOL 1

1449.57

30 20.260 N

9005.633 W

Sweep = 0.125

Fire = 0.25

0955 #1

30 19.998 N

9005.628 W

-generator trouble

1020 #6

30 18.511

9005.914

1030 #8

30 17.973

9005.946

1045 #11

printer dead

1050 #12

3016.891

9006.093

Printer working

1105 #15

3016.088

9006.357

1110 #16

3015.837

9006.412

1130 #20

3014.736

9006.640

1150 #24

300Hz/3K filler

3013.643

9006.899

1200

3013.104

#26

9006.974

1215

#29

EOL #1

3012.260

9004.104

Miss. Sound

6/13/92

ERDA 92-2

JUL13.DAT

line 2

{ 1/8" Sweep 1/4" Key }
300 Hz / 5 KHz
200 LPT

SOL #2

SOL #0

1005

3014.425

9' depth

8924.901

#3

1020

11' depth

3013.570

8925.099

#5

1030

3012.841

8925.126

#8

#8

1045

12' depth

3011.907

8925.337

#12

1105

29'

3010.657

8925.835

#14

11-15

30 10.073

89 26.245

#17

1130

30 09.244

89 26.884

11:34 - End of Roll #1

(lots of lightning)

#19

11:40 Start of Roll 2

30 08.655

29 26.975

#22

EOL #2

data logging ended

11:55

30 08.005

89 27.103

Ling #3

6/14/92

Jul 14. DAT

{ 1/8 sweep, 1/4 key }
 { 20+18db, 300Hz/5 kHz }

SOL 3

SOL #0 0940

depth 12.5'

30 17.290 } missing on printout
 89 17.287 }

#1 0945

30 17.058

89 17.383

#8 1020

30 15.238

89 17.303

#12 1040

depth 15.8'

30 14.151

89 17.100

#40 1300

depth 10.8'

30 07.230

89 15.396

#41 1305 EOL3 7'

3007.039

8915.117

recording paused

SOL #4 1306 9.5' ft

3007.09

8915.12

#Ø 1310

3007.243

8914.907

#7 1245

3008.429

8912.803

#10 1400 9.9'

3009.174

8912.158

#13 1415 EOL#4

3010.037

8911.536

END of roll #2

SOL #5 1423

Start of roll #3

3010.169

8911.433

#0 1425 depth 16.1'

3010.279

8911.469

#5 1450

3011.730

8912.199

#11 1520 depth 24'

3013.534

8912.231

#16 1545

3015.005

8913.968

#20 1605

3016.272

8914.579

#25 1630
30 17.731
89 15.619

depth 10.8'

#27 1640 EOL #5
End of file
30 18.302
89 15.899

SOL #6

6/15/92

#0 0845

1/4 sec Key 300-SK2
1/8 sweep 20+18 ds

30 12.621
89 24.360

12.8' depth

#1 0850

- change Belt

30 13.345
89 24.292

#3 0900

30 12.846
89 24.285

#6 0915

11.5 depth

30 12.047
89 24.242

#9 0930

16.5 depth

30 11.252
89 24.205

0.940 #11

14.4'

3010.705

8924.237

#10 3009.536 1005

8924.124

#20 1025

3008.583

8924.131

12.5'

#25 1050

3007.330

8924.091

12.5'

#29 1110

3006.339

8924.019

#38 1155

3003.985

8923.953

#40 1205

3003.500

8923.9

EOL

SOL #7

3003.500

8923.900

11.5'

#0 1210

3003.266

8923.670

#5 1235

3003.726

8922.936

11.5'

End of roll #3

#8 1250 Start of roll #4

3004.015

8922.316

11.5'

#14 1320

3004.358

8921.309

#15 1325 12.2'

3004.485
8921.056

#19 1345

3004.987
8920.013

#23 1405

3005.501 12.2'
8918.828

#25 1415

3005.811
8918.259

#26 1420 EOL #7

3005.941
8917.971

#0 1425 Bol #8

3006.262
8918.002

#3 1440

3007.179
8918.462

#4 1445 14.1'

3007.494
8918.557

#7 1500

3008.484
8918.896

#10 1515

3009.361
8919.279

XCVR gain reduced to 20+9db
-Record cleaned up-

#12 1525 15.8'

3009.971
8919.658

#23 1620

12.5'

3013.242

8921.121

#25 1630

3013.853

8921.353

#29 1650

3015.033

8921.99

#31 1700

3015.613

8922.114

#32 1705

3015.912

8922.295

#33 1710 EOL 8

3016.209 8922.487

6/16/92

Line #9

JULIG.DAT

1/8 sweep, 1/4 km

300 Hz/5 kHz, 20+9 db

SOL #9 0840

12.5'

#0

3013.812

8924.179

next to

green marker

#1

gain = 20+12db

#3

0855

30 14.186

89 23.158

#6

0910

12.2'

3014.554

8922.105

#12

0940

11.8'

3015.407

8919.881

Paper change

End of Roll 4

Belt change

#16 - Circling for paper
2 Bolt change

1003 - Back on Line
Begin Roll #5

#17 1005

3015.585

8919.298

#19 1015

3015.838

8918.576

#20 1020

7.6'
Hand on cliff shelf

3015.949

8918.210

#21 1025

Approaching
way point #122

3016.165

8917.861

1026:20

Arrive way point 122
Core site ms 45

course change to wp 123

#22 1030

3016.272

8917.488

#24 1040

3016.594

8916.815

#28 1100

3017.228

8915.432

#34 1130

3018.014

8913.429

Arrive wp 123
Core site ms 39
CC to wp 124

1244 at waypt #124
turn to waypt 125

#49 1245
3019.533 13.5'
8907.885

#55 1315 13.8'
3019.549
8905.524

#57 1325
3019.591
8904.770

1
1326 at waypt #125
turning to waypt #126

#61 1345
3019.779
8903.184

#67 1415
3020.069
8900.856

#71 1435 14.4'

3020.240
8859.251

#73 1445
3020.353
8858.424

1448 Arrive waypoint 126
core site MS82

15.1'
cc to wp 127 heading 87°

#74 1450
3020.394
8858.053

#80 1520
3020.457
8855.492

1556 roll change End of roll #5
- making circle to change roll
1601 - start roll #6

1602 - on line 9 again

#89 1605 12.8'
30 20.571
88 52.317

EOL 9

6/17/92

To 17. DAT

- Line 10 -

1/8 SWP 1/4 Key

300 Hz - 5 kHz 20+9 dB

0752

SOL 10

30 20.317

88 46.459

9.9'

#0

0755

30 20.288

88 46.312

#2

30 22.362

88 45.210

start channel

6m bel surf.

to 20m

#8

0835

30 20.009

88 43.615

#19

0930

30 19.678

88 39.622

#20 0940

30 19.601
88 38.837

#25 1000

30 19.453
88 37.200

10 07:30 Arrive WP 129
30 19.4 Core Site
88 36.57 MS 6

#27 1010

30 19.422
88 36.456

#34 1045

30 19.097
88 34.106

105230

30 19.105 EOL 10
88 33.600

#0 1055 Begin Line #11

30 19.072
88 33.551

#4 1115

30 17.857
88 34.111

#7 1130 13.1'

30 16.762
88 34.497

#14 1205

30 14.317
88 35.510

1213:30

EOL #11

30 13.676
88 35.699

1215

- BOL 12 -

- Printer para charge

#0

1220

30 14.000

88 36.037

waypt #132 1239

30 15.114

88 37.027

#4

1240

30 15.120

88 37.029

waypoint #133 1302

MS 7 30 16.537

88 38.027

#13 1325 - end of roll #6

1332 S+ARC roll #7

#15

1335

30 18.650

88 39.761

1353

at waypt #134
continuing on line

#19

1355

30 19.944

88 40.595

#21

1405

30 20.513

88 41.177

9.5'

#22

1410

EOL 12

30 20.801

88 41.396

1411

- BOL 13 -

#10

1415

30 20.553

88 41.599

#6

1445

30 18.062

88 42.047

9 1500

30 17.835

88 43.266

1512 30 17.109 Active wp 135
88 43.490 Core site ms 66
CC to wp 136

12 1515

18.4'

30 16.956

88 43.687

16 1535

30 16.184

88 45.229

19 1550 - EOL 13 -

30 15.648

88 46.425

END of JUI7.DAT

6/18/92

JU 18.DAT

0727

- BOL 14 -

marker #10

10.2'

30 20.336

1/8 sec Swp

88 46.471

1/4 " Key

20+9 db

#0

#0 0730

30 20.138

88 46.265

#2

0740

30 19.775

88 45.629

#5

0755

30 19.098

88 44.738

#10 0820 increase
30 18.139 gain to 20Hz
88 43.214

0857 WPT 02
CORE SITE MS 64

30° 16.308' N
88° 40.462' W

DEPTH 17.7'

Note: NAV. Error EOL @ Core
Site 64 - Route adjusted.

#19 0905 EOL 14

30 16.195
88 40.502 BOL 15

#0 0910

30 16.544
88 40.275

#12 1010

30 20.877
88 38.458

1012 EOL 15

30 21.038
88 38.384

1014 - BOL 16 -

#0 1015

30 21.014
88 38.38

#2

1025

3020.273

88 37.939

#8

1055

3018.413

8836.573

Cend of roll #7

1058

begin roll #8

#11

1110

30 17.806

88 36.149

#14

1125

30 16.780

88 35.450

9.2'

#24

1215

3013.506

8833.151

9.2'

#25

1220

EOL 16

30 13.134

88 32.935

1222

BOL 17

#0

1225

3013.419

88 32.820

#2

1235

3014.068

8832.345

17.1'

#8

1305

3016.030

8830.816

#9

1310

30 16.4

88 30.603

Active wp 7

core site

MS-2

End of line 17
Time 1340
#15 30° 18.399 N
58° 29.201 W

Begin Line 18

#0 1345
12.2'
30 18.247
88 28.950

#15 1500
30 13.797
88 24.877

#19 1520
30 12.805
88 24.120

1521 BOL #18
30 12.796
88 24.073

SOL # 19

1523 - Circling Before
starting line
to change Belt

#0 1525 - BOL #19

30 12.899 19.4'
88 24.153

#5 1550

30 13.908
88 26.028

#8 1605

30 14.599
88 27.153

#10 1615

30 14.992
88 27.936

22.0'

20.7'

#15 1640
30 16.033
88 29.883

#17 1650 Arrive wp
Core site MS-2
30 16.416
88 30.633

1656 - End roll #8
Begin roll #9
- printer failure -

#23 1720
30 17.550 } manual
88 32.774 } entrance

#25 1730
30 17.837
88 33.448

#29 1750
30 18.462
88 34.753

#34 1815
30 19.288
88 36.398

11.5'

Opposite MSO 1819

#35 1820 EOL #19
30 19.427
88 36.752

END of CRUISE
END of JUL 18. DAT
End of roll #9