

SOUTH CAROLINA 6/26/96

96CCT01 6/26/96 = 7/1/96

SC696-1 (seismic) 15:59

SC1 (wav) 15:50

Test Data - Gilbert

N. Edisto

No UPS

Geopulse - 105 Joules (110V, starboard gen) (in storage area under lab)

Geolink XDS (9670 bps port 1, GPS-PLGR), 4200 bps, port 2 E-Sound 103

(Inmarsat format - 200 KHZ)

21:00

22:00

Rockwell PLGR (NAVPLGR, PLN)

Huntec sled

STS Hydrophone (all phases on)

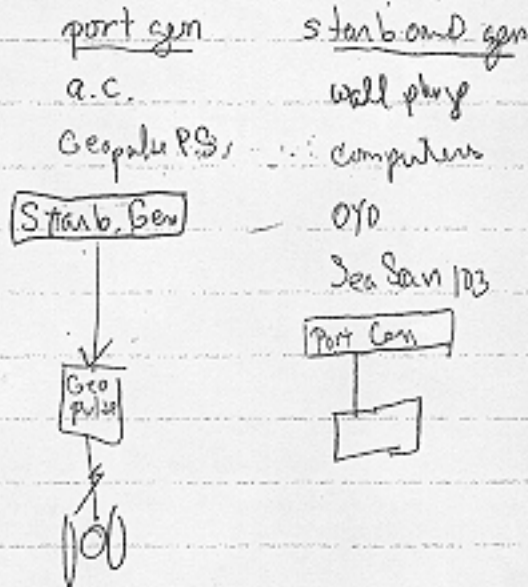
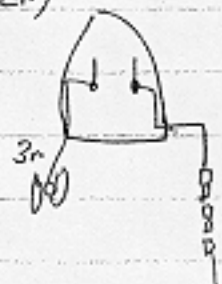
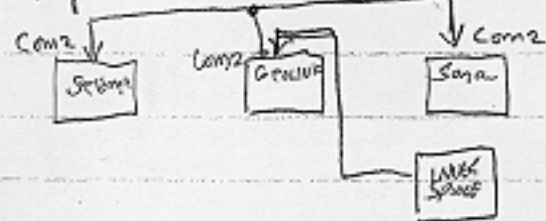
12v motorcycle belt hydro pump

OYO GSG12 plotter

Delphi in 1.31

E-Sound 102 - (200 KHZ)

All phases (1-10) ON



Nav fix - 2 sec

all units grounded to ground studs

all units running off starb. gen (seismic, Air Cond, etc)

NOTE: Sona(s) not operating

SC696-1 - 16:30 heading offshore - record getting
noisy (4-5' seas)

EOL SC696-1 18:02

EOL SC1 18:02

TST1 - ~~sonar~~

21:00 SCSON1 - sonar, 100 KHZ, 200m swath (210 m range)

22:00 SCSON2 sonar 500 KHZ, 45m swath (45m range)

Nav, depth, channel marker at 22:11:.. as white stripe.

6/27/96 N. Edisto River

SOL SC692-2 - seismic 16:54
SOL SSG27-1 sman 17:04 (200 msw) (16 m water, 3 m down) (100 kHz @ 10°)
SOL SC2 NAV (Nav = 2 sec, DDT = on, Immerspace XDS,) 16:55

fish 3 m down, bottom 15 m

EOL SSG27-1 17:41 - NOT SAVED - see below

making circle

EOL SC692-2 (seismic) 18:27

EOL SC2 (nav) 18:27

SOL SC696-3 (seismic) 20:00

SOL SC3 (nav) 20:00

EOL SC696-3 20:50

EOL SC3 20:50

(1600⁰⁰ upgul) almost no bottom
17,500⁰⁰

6/28/96

SOL SC696-4 (seis) 12:59

SOL SS628-1 (sonar) 12:53 100KHZ, swath=199, down 3m, 10' cur

SOL SC4 (Nav)

EOL SS628-1 (sonar) 13:27 - file terminated - disk full nasos (nas)

SOL SS628-2 (sonar) 13:37

EOL SS628-2 (sonar) 13:45 - disk full c:\data\SS696
(switched to saving on D:\SS96 (MO))

SOL SS628-3 (sonar) 13:49 - D:\SS96\SS628-3

13:52 at end of line SS628-2

EOL SS628-3 (sonar) 14:53
turn 180° for 11 line

SOL SS628-4 (sonar) 14:59

SOL S

EOL SC4 (Nav) 15:28

SOL SC5 (Nav) 15:28

15:32 overheat - sonar off - (plug @ towfish was pulled free
causing thermal overload to shut off sonar)

EOL SS628-4 15:38

EOL SC696-4 15:46 - no nav since 15:40 - (too many nav fixes)

EOL SC5 15:47
- fish plug reconnected

SOL SC695-5 (seis) 16:37 1.05 Jaws, 250ms shot, 100ms samp

SOL SC6 (Nav) 16:38 2 sec play, 2 sec nav, 5 sec depth

SOL SS628-5 (sonar) 16:42 100 KHZ, 210m shot, 199 jaws, 3m down

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EOL SSG28-5 (son) 17:53

EOL SC696-5 (son) 17:53

Stopped SC6 17:53

SOL SSG28-6 (son) 17:57

SOL SC696-6 (son) 17:57

append SC6 (NAV) 17:58

EOL SSG28-6 (SB) 18:21

EOL SC696-6 (SB) 18:21

EOL SC6 (NAV) 18:21

SOL SC696-7 (SB) 18:23

SOL SSG28-7 (SB) 18:23

SOL SC7 (NAV) 18:23

EOL SC696-7 18:52

EOL SSG28-7 18:52

EOL SC7 18:52

SOL SC696-8 18:54

SOL SSG28-8 18:54

SOL SC8 18:54

EOL SC696-8, SSG28-8, SC8 18:55
(no NAV)

SOL SC 696-9 (EIS) 19:03

SOL SS 628-9 (sb) 19:03

SOL SC9 (NAV) 19:08

EOL SS628-9

SOL SS628-10 19:40 500KHZ, 75m swath

Monitor NAV - no nav for approx 15min

EOL SC696-9 (seismic)

EOL SS628-10 (sonar) TEST file

6/29/96 offshore Eduato

SOL SS629-10 13:20 (100 KHz, 210st, 200 sav)
SOL SC696-10 13:24
SOL SC10 13:31

NOTE SS629-10 (sea floor save on @ shot 3006)

EOL SS629-10 14:27
EOL SC696-10 14:27
EOL SC10 14:30
(skipped SC11)
SOL SS629-11 14:29
SOL SC696-11 14:28
SOL SC12- 14:30

EOL SS629-11 14:54 (MO disk full)
SOL SS629-12 14:5 (using other side (B) of M/D)

EOL SS629-12 (son) 15:15 LINE SC696-12
EOL SC696-11 (ser) 15:15 No data
EOL SC12 (Nav) 15:19 12/5/96

SOL SS629-13 (son) 15:15
SOL SC696-12 (ser) 15:19 LINE SC696-13
SOL SC13 (Nav) 15:19 no .PAR file, must
make copy

EOL SS629-13 16:10
EOL SC696-12 16:10
EOL SC13

SOL SS629-14 (500 KHz, 50m swath) -sonar 16:25

SOL SC696-13 (seismic) 16:11

SOL SC14 (NAV) 16:27

LINE SC696-14 Corrupted

EOL SS629-14 16:55

EIL SC696-13 16:55

EOL SC14

SOL SC696-14 (500 KHz) 16:55

SOL SS629-15 17:01

SOL SS629-15 (500 KHz) 17:07

SOL SS629-16 17:08

EOL SC696-14 17:27

EOL SS629-16 17:29

SOL SS629-17 (500 KHz) 17:30

SOL SC696-15 17:29

EOL SS629-17, SOL SS629-1X (500 KHz) 17:40

EOL SC14, SOL SC15 17:54

EOL SS629-1X (500 KHz) (500 KHz) 18:27

SOL SS629-2X (100 KHz) 18:34

EOL SC696-15 (100 KHz) 18:42

EOL SS629-2X 18:42

EOL SC15 18:50

Note: sabottom f, v name changed to SB629 - xxxxx

SOL SB629-16 (18:37)

SOL SS629-18 (18:40) Seamp gain = 3, 100 KHz, 210 out, 200 in

SOL SC16 (18:51)

EOL SB629-16 19:00

EOL SS629-18 19:00

EOL SC16 19:12

SOL SB629-17 19:34

SOL SS629-19 19:34

SOL SC17 19:12

EOL SC17 19:56 - SOL SC18 20:15 (nav lost 1/2 min)

EOL SC18, SOL SC19 (100x con 2 cable)

EOL SB629-17 20:40

EOL SC18 20:40

SOL SS629-20 20:56

SOL SB629-18 20:41

SOL SC19 21:00

EOL SB629-18 21:36

EOL SS629-20 21:36

EOL SC20 21:36

0/96 NOTES: 50m overlap on lines (lines 150m apart)
Logging Side Scan directly to M/O



Note - no data in SB629-19, SB629-20

SOL	SB630-21	(seismic), 12:43	105 Joules, 250 mc shot, 100; scan
SOL	SS630-21	(Sonar) 12:43	201 shot, 199.8 store, 100 KHZ
SOL	SC21,	(NAV) 12:44	5 sec depth 2 sec ply, 2 sec nav
EOL	SB630-21	13:48	
EOL	SS630-21	13:48	- NOTE: fish 1 m below surface
EOL	SC21	13:50	
SOL	SB630-22	13:52	
SOL	SS630-22	13:52	
SOL	SC22	13:52	
EOL	SB630-22	15:05	
EOL	SS630-22	15:05	
EOL	SC22	15:06	
SOL	SB630-23	15:09	
SOL	SS630-23	15:09	HEARD WAVE 65°
SOL	SC23	15:09	
EOL	SB630-23	16:21	
EOL	SS630-23	16:21	
EOL	SC23	16:22	
SOL	SB630-24	16:29	
SOL	SS630-24	16:29	
SOL	SC24	16:29	

EOL SB630-24 17:43

EOL SS630-24 17:43

EOL SC24 17:43

SOL SB630-25 17:48

SOL SS630-25 17:48

SOL SC25

EOL SB630-25 18:29 - stopped file moderately

SOL SS63025A 18:29 - new file

EOL SB630-25 19:00

Seas picking up 3-4"

EOL SS63025A 19:00

EOL SC25 18:40 SOL SC26A 18:45

SOL SB630-26 19:08 m/o disk full - side B

SOL SS630-26 19:08 File 19:48 SOL SS63026A 20:18

SOL SC26B 19:08

EOL SC26A NOTE - Plug pulled out towfish - and line in shackle to tow

EOL SB630-26 20:37

EOL SS63026A 20:37 - link on SS fish broke - all stopped - pull up

EOL SC26B 20:37

SOL SB630-27 21:30

SOL SS630-27 21:30

SOL SC27 21:30

EOL SB650-27 22:59 } Nav data not being xmitted
EOL SS650-27 22:59 }
EOL SC27 21:59 } shut down - pkg pulled from SS fish

Lat fix @ 21:59 79° 450.20537 W
32° 441.914976 N

shot 6450

bad com 2 cable - solder joint pin 3 came loose

7/1/96

3-4 ft. seas - choppy

Offshore Light house

SOL SB701-28 14:20 (165 yards, 250ms shot, 100ms sine)
SOL SS701-28 14:33 (100 KHZ, 210ms shot, 199.8 sine)
SOL SC28 14:20

-fish 1m down

EOL SB701-28 15:01 beach

EOL SS701-28 15:01

SOL SC28 15:01

SOL SB701-29 15:26

SOL SS701-29 15:27

SOL SC29 15:27

EOL SB701-29 16:02

EOL SS701-29 16:02

EOL SC29 16:02

SOL SB701-30 16:30 EOL 16:54 (disk full) SOL SB70130A 16:58

SOL SS701-30 16:31

SOL SC30 16:30

EOL SB701-30 16:58

EOL SS701-30 16:58

EOL SC30 16:58

SOL SB701-31 17:25

SOL SS701-31 17:25

SOL SC31 17:25

EOL SB701-31 18:05

EOL SS701-31 18:05

EOL SC31 18:05

SOL SB701-32 18:27

SOL SS701-32 18:27

SOL SC32 18:27

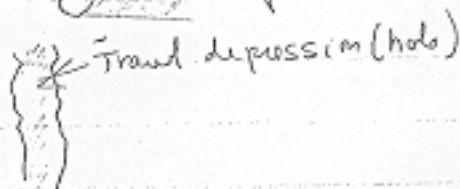
(Gray Scale lim, Reverse off-shadows = black)
(shrimp haul cloud - white)

(shrimp haul mark is black (depression in sea floor))

(objects of high spec. reflectivity are white)

(objects of low reflect. are white)

shadows are white) rock shadow of rock



EOL SB701-32 18:48

EOL SB701-32 18:48

EOL SC32 18:48

SOL SB701-33 19:14

SOL SG701-33 19:16

SOL SC33 19:16

EOL	SB701-33	19:44	(Sub bott)
EOL	SS701-33	19:44	(Side Scan)
EOL	SC33	19:44	(Nav)

SOL	SB701-34	19:50
SOL	SS701-34	19:50
SOL	SC34	19:50

EOL	SB701-34	20:19
EOL	SS701-34	20:19
EOL	SC34	20:20

SOL	SB701-35	20:22
SOL	SS701-35	20:22
SOL	SC35	20:22

EOL	SB701-35	20:44
EOL	SS701-35	20:44
EOL	SC35	20:44

SOL	SB701-36	20:40
SOL	SS701-36	20:48
SOL	SC36	20:48

EOL	SB701-36	21:14
EOL	SS701-36	21:14
EOL	SC36	21:14

SOL SB701-37 21:19

SOL SB701-37 21:19

SOL SC37 21:19

EOL SB701-37 21:36 (sub bott)

EOL SS701-37 21:36 (Side Scan)

EOL SC37 21:36 (Nav)

SOL SB701-38 21:39

SOL SS701-38 21:39

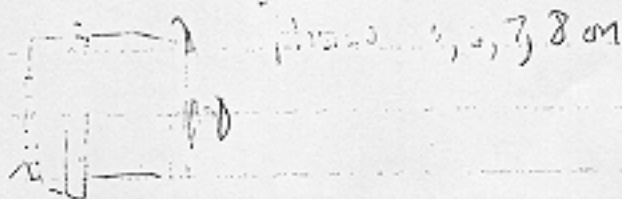
SOL SC38 21:39

EOL SB701-38 22:15

EOL SB701-38 22:15

EOL SC38 22:15

New Towing Arrangement



SC696-1, TRA

↓

SC696-15

SB629-16, 17, 18

SB630-21, 22, 23, 24, 25, 26, 27

SB701-28, 29, 30, SB70130A, 31, 32, 33, 34, 35, 36, 37, 38

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