

9 MARCH 1984

TO: DIST

FM: *McCrone*

RE: SITE SURVEY STREAMER

The following summary and enclosures regard the streamer work completed March 6 - 9, 1984. Twenty-four live sections were coupled together and wound onto the pier reel. These will be taken onboard Fred Moore March 12 or 13. All dead sections were wound onto small reels for storage and 4 deads were placed topside on the Moore.

The streamer was configured as follows:

- Tail buoy/bridle
- 414' nylon/polyprop. line
- 200' outboard stretch section
- Channels 1 - 24
- 200' inboard stretch section
- Leader

- Depth transducers between:
- Outboard stretch and chan 1,
- chan 5-6
- chan 10-11
- chan 15-16
- chan 20-21
- chan 24 and inboard stretch.

Each live section was checked for continuity with shorting pluss and at the DFS. Every phone was checked, and every channel was again checked after the entire streamer was finally wound onto the pier reel. Three bad lives were found (bringing the total to 7); Sterlins may be able to repair one, but the rest are to be sent to Western.

Twenty-four sections were previously decoupled by Dr. Austin. Four of these were bad and we used an additional two to configure the 24 channel streamer. Of the remaining 18 sections, 6 are to be wound onto separate reels and placed topside on the Moore. The last 12 will be coupled and wound onto the Moore's aux reel.

Every lead was counted and its location on each section measured. The leads are evenly distributed (7 - 9 leads/section) on sections 1-20. Sections 21-24 will need some attention.

Boots and sections which will require filling with Naroma are indicated on the enclosures.

U. T. INSTITUTE FOR GEOPHYSICS STREAMER LOG

DATE 3-9-84

SECTION #	#LEADS	#BIRDS	#LEAKS	DEPTH TRANSDUCER	COMMENTS
OUTBOARD END					
TAIL BUOY					
414' polyprop. (wt.?)					
0) 200' STRECTH (60.9 m)		14 leads on stretch section			
1) 502901	7			DT #1	Serial #; 7799975
2) 5702122	7				DT #1 between stretch and chan #1
3) 6800783	9				
4) 48015183	8				#4 DT wire pair on this section is defective.
5) 48014161	6			DT #2	
6) 5017077	8				DT #2 between chan 5 & 6
7) 680014	7				
8) 5017028	8				
9) 5017017	8				
10) 501705	8			DT #3	fill section with naroma.
11) 5017030	8				DT #3 between chan 10 & 11
12) 5017049	7				
13) 5017036	8				
14) 5017054	8				126 ohm. chan 17 (?) 80 ohm. check again.
15) 5017024	8			DT #4	DT #4 between chan 15 & 16

DATE 3-9-84

[illegible]

BAD LIVES FROM PREVIOUS SURVEY CRUISE. 17-11-5017037, 5017037

3/6/84

STRENNER CONFIGURATION

SECTIONS

DEPTH TRANSDUCERS: BETWEEN OUTWARD STRETCH AND CHANT

- 5-6
- 10-11
- 15-16
- 20-21

24 and inboard stretch

SECT #

DEAD STRETCH SECTION

0

20

40

60

80

100

120

140

160

180

200

220

240

260

280

300

320

340

360

380

400

420

440

460

480

500

520

540

560

580

600

620

640

660

680

700

720

740

760

780

800

820

840

860

880

900

920

940

960

980

1000

1020

1040

1060

1080

1100

1120

1140

1160

1180

1200

1220

1240

1260

1280

1300

1320

1340

1360

1380

1400

1420

1440

1460

1480

1500

1520

1540

1560

1580

1600

1620

1640

1660

1680

1700

1720

1740

1760

1780

1800

1820

1840

1860

1880

1900

1920

1940

1960

1980

2000

2020

2040

2060

2080

2100

2120

2140

2160

2180

2200

2220

2240

2260

2280

2300

2320

2340

2360

2380

2400

2420

2440

2460

2480

2500

2520

2540

2560

2580

2600

2620

2640

2660

2680

2700

2720

2740

2760

2780

2800

2820

2840

2860

2880

2900

2920

2940

2960

2980

3000

3020

3040

3060

3080

3100

3120

3140

3160

3180

3200

3220

3240

3260

3280

3300

3320

3340

3360

3380

3400

3420

3440

3460

3480

3500

3520

3540

3560

3580

3600

3620

3640

3660

3680

3700

3720

3740

3760

3780

3800

3820

3840

3860

3880

3900

3920

3940

3960

3980

4000

4020

4040

4060

4080

4100

4120

4140

4160

4180

4200

4220

4240

4260

4280

4300

4320

4340

4360

4380

4400

4420

4440

4460

4480

4500

4520

4540

4560

4580

4600

4620

4640

4660

4680

4700

4720

4740

4760

4780

4800

4820

4840

4860

4880

4900

4920

4940

4960

4980

5000

5020

5040

5060

5080

5100

5120

5140

5160

5180

5200

5220

5240

5260

5280

5300

5320

5340

5360

5380

5400

5420

5440

5460

5480

5500

5520

5540

5560

5580

5600

5620

5640

5660

5680

5700

5720

5740

5760

5780

5800

5820

5840

5860

5880

5900

5920

5940

5960

5980

6000

6020

6040

6060

6080

6100

6120

6140

6160

6180

6200

6220

6240

6260

6280

6300

6320

6340

6360

6380

6400

6420

6440

6460

6480

6500

6520

6540

6560

6580

6600

6620

6640

6660

6680

6700

6720

6740

6760

6780

6800

6820

6840

6860

6880

6900

6920

6940

6960

6980

7000

7020

7040

7060

7080

7100

7120

7140

7160

7180

STREAMER CONFIGURATION

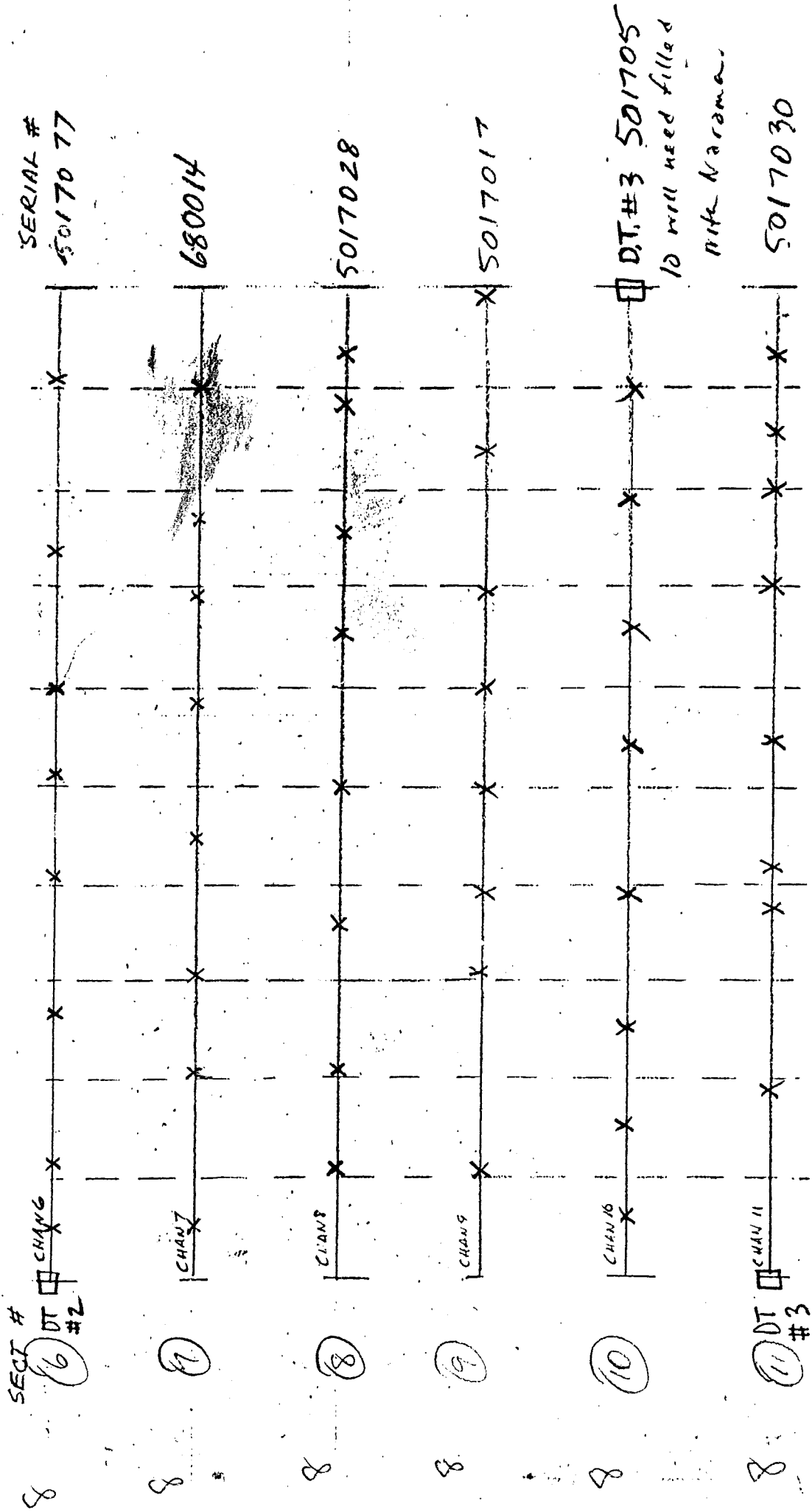
SECTIONS

680 0781 (Chan 6) had to be removed - 0.2 @ pair 15. Sterling means be able to fix at a later time.

LEADS (X)

BIRDS (O)

D.T.'s (□)



- 100 Ft -

STRENNER CONFIGURATION

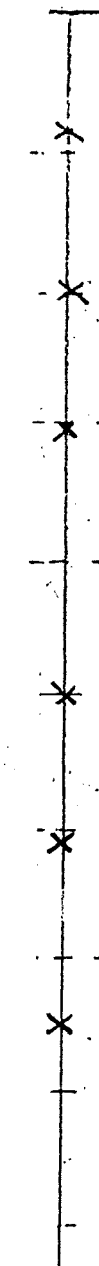
SECTIONS

LEADS (x)
BIRDS (o)
D.T.'s (□)

SECT #

(12)

CH 12



SERIAL #
5017049

(13)

CH 13



SERIAL #
5017036

(14)

CH 14



SERIAL #
5017054

Plg. one chain 80 -- check again.

(15)

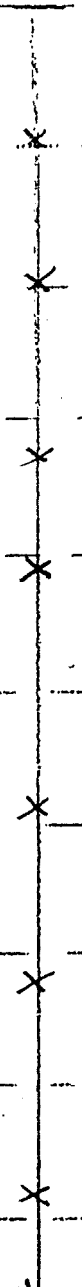
CH 15



D.T. # 4 5017024

(16)

D.T. # 4 CH 16



SERIAL #
5017016

(17)

CH 17



SERIAL #
5017010

— 100 Ft —

STRENNER CONFIGURATION

SECTIONS

LEADS (x)
BIRDS (o)
D.T's (□)

SECT #

