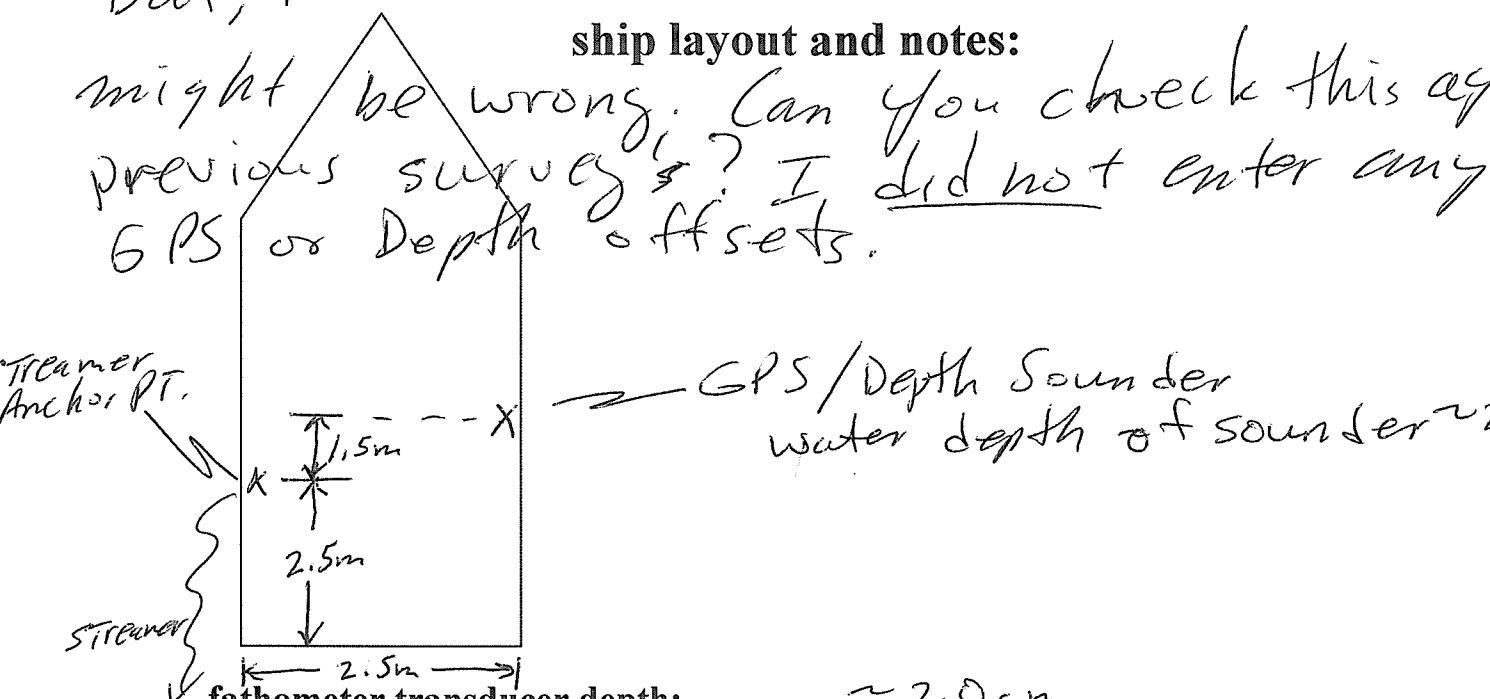
V – I entered the scaling factor for the 50m + 100m streamer in the Acq. Software.

SYSTEM SETUP:

But, realized that the 100m factor of 2m might be wrong. Can you check this against previous surveys? I did not enter any GPS or Depth offsets.

ship layout and notes:



fathometer transducer depth: ~20cm

draft offset entered in GPS? yes no

streamer length: Lines 1-30 50m Scaling factor 5m
Lines 31-41 100m " " 2m (wrong? should be 10?)

UTC/Local time offset: -4 hrs

Start x (negative distance between cable connection point and first electrode – will be negative value!!!): Constant – same as previous Survey's – Did not enter any value in Acq. Software

Scaling factor (in acquisition software): Above

(if command file has electrode spacing correct, this should be 1. If the cmd file spaces electrodes at 1m, this value will probably be 5 or 10)

command file used: same MarineDD

version of acquisition software: 01.03.09 EM

electrode array configuration (ie dipole-dipole): yes

5-14-09

LU Dock 0910
- measure offsets
- fix nav serial 9PIN

50m streamer = 5m offset
~~leave @~~
~~fix in post process~~

	SOL	EOL	
L1F1-	BAD		
L1F2-	1333	1337	
Freeze			
L1F3	1340	1342	freeze
L1F4	1345		
L2F1	1358		
L2F2	1354	1355	
L3F1	1357		
L3F2	1400		
L3F3	1405		

L4F1			All [redacted]
L4F2			Bad
L4F3			[redacted]
L5F1	1423	1434	
L5F2	1427	1449	
L6F1	1451	1456	
L7F1	1501	1531	
redo Lines 1-4			
L8F1	1622	1628	GPS Fail
L8F2	1629	1640	snagged pot
L9F1	1643	1649	
L10F1	1650	1652	short line
L11F1	1653	1658	
L12F1	1659	1704	
L13F1	1705	1718	

redo Line 1-4

	SOL	EOL
L14F1	1719	1730
L15F1	1731	1741
L16F1	1742	1758
L17F1	1759	1816
L18F1	1817	1831
L19F1	1836	1838 GPS ERROR
L19F2	1838	1920
L20F1	1920	1926
L21F1	1921	1933
L22F1	1935	1946
L23F1	1947	1952
L24F1	1959	2005
L25F1	2006	2022

	SOL	EOL
L26F1	2023	2038
L27F1	2039	2053
L28F1	2056	2115 GAS
L29F1	2125	2144
L30F1	2146	2151

Finished East End.

- ~~Upack Matrix~~
- ~~Data → VC~~
- ~~Print out jpg's~~
- ~~Print out Tax form~~
- ~~Beer~~
- ~~Pizza~~
- ~~Battery #3 DO NOT USE~~
- New Floor

5/15/09 FRIDAY

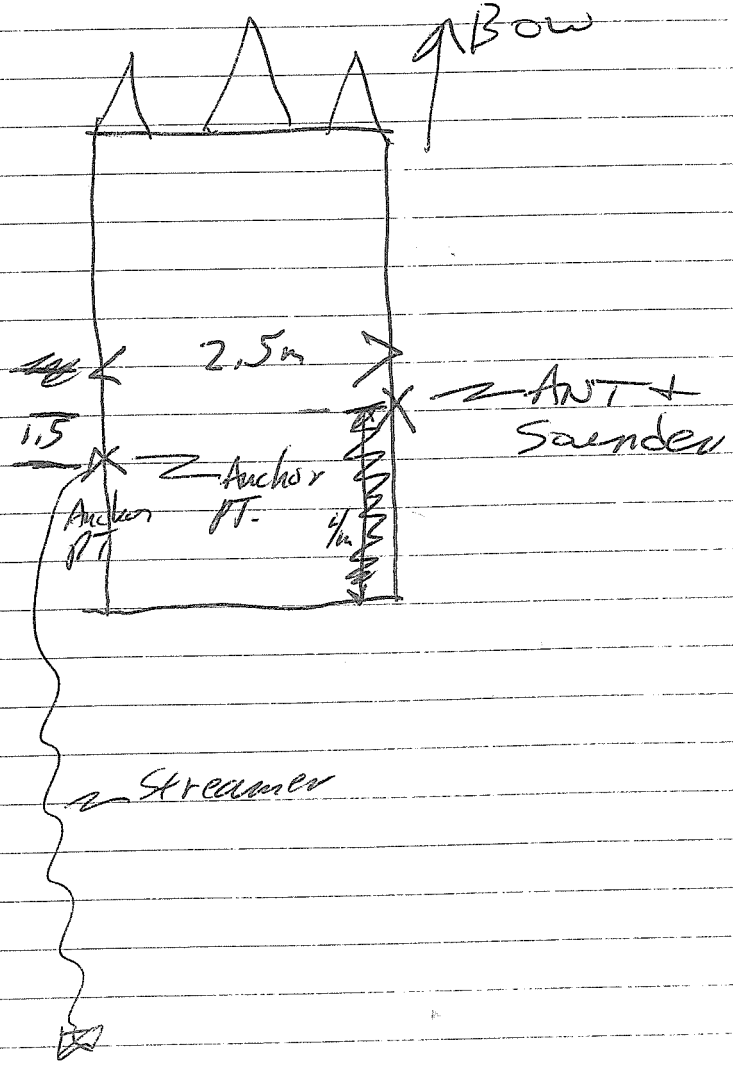
100m streamer = 2m scale

Survey WEST END

Line	SOL	EOL	
L31F1	1353	1358	NO HYPACK
L32F1	1401	1448	STARTED REC HYPACK @1403
L33F1	1448	1522	
L34F1	1528	1558	GPS Fail
L34F2	1600	1603	Buoy Died
L34F3	1603	1606	Buoy died
L34F4	1606	~1612	Buoy died
L34F5	1614	1631	
L35F1	1633	1649	Lobster Pot
L35F2	1654	1711	

LINE	SOL	EOL
L36F1	1713	1741
		TURB/GAS Δ
L37F1	1746	1805
L38F1	1808	1825
L39F1	1827	1845
L40F1	1846	1858
L41F1	1901	1914

EOD/L


Bow
2.5m
1.5
ANT + Sounder
Anchor pt.
Anchor pt
1m
Streamer

FA#0902I
Greenwich Bay, RI
CRP Surveying

13 May 2009 - PM - [redacted]
Chuck Worley set up [redacted]
gear on boat at
Norton's Marina,
East Greenwich,
Foot of Division St.
Slip D-9
URI contact:
Emily Shumchenia
[redacted]

14 May 2009 John Bratton
Chuck Worley
John King
Russ Miller - boat driver
URI Ocean Eng. meet

0600 - leave home
0745 - Arrive @ marina
CW @ dock, loading
URI pontoon boat
~0900 - Start first line
headed south into

Scale: 1 square = _____

5/14 Overcast, S. wind
lt. rain, 50s-60s

Greenwich Cove; sting box
is losing signal intermittently
(power issue - cut out
switching box) - headed
back out of cove across
bay (using 50-m streamer)
1100 - Turned @ north shore
and headed back
toward marina;
will send initial data
to VeeAnn Cross to
check w/ quick processing
1145 - Back at marina, dropping
John King
1215 - Back on the water
1225 - Repeating lines back
into Greenwich Cove
1420 - Turn @ golf course
on Warwick Pt
after rough crossing
of bay mouth
1440 - Turn in NE corner of bay
to west
1523 - Turn @ marina in NW
corner of bay into
channel

Scale: 1 square = _____

FA# 09021
Greenwich Bay CRP
(cont. of 5/14/09)

1540 - Turn around at end of Apponaug Cove
1625 - Turn just west of Sally Rock Pt., back to the north
1715 - Out of gas @ N. shore, dropped anchor to switch gas cans, then run last line back to south shore
1820 - Done offloading, JB + CW leave marina
1950 - JB arrives home in N. Falmouth

15 May 2009

0630 - JB leave home
0750 - JB arrive @ marina in E. Greenwich, will survey w/ 100-m streamer today

5/14 overcast, scat. showers, med. to strong ESE wind ~60°

JB, CW, RM, JK 5/15 overcast, drizzle, 50s, lt. S. breeze

0815 - salinity + conductivity msmts today using YSI 30 - @ marina 19T N4615683 UTM E0296407, WGS 84
- sp. cond @ 15.1°C = 32.54 mS/cm
25.7 ppt Σ temp comp.

0935 - cast off
~1000 - Start first line (short) headed to W. shore of Apponaug cove.
- sal = 25.5 ppt 15.7°C
32.95 mS/cm spec. cond.
19T 0296385
4617057
1040 - 19T 0300134 32.53 spec cond
4616672 26.0 ppt
14.6°C

pretty foggy @ bay mouth

Scale: 1 square = _____

FA # 09021

Greenwich Bay CRP
(cont. of 5/15/09)

1100 – running 100-m line
back toward west
(Apponaug Cove);
streamer nearly hit
by clammer's boat

1121 – 19T 029 7013 26.2 ppt
4616726 34.05 ms/cm
16.3°C
nearing end of
line back at
Apponaug; heading
back out to mouth
via Sally Rock Pt.

1144 – @ 19T 0298123
4616270
33.79 mS, 15.9°C, 26.2 ppt

1218 – @ Spring Rock outside
mouth of bay
19T 0301537 E 27.4 ppt
4615626 N 15.0°C
34.43 mS/cm

Scale: 1 square = _____

JB, RM, CW, RK 11:00 fog lifting
low 60s, lt.
SE breeze

1231 – near bell #8 mark
NW corner of Patience Island
19T 0302520 27.8 ppt
4614814 34.64 mS, 14.6°C

1255 – snagged lobster pot,
untangled and resumed
line to Potowomut
Cove – 0300589 E
High tide @ 1311 27.7 ppt 4614194 N
14.8°C, 34.52 mS spec. Cond.

1334 – Back in mouth of bay
0299936 E 4615834 N
34.10 mS, 16.5°C, 26.1 ppt

1432 – Outside Brush Neck Cove
26.2 ppt, 34.25, 16.7°C
19T 0299710 E
4617231 N

1530 – Back at dock, offload
gear

1600 – leave marina, CW too

1730 – Arrive home, off duty

End of FA # 09021

Scale: 1 square = _____