

Crawford

New

SW



#PY33114

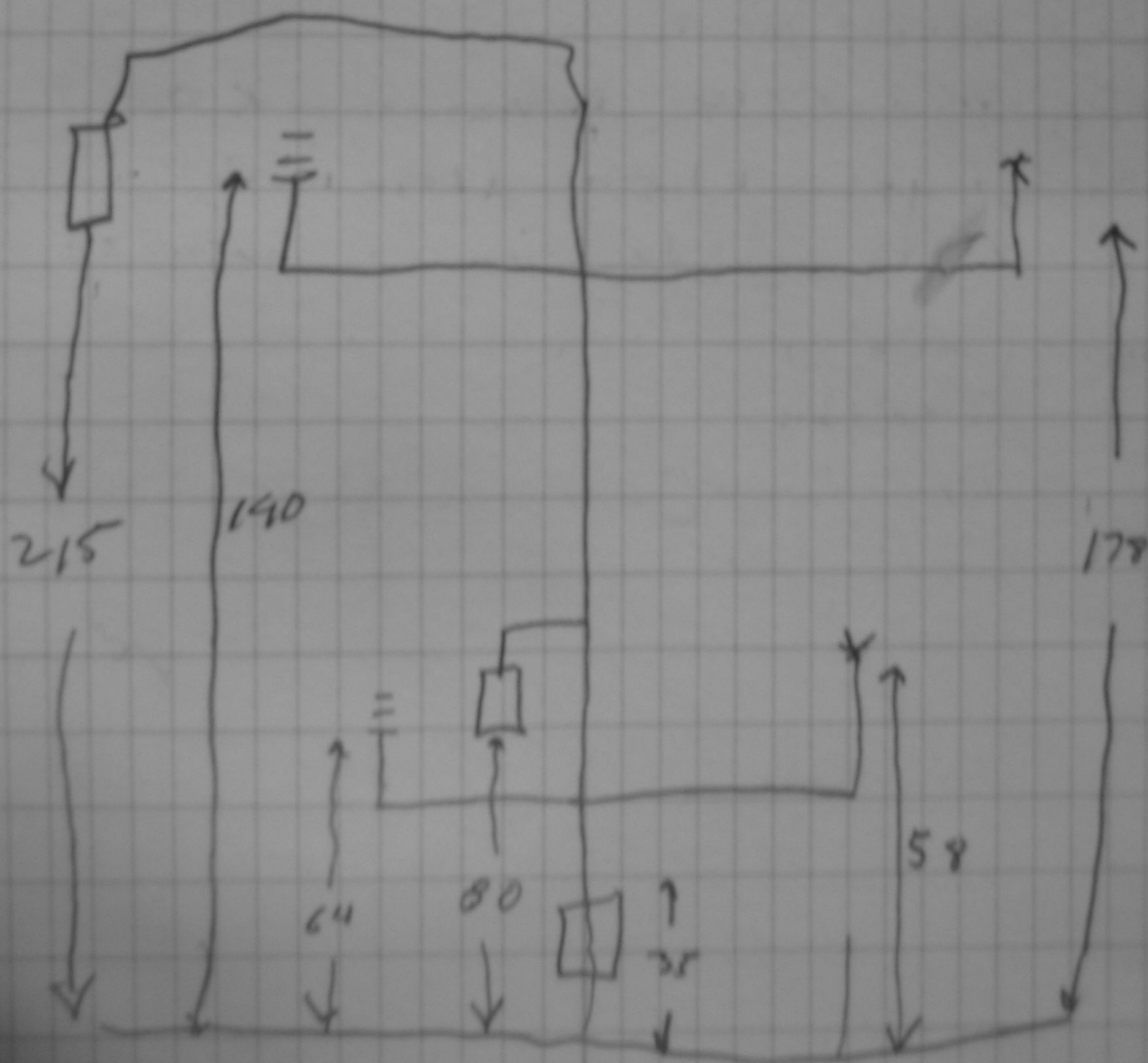
SW



PY 440039

channels (TS) 1, 2, 3, 4, 5 are in the ice

WATER 2 1500 S.F.J



Cp Cont

2 New Sonics

New Multi Plexer

clock read 2:22 (should be 1:07)

no pit - white out

* No measurements after Raising

=> Use offset.

Raised ~ 8 feet

Added Power Cable extension in 2007

Temp strings only 5m into ice

Preparation

McGurkin

Nanson sled I bolt

Gas stove + Range Alla Raven

Weights for + strings

Wire nuts

Sutherlands 443 8881

3390 Valmont

8/00 Friday

Some problems are out
a function freeze on the right side
of hot water to melt out and
a few other settings on the machine

Will use Build

for error successful

for
Short call to M
Mona knew away.

Person from Run down Glacier to gather
all data.

Settled

'The Battle of the Books' Self defense

how to deal with a machine

- how to use a machine
- Contact the diving: cut people out
- Deal with a subject
- Human; Self representing human

Out of the house

Leave S.C. @ 1:12

On 10 @ 1:40 Bottom Panel Buried

Antenna 60 cm above surface

Bring Long Bamboo marker

5

Jan 1 1:58

2200° magnetic

Leaving 35° down Glacier

Bottom enclosure 1m up pole

CS 2m above surface

power cables are taught

Rubimeter slightly frosted top & bot

↓ SW P24563

↑ SW P24560

Time + hum is out

1 surface height good but going
some snow in other SH

not transmitting prob. due to GPS sync
problems - Jason

2:11 Starting to snow: white out

time is 2 sec off

Blue cable to 2 connections

* 1 dot behind

2:40 Revert

SMS1 2107

~2.2m above surface

upper joint ~25cm abs

all instruments good

Leaning 10° down slope 300 mag

SMS2 15:41 69°28'40"N 49°52'58"W

Leaning 5° / magnetic N

69°28.657'N 49°53.117'W

Mag 27

Wind Dir - Neg

Height - read 0

mast ~3m above snow

Date is good

2 min 40 s slow

NO SMS3

Jan 2 17:12

5m above surface

Slight (2°) Lean

Climb Pole

SMS3 1950

4m above surface

no Lean

Retrieve memory

*L 79W Broken

Arrive Jan 1 20:53

Download GPS

Swiss Camp 21:38

My Skandic ^{Just} On Full

Chexanne 1/2 full

Xenon 1/4 full

5/05

Working on Jan 1

Actual Tilt is 35° at 280 mag

Placed 3m into ice

Replaced 1 Temp/hum sensor

Reset satellite

Wook has pit

5/06

SMS1

- Lowered on the mast w/o drill

- 1.5m melt last year

- should be good for 1 more year

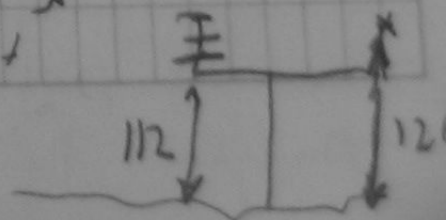
Left ^{sonic = 60cm} 50 cm above snow (1.5m depth)

so will be high next year

- Reoriented wind to true South

To be prep to Lean

Leaning 12.5° ~ west



5ms 2

no measurements before lowering oop,
Drilled 7.2 m into ice

snow depth - 151 - see NOAA's record

Used 3" (two at the) mast and

dropped the ss sleeve inside
the sleeve for the 3" Mast.

- must drill new holes with mast

* keep steam drill slightly steaming

to keep the hose warm while
testing the mast

* blew a white hose - must fix

* froze white hose #2 that

* 1 black hose has no connector

5/12/05

Start 5:30 from S.C.

JAR1 GPS started @ 15:30 local

at SMS2 19:06

at SMS3 ~ 22:30

→ SMS2 had been forced off the
sleeve by re-freeze but
still standing:

- Replaced sonar

- see Jason for heights

5/13/05

SMS3

Started drilling at 12:45 (3rd
hole) finish at 15:30

6.2 into ice

Logger was falling apart but
Jason fixed it and no need
to replace logger!

Leave at 1800

At JAR2 1825

5 min / meter drilling down

45 min - 1 hr widening: Perfect!

2 sleeves were too small

⊗ 7.4 m into ice done ~ 11:30

5/12/05

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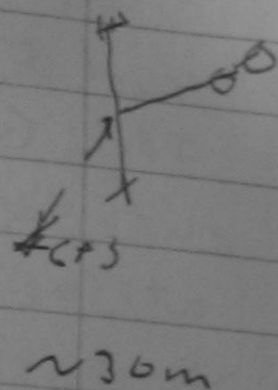
⊗ 7.4 m into ice done ~ 11:30

GPS Jan 2

Activated at 16:53
7.5 m into ice

Antennae at 121.5
above ice 122.0

4-5 m of slack



18:20 SMS3 - SmartCam

Drill Ice Cam at SMS3
zip tie JARI Powercables

Jarvis map of Chevallier / moulin
Glacier - hydrological conditions
on the Inland Ice north-east
of Jakobshavn / Ilulissat,
west Greenland

by

Hannik Højmark Thomsen,
Leif Thomsen and Royce J.
Braithwaite

Greenland's Geologiske Undersø-
gelse - Rapport Nr 138 - 1988

5/15

Science Town

- rewired my snow temp sensors

5-10 now wired to Channel 6, 7, 8, 9

@ 1500 Local

19:30 Leave S.C. for JAR/CAM site
Arrive JARI 20:25

Snowing / Rain

Drill hole in 2.10 m pit in 190
to depth of 5.5 meters

2 min per 10 cm to under

Temper Gauge ~140°

* The more seed water the better

* Return Sam

(-9)

5/16

Validated snow Temp - Pit

Depth	Temp	Resistance	Depth
10	-3.5	5.8	10
20	-6.5	5.7	20
30	-7.8	1.7	50
40	-8.3	0.7	70
50	-8.9	-0.01	90
60	-9.3		
70	-9.9		
80	-10.0		
90	-10.1		
100			

* First Thermistor is at 10 cm depth
then spaced by 20

5/17 Pull out

Sonic out on Sci Tower

Koni inventoried kitchen

Inventory

2 sm sleeves

1 Jar 1 must

2 Jar 2 sleeves

40 GPS sleeves

Norwegian Drill - Left in Sleep Tent

10 x 6 x 40.5

width x depth x length

2 stores (propag + Kerosene)

Benar seven, Jar 2 sleeves

2 Jar 2 masts

1 full drum

3 empty

Drill

2 yellow box

4 propane full outside

2 empty inside

3 GPS Poles

owl fruit

Takes 3 milk loads