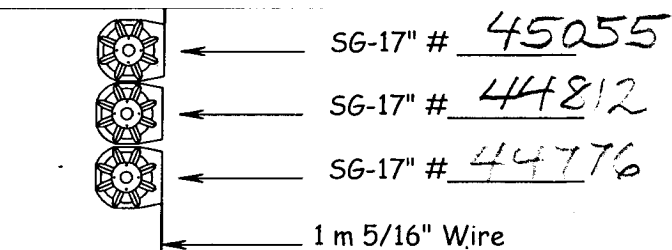
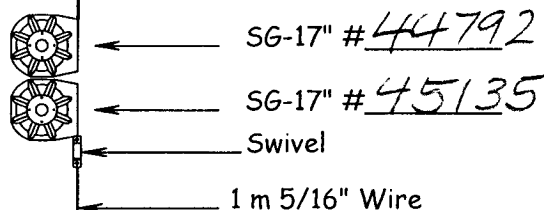


156.575



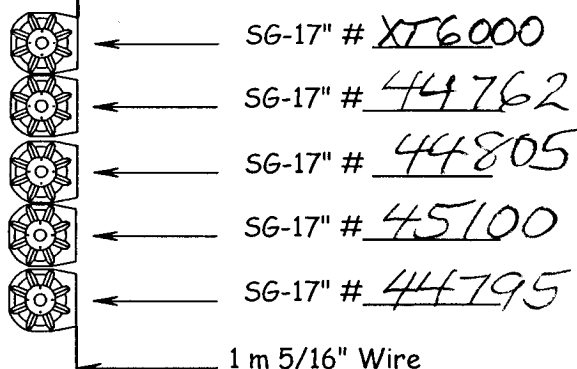
75 m → RCM-5 S/N 5970

41.75 m 1/4" Wire



30 m → RCM-5 S/N 10698

10.15 m 1/4" Wire



44740 TX=8kHz RX=15kHz

15 m → Sonetek RCM D215
RCM-5 S/N _____

1 m 5/16" Wire
Swivel

10910 EDRS RT661 B25 # 015
Release: ACDF
Rearm: CDFG
Range: Reply 8kHz

XPND ON = CDF

Tilt

10 m 1" Poly

2 m Heavy Chain

Anchor: 750 lbs
Dry Weight

ER03 - N3-A

Latitude: 117°53' 41.2'

IOS OCEAN PHYSICS

AANDERA CURRENT METER DEPLOYMENT AND RECOVERY RECORD

INSTRUMENT: RCMS SERIAL #: 5970 PST UTC, OTHER: _____
 TAPE SIZE: 384 PROJECT: _____ I(mA) _____

Channel #	Reading 1	Reading 2	Last Cal
1. Reference	<u>493</u>	<u>463</u>	
2. Temperature	<u>1023</u>	<u>1023</u>	
3. Conductivity	<u>0</u>	<u>0</u>	
4. Extemp/pressure	<u>1023</u>	<u>1023</u>	
5. Direction	<u>972</u>	<u>184</u>	
6. Speed	<u>5</u>	<u>6</u>	
Date: <u>July 24/03</u> Time: <u>0230 PST</u>	<u>1200 PST</u>		

Rotor Counter Information:

Rev/Count: 2
 F.S. = 24 Cm/S
 Rotor Switch: 2
 Rotor Type: PS

Sampling Interval: 60 MIN
 Pressure Sensor Range: _____ PSI
 Depth Max: _____ MAX
 Conductivity Range: _____ MMHO
 HI Res Temperature Range: -1.5 to 7.5

Depth: _____ TAPE ID: 5970/24
 Serial #: _____
 Compass Serial #: 9350
 Cell Serial #: _____

Channel #	Reading 1	Reading 2
1. Reference	<u>493</u>	
2. Temperature	<u>1023</u>	
3. Conductivity	<u>0</u>	
4. Extemp/pressure	<u>1023</u>	
5. Direction	<u>742</u>	
6. Speed	<u>0</u>	
Date: <u>July 8, 2004</u> Time: <u>1100 PST</u>		

TIME IN WATER: _____ DATE: July 24, 2003
 BAT VOLTAGE: 9.89 ON DEPLOYMENT
 CRUISE ID: 2003-26 DEPLOYED
 TECHNICIAN: LP

TIME IN WATER: 0909 PDT DATE: July 8, 2004
 BAT VOLTAGE: 8.82 ON RECOVERY
 CRUISE ID: 2004-22 RECOVERED
 TECHNICIAN: LP

NOTES:

Post cal HI res temp. LP Restarted on the hour
Cut / Advanced tape. LP.

IOS OCEAN PHYSICS

AANDERA CURRENT METER DEPLOYMENT AND RECOVERY RECORD

INSTRUMENT: RCM8 SERIAL #: 10698 PST UTC, OTHER: _____
 TAPE SIZE: DSU PROJECT: _____ I(mA) _____

Channel #	Reading1	Reading 2	Last Cal
1. Reference	<u>598</u>	<u>598</u>	
2. Temperature	<u>866</u>	<u>1003</u>	
3. Conductivity	<u>0</u>	<u>0</u>	
4. Extemp/pressure	<u>1223</u>	<u>1023</u>	
5. Direction	<u>67</u>	<u>951</u>	
6. Speed	<u>0</u>	<u>0</u>	
Date: <u>July 24/03</u> Time: <u>0730 PST</u>		<u>1400 PST</u>	

Rotor Counter Information:

Rev/Count: 2x AUG
 F.S. = _____ Cm/S
 Rotor Switch: 2
 Rotor Type: PW

Sampling Interval: 60 MIN Depth: _____ TAPE ID: 10698/4365/1
 Pressure Sensore Range: _____ PSI Serial #: _____
 Depth Max: _____ MAX Compass Serial #: 18207
 Conductivity Range: _____ MMHO Cell Serial #: _____
 HI Res Temperature Range: -1.6 → (+7.5)

Channel #	Reading1	Reading 2
1. Reference		
2. Temperature		
3. Conductivity		
4. Extemp/pressure		
5. Direction		
6. Speed		
Date: <u>July 8, 2004</u> Time: <u>1006 PST</u>		

TIME IN WATER: _____ DATE: July 24, 2003
 BAT VOLTAGE: 9.87 ON DEPLOYMENT
 CRUISE ID: 2003-26 DEPLOYED
 TECHNICIAN: LP

TIME IN WATER: 0909 PST DATE: July 8, 2004
 BAT VOLTAGE: 7.62 ON RECOVERY
 CRUISE ID: 2004-22 RECOVERED
 TECHNICIAN: LP

NOTES:

4 Pack lithium 9V Restarted on the hour - erased DSU.
Note: DSU only reads 3423 records ← this is
one of those rebatteried by ESI

Sontek Setup
Serial - D215
Mooring - Hotvents 2003

Battery Calculations

Battery Capability	Alkaline 35aH	Continuous Usage (days) 120	<-From P76 Manual
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Sample Interval (s)	900
Average Interval (s)	120
Duty Cycle(%)	13.33
Able to run (Days)	900
Memory (Days)	397.19

Updated time to
start @ Jul 25, 2003
@ 0600 PST.

Show conf

HARDWARE CONFIGURATION PARAMETERS

System Type ----- MD
Sensor serial # ----- D215
Sensor frequency - (kHz) ----- 1500
Number of beams ----- 3
Beam Geometry ----- 3_BEAMS
Vertical Beam ----- NO
Slant angle - (deg) ----- 45.0
Orientation ----- UP
Compass installed ----- YES
Recorder installed ----- YES
Temperature sensor ----- YES
Pressure sensor ----- NO
PressOffset - (dbar) ----- 0.000000
PressScale -- (dbar/count) ----- 0.000000
PressScale_2 - (pdbar/count^2) - 0
Ctd sensor ----- YES
Ext. Press. sensor ----- NONE
YSI sensor ----- NO
Waves Option ----- NO
>Show System

Note: Pack (battery)
died @ around
May 1, 2004
9/30 month.

CURRENT SYSTEM PARAMETERS

CPU Ver --- ARG 7.5
DSP Ver --- DSP 1.0
BoardRev -- REV E
Date ----- 2002/07/19
Time ----- 12:29:25
AutoSleep - YES
OutMode --- AUTO
OutFormat - ASCII