Mooring Deployment Record

Project Name:	Aquaculture		
Project Area:	Sutil Channel		
Mooring Name:	SC1-A	Station Name	SC1
Latitude:	50° 02.728'	Longitude:	125° 06.943'
Depth:	261 m datum	Tide:	+3.5m Campbell River
Mag. Declination:		Time Zone:	UTC
Date:	Jun. 18, 2012 UTC	Time:	0059
Remarks:			

Recovery

Date:	Oct. 18, 2012	Time:	1943 UTC
Remarks:			

Instruments

Type	Serial #	Depth	Time In:	Time Out	Notes
300 KHz	5588	46m			Plastic Hsg w external plastic
150 KHz 150	1588	251 m			

Releases

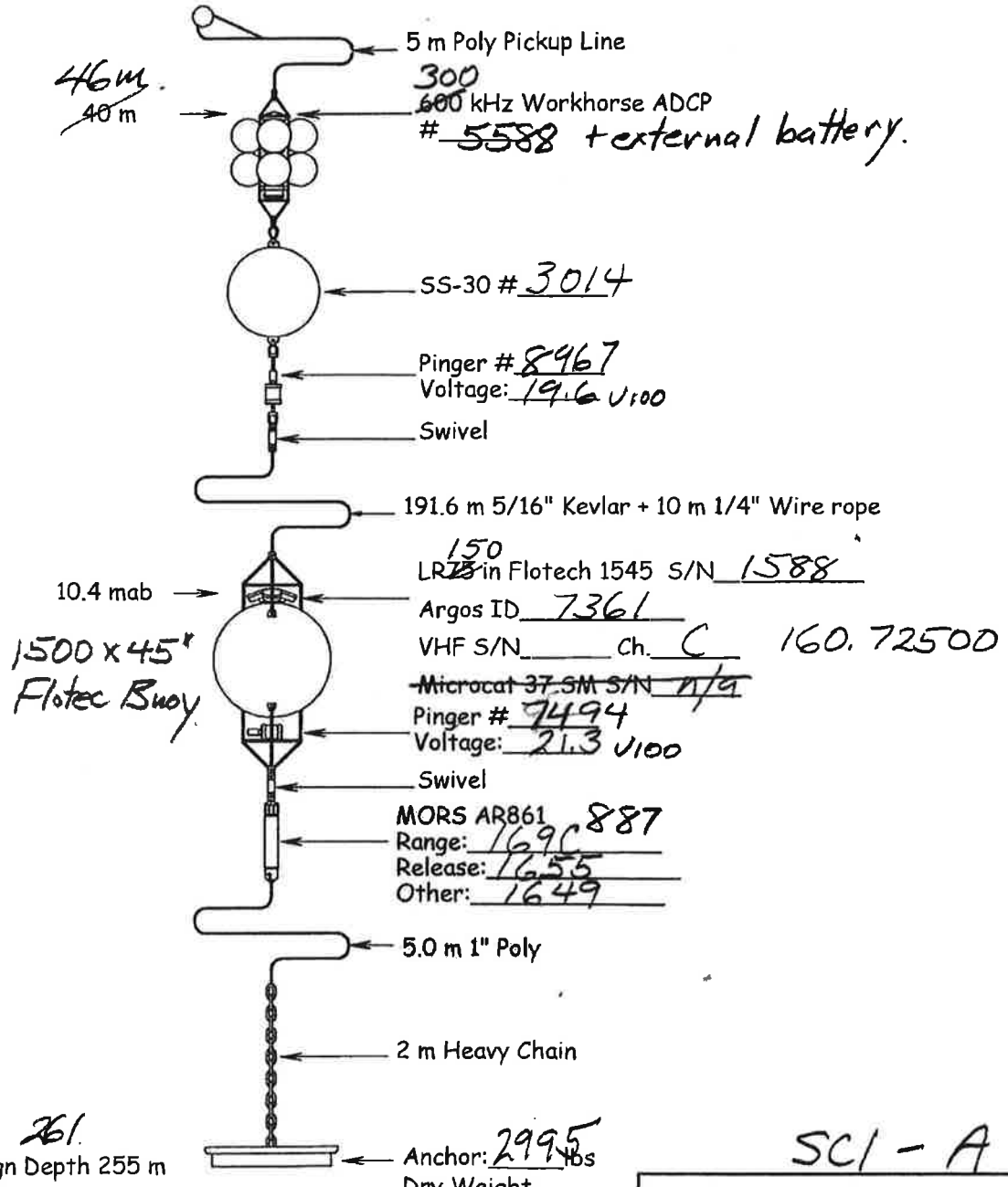
Release	Serial #	Range:	Release	Diag. Freq	Other
AR 861	887	169C	1655	1649	

Pingers

Pinger	Serial #	Voltage	Freq
Helle	8967	19.6 V100	27 kHz
Helle	7494	21.3 V100	27 kHz

Flotation

Type	Serial #	Size	Colour	Type	Serial #	Size	Colour
8 Viny + Frame			Orange				
Flotec	1545		"				



Actual 261.
Design Depth 255 m

SCI - A

~~Sutil~~ -

Latitude: 50° 2.728

Longitude 125° 6.943

Time: 0059 | Date: 18/06/2012

Depth: 264m - 3.5m = 260.5 datum

264 - 3.5 tide
Campbell River
= 260.5 → 261 m datum.

4 wheels

C:\Documents and Settings\spoard\My Documents\CADD Files\Drawings\Moorings\Discovery Passage\2012\Sutil-A.vod 5/28/2012

ADCP Deployment Sheet

INSTRUMENT

Serial Number: 5588

Pressure Sensor: ✓

Model: 300kHz

Depth Rating: 500 m

Batteries: 2x eternal

PARAMETERS

Number of Pings (WP): 134

Bin Size (WS): 4

Ensemble Interval (TE): 30 mins

Number of Bins (WN): 12

Time between Pings (TP): 13.43

Mode 1 Bandwidth (WB): 0

Profiling Mode (WM):

Pre-deployment tests: ✓

Time Zone: UTC

Compass Calibration: —

Start (TF): June 17, 2012 @ 2000 UTC

DEPLOYMENT

Station: SC1-A

Cruise Number: 2012-31

Latitude:

Water Depth:

Longitude:

Instrument Depth:

Time and Date in Water:

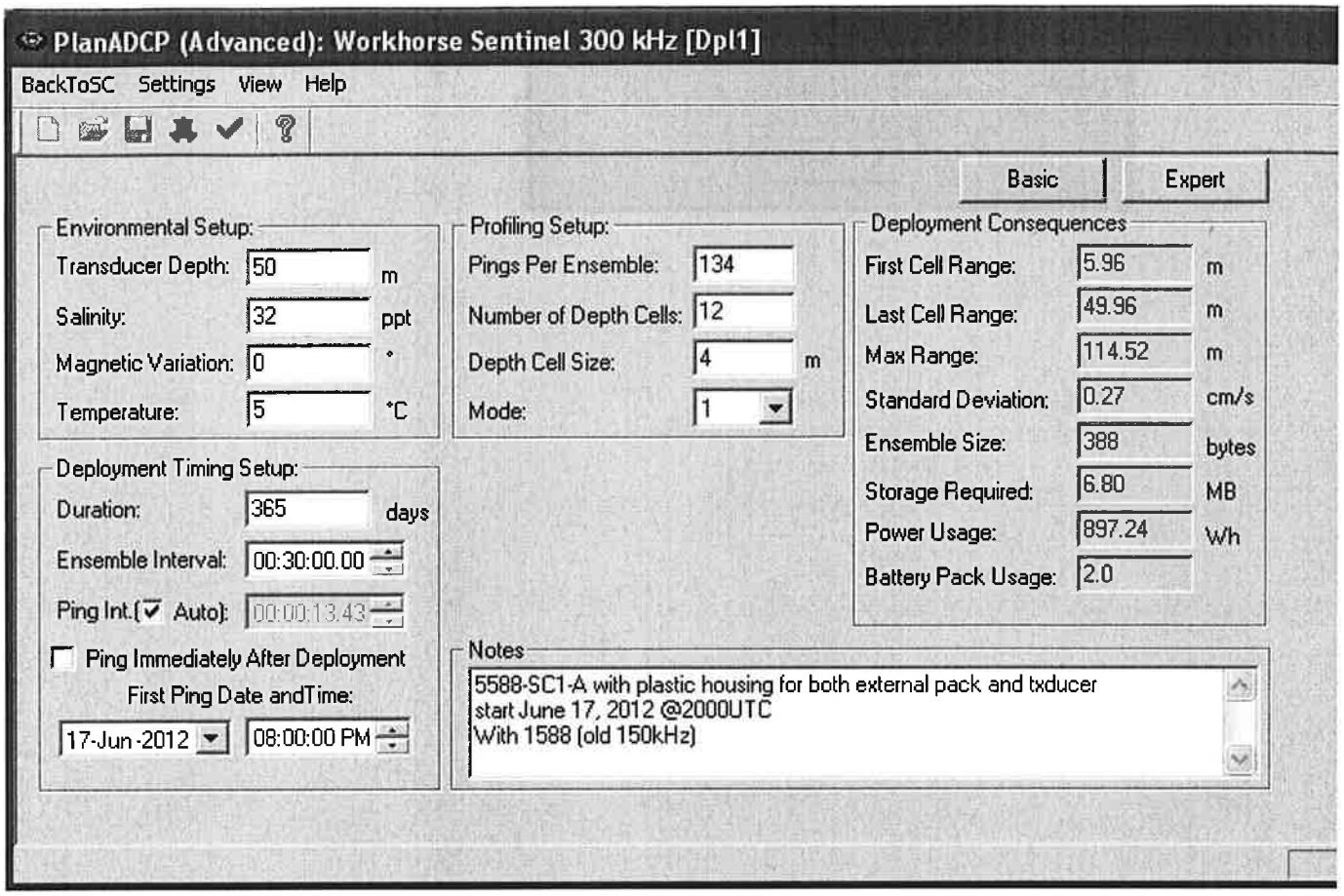
Comments: 50 m to surface with 1588 Plastic housing with plastic external

Completed by:

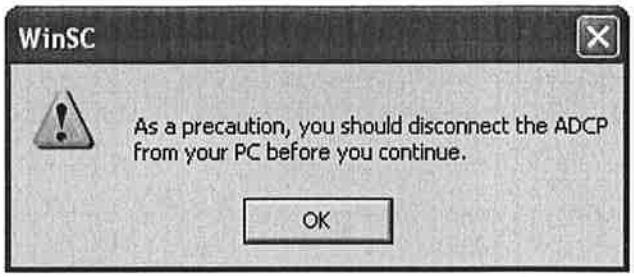
Date:

~~ADCP dep.xls SFM~~

5588-SC1-A



CR1
CF11101
EA0
EB0
ED500
ES32
EX11111
EZ1111111
WB0
WD111100000
WF176
WN12
WP134
WS400
WV170
TE00:30:00.00
TP00:13.43
TF12/06/17 20:00:00
CK
CS


WinSC
As a precaution, you should disconnect the ADCP from your PC before you continue.
OK

ADCP Deployment Sheet

INSTRUMENT

Serial Number: 1588
Pressure Sensor: —
Model: 150 KHz
Depth Rating:
Batteries: Fabricated cells x 5

PARAMETERS

Number of Pings (WP): 50
Bin Size (WS): 4
Ensemble Interval (TE): 1 hr (3600s)
Number of Bins (WN): 62
Time between Pings (TP): 00:24.00
Mode 1 Bandwidth (WB): 2 (Narrow)
Profiling Mode (WM): 1
Pre-deployment tests: ✓
Time Zone:
Compass Calibration: —
Start (TF): June 17, 2012 @ 2000 UTC

DEPLOYMENT

Station: SC1-A
Cruise Number: 2012-31
Latitude:
Water Depth:
Longitude:
Instrument Depth:
Time and Date in Water:

Comments: - Pay attention to beam 4 on recovery. See Pre deployment tests. CP
- Programmed on OID computer using BBTalk

Completed by:
Date:
ADCP dep.xls SFM

SCI-A. Jan. 17, 2012

5m pick up line + float ½" ø

8 Viny Frame

ADCP 300 5588 + external battery

½" ø 5/8" sling ½" ø

SS 30 3014 ½" ø ½" ø swivel ½" ø

Pinger 8967 19.6 v100 ½" ø

10 m ¼" wire 7/16" ø

191.6 m ¼" kevlar. 7/16" ø ½" ø

1500 45" Flotec

VHF Chan. C

Argos 7361

Pinger 7494 21.6 v100

½" ø ½" ø swivel ½" ø 5/8" ø

AR8d #887 drop link

5m 1" poly 7/8" ø

4 wheels + 2m chain ·2995 lbs.

This page is for any notes or observations

Date	Time PDT	
Jun 17	- 0730	- en route to Sutil + Calm moorings.
		- preparing both moorings
		- much discussion led to decision to deploy a 300 kHz + old 150 kHz at Sutil and 300 kHz + new 150 kHz at Calm Channel
		- long steam + had BBQ. - packing up also taking place for quick offload. → reserved flat deck + pick up truck
	- 1730	- on station SCI-A for deployment
	- 1759	- deployed SCI-A in 264 m depth at 50° 02.728' 125° 06.943'
		- steam to CALM-A for deployment
2010		- deployed CALMA in 348 m 50° 19.602' 125° 05.776'
		- ship over-shot selected mark at 360 m.
		- this deployment was too shallow as a result.
	- 2030	- steam to I.O.S. - arriving just after lunch. ETA
Jun 18	- 0730	- en route I.O.S - packing up
	- 1200	- tie up - offloading commences
	- 1600	- all offloaded.