DEPLOYMENT RECORD

Project Name: Aquaculture 4 Start Date: Oct. 2006 End Date: Apr. 2007
Mooring Name: SutChan-01 Station Name: SutChan

Geog. Desc.: Sutlej Channel Tide: +3 Sullivan Bay
Latitude: 50°52.766' Longitude: 126°44.701
Water Depth: 202 m datum Ice Thickness: /
Magnetic decl: / Time Zone: PDT Anchor Type: 3 wheels 2300 lbs
Date: Oct. 18, 2006 Time Anchor Dropped: 1549 PDT Date:
Remarks:

RECOVERY RECORD

Date: Mar. 28, 2007 Time Anchor Released: 0800 PDT
Remarks:

INSTRUMENTS (Start at TOP)

Type	Serial #	Depth	Time in	Time Out	Notes
WH300	2275	37m	1535	PDT	
RCM 4	8830	47	1537	PDT	
RCM 4	1500	97	1539	PDT	
RCM 4	638	147			
RCM 4	7897	197		launch at 1549 PDT	

Argos 4995

Release	Serial	R Code	Arm Code	Freq	On/Off	B0	B1	Aux Codes
AR191	150	B532 RLS	B531 RNG	FR1	TT301	*	81	

Pinger 1	Type	Serial	Pinger 2	Type	Serial	Battery Volt	
Helle	1/4×27	6571	Helle	1/4×27	9401	20.3 V100	19.0 V100

FLOTATION

Type	Serial #	Size	Colour
SS30	2591	30"	yellow
ADCP	4 Vinyl frame	36"	orange
SS28	M486		
SS28	2474		
SS28	2569		
SS28	210		

Type	Serial #	Size	Colour

Data Entry by:

*- also battery terminals too loose.

- cycling on app. 5min even though set to 30min.
- 1/4 of tape used up.
- channel selector not moving.
- turned it off.

Repaired by D.A + T.J.

IOS OCEAN PHYSICS

AANDERA CURRENT METER DEPLOYMENT AND RECOVERY RECORD

INSTRUMENT: RCM4 SERIAL #: 7897 PST, UTC, OTHER: _____
TAPE SIZE: 3 1/4" PROJECT: Aquaculture I(mA) _____

turned on 1330 PST 17/10/2006

Channel #	Reading1	Reading 2	Last Cal
1. Reference	365		
2. Temperature	958	observed cycled T.J.	
3. Conductivity	259		
4. Extemp/pressure	1023		
5. Direction	887		
6. Speed	6		
Date: Oct 10/06 Time:	1230 PST	1400 PST 17/10/2006	

Rotor Counter Information:
Rev/Count: 4
F.S.= _____ Cm/S
Rotor Switch: 4
Rotor Type: S

no reader
* installed new degreased tape

no tape id#

Sampling Interval: 30 MIN
Pressure Sensore Range: _____ PSI
Depth Max: 2000 MAX
Conductivity Range: 24-44 MMHO
HI Res Temperature Range: 4-12

Depth: 147
Serial #: _____
Compass Serial #: 12970
Cell Serial #: 7875

TAPE ID: 7577/20

temp. ID 7897/2006-33

Channel #	Reading1	Reading 2
1. Reference	364	
2. Temperature	754	
3. Conductivity	0	
4. Extemp/pressure	1023	
5. Direction	783	
6. Speed	13	
Date: March 28/07 Time:	0830 PST	

TIME IN WATER: 1549 PDT DATE: Oct. 18 2006
9.01 BAT VOLTAGE: 9.81 ON DEPLOYMENT
CRUISE ID: _____ DEPLOYED
TECHNICIAN: LP

TIME OUT WATER: _____ DATE: March 28/07
BAT VOLTAGE: _____ ON RECOVERY
CRUISE ID: 2007-11 RECOVERED
TECHNICIAN: LP

NOTES: 4 x LITH.

IOS OCEAN PHYSICS

AANDERA CURRENT METER DEPLOYMENT AND RECOVERY RECORD

INSTRUMENT: RCM4 SERIAL #: 638 PST, UTC, OTHER:
TAPE SIZE: 3½" PROJECT: Aquaculture I(mA)

Channel #	Reading1	Reading 2	Last Cal
1. Reference	351		
2. Temperature	1012	observed	observed
3. Conductivity	257	cycled	cycled
4. Extemp/pressure	61	T.J	T.J
5. Direction	656		
6. Speed	16		
Date: Oct 10/06 Time:	1000PST	0800 PST 17/10/2006 no reader	0830 PST 17/10/2006

Rotor Counter Information:
Rev/Count: 4
F.S.= 94 Cm/S
Rotor Switch: 4
Rotor Type: 5

no tape id.#

Sampling Interval: 30 MIN
Pressure Sensore Range: 1000 PSI
Depth Max: 720 MAX
Conductivity Range: 24-44 MMHO
HI Res Temperature Range:

Depth: 147 m TAPE ID: 638/ 700
Serial #: 50120-52
Compass Serial #: 19851
Cell Serial #: 4337

Channel #	Reading1	Reading 2
1. Reference	351	
2. Temperature	674	
3. Conductivity	0	
4. Extemp/pressure	62	
5. Direction	891	
6. Speed	1	
Date: March 28/07 Time:	0852 PST	

temp. alternate id 638/2006-33

TIME IN WATER: 1549 PDT DATE: Oct. 18, 2006
BAT VOLTAGE: 9.86 ON DEPLOYMENT
CRUISE ID: 2006-33 DEPLOYED
TECHNICIAN: CP

TIME OUT WATER: DATE: March 28/07
BAT VOLTAGE: 8.66 ON RECOVERY
CRUISE ID: 2007-11 RECOVERED
TECHNICIAN: CP

NOTES: 4x LSI Hyam

SutChan - 01

IOS OCEAN PHYSICS

AANDERA CURRENT METER DEPLOYMENT AND RECOVERY RECORD

INSTRUMENT: RCM4 SERIAL #: 1500 PST, UTC, OTHER: _____
TAPE SIZE: 3 1/4" PROJECT: Aquaculture I(mA) _____

Channel #	Reading1	Reading 2	Last Cal
1. Reference			
2. Temperature		observed	
3. Conductivity		speed	
4. Extemp/pressure			
5. Direction			
6. Speed			
Date: 18/10/2006 Time:	0900 PST	0930 PST	

turned on.

no reader available.
no translater on beavel.

Rotor Counter Information:
Rev/Count: 4
F.S.= _____ Cm/S
Rotor Switch: 4
Rotor Type: Sav.

Sampling Interval: 30 MIN (7)
Pressure Sensore Range: 500 PSI
Depth Max: ≥ 350m MAX
Conductivity Range: 24-44 MMHO
HI Res Temperature Range: _____

97m
Depth: ≈ 100m TAPE ID: 1500/2006 -33
Serial #: 5072-9
Compass Serial #: 2195
Cell Serial #: 4096

Channel #	Reading1	Reading 2
1. Reference	730	
2. Temperature	641	
3. Conductivity	0	
4. Extemp/pressure	52	
5. Direction	610	
6. Speed	2	
Date: March 28/07 Time:	0859 PST	

TIME IN WATER: 549 PDT DATE: 18/10/2006
* BAT VOLTAGE: 9.81 ON DEPLOYMENT
CRUISE ID: 2006-33 DEPLOYED
TECHNICIAN: T.S.

TIME OUT WATER: _____ DATE: March 28/07
BAT VOLTAGE: 8.78 ON RECOVERY
CRUISE ID: 2007-11 RECOVERED
TECHNICIAN: LP

NOTES: * 4 x lithium 9volt battery made 17/10/2006

IOS OCEAN PHYSICS

AANDERA CURRENT METER DEPLOYMENT AND RECOVERY RECORD

INSTRUMENT: RCM4 SERIAL #: 8830 PST, UTC, OTHER: _____
TAPE SIZE: _____ PROJECT: Aquaculture I(mA) _____

Channel #	Reading1	Reading 2	Last Cal
1. Reference	124		
2. Temperature	1023	observed	observed
3. Conductivity	256	cycled	cycled
4. Extemp/pressure	55	T.J.	T.J.
5. Direction	403		
6. Speed	3		
Date: Oct 12/06 Time:	1500 PST	0830 PST 17/10/2006	0900 PST 17/10/2006

no reader.

Rotor Counter Information:
Rev/Count: 4
F.S.= _____ Cm/S
Rotor Switch: 4
Rotor Type: PW

no tape id. #

Sampling Interval: 30 MIN
Pressure Sensore Range: 500 PSI
Depth Max: 368 MAX
Conductivity Range: 24-44 MMHO
HI Res Temperature Range: _____

Depth: 47m. TAPE ID: 8830/20
Serial #: 53046-6
Compass Serial #: 15826
Cell Serial #: 4734

temp id. 8830/2006-33

Channel #	Reading1	Reading 2
1. Reference	123	
2. Temperature	702	
3. Conductivity	0	
4. Extemp/pressure	56	
5. Direction	800	
6. Speed	0	
Date: March 28/07 Time:	0830 PST	

TIME IN WATER: 1549 PDT DATE: Oct. 18, 2006
BAT VOLTAGE: 9.87 ON DEPLOYMENT
CRUISE ID: 2006-33 DEPLOYED
TECHNICIAN: LP.

TIME OUT WATER: _____ DATE: March 28/07
BAT VOLTAGE: 8.72 ON RECOVERY
CRUISE ID: 2007-11 RECOVERED
TECHNICIAN: _____

NOTES: 4X LITHIUM

ADCP Deployment Sheet

Instrument:

Serial Number: 2275 | Pressure Sensor: YES

Model: WH 300 | Depth Rating: 1000m

Batteries: EXTERNAL CASE DEPTH RATED TO 200m WITH TWO BATTERY PACKS

Parameters:

Number of Pings (WP): 105 | Bin Size (WS): 50 cm

Ensemble Interval (TE): 10 min | Number of Bins (WN): 50

Time between Pings (TP): AUTO | Mode 1 Bandwidth (WB): BROAD BAND

Profiling Mode (WM): 1 | Pre-deployment tests: YES

Time Zone: UTC | Compass Calibration: NO

Start (TF): 2150, 18 OCTOBER 2006

Deployment:

Station: SUT-01 | Cruise Number: 2006-33

Latitude: 50° 52.766' N | Water Depth: ~~205~~ m 202 datum

Longitude: 126° 44.701 W | Instrument Depth: ~~40~~ m 37m

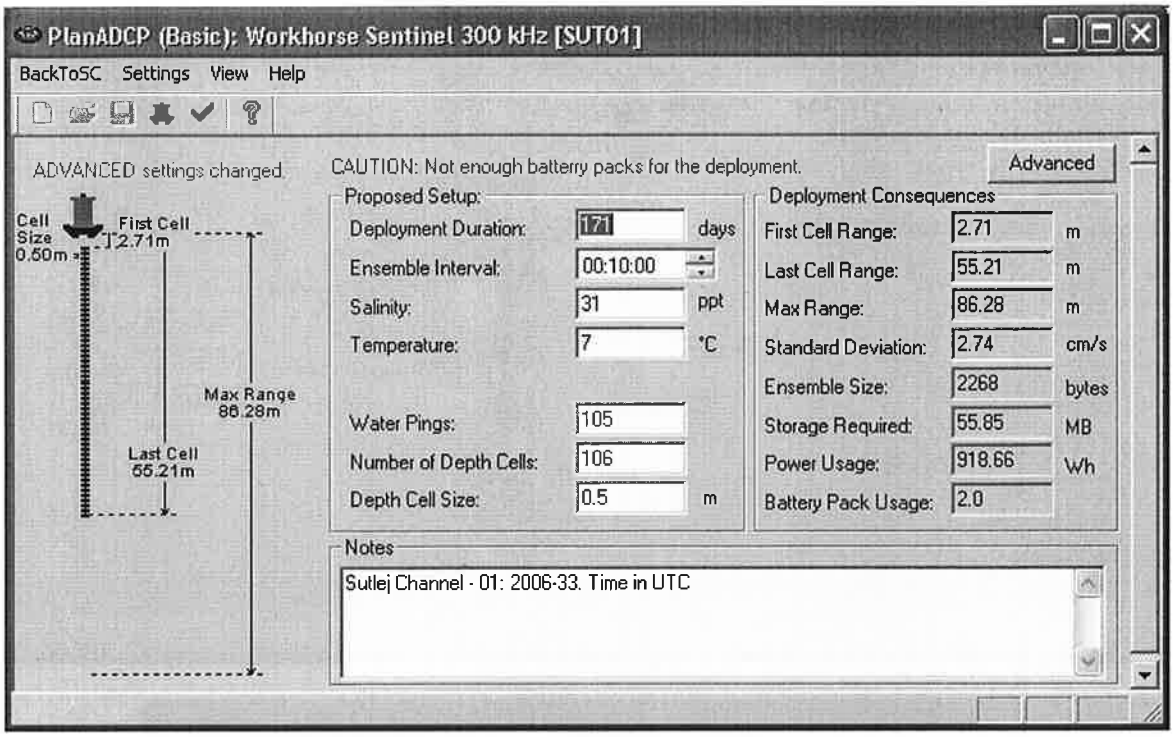
Time and Date in Water: 2249, 18 OCTOBER 2006 UTC

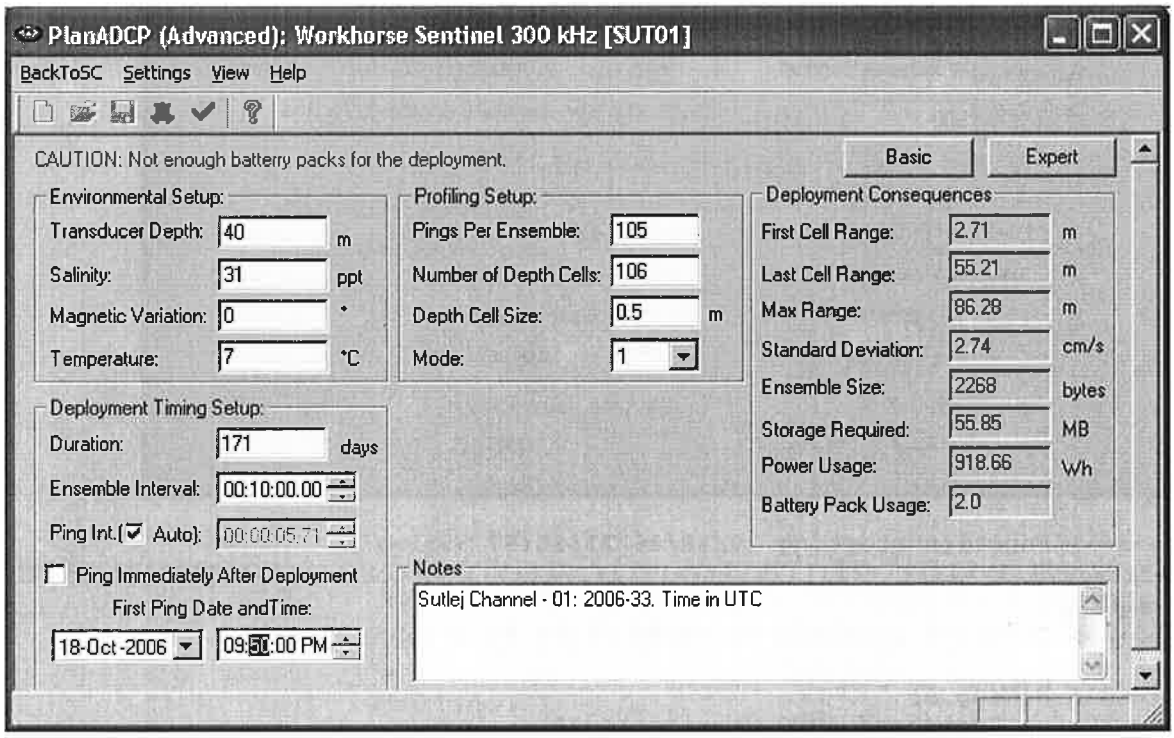
Comments: REPLACES 5588. EXT BATTERY PACK REBATTERIED, BATTERY CABLE REPLACE WITH NEW ONE.

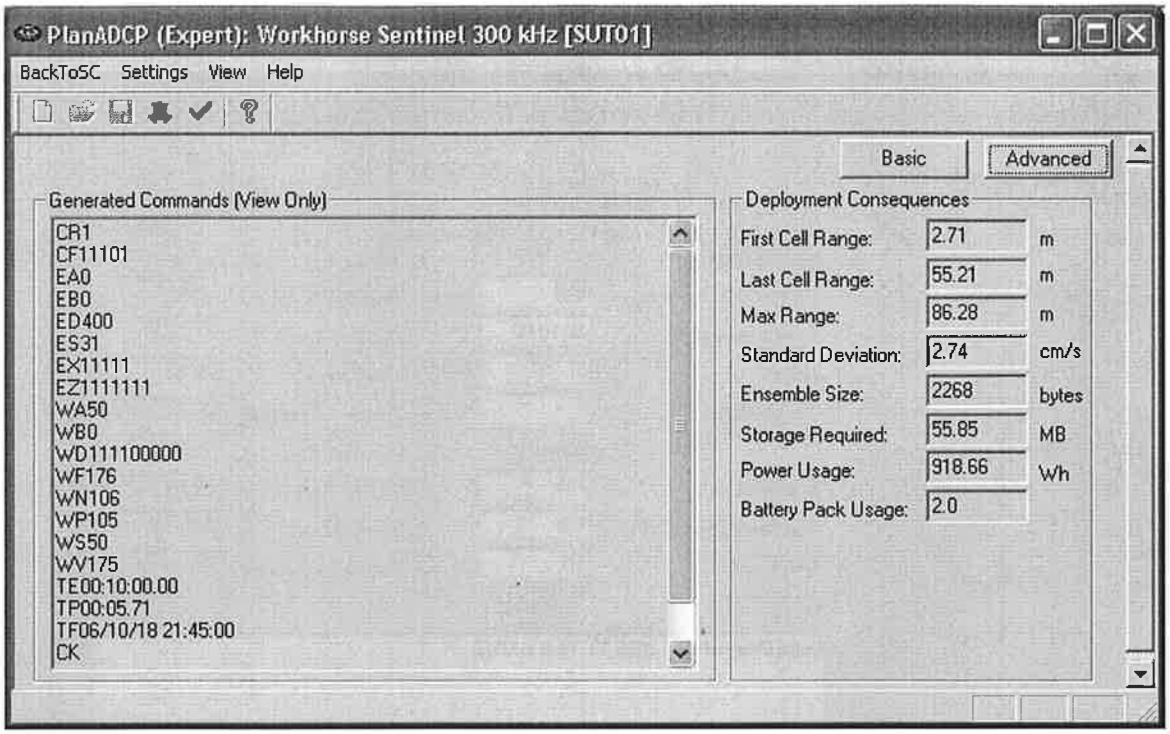
DEPLOYMENT FILES IN: 2006-33\RECOVERIES\SUT-01

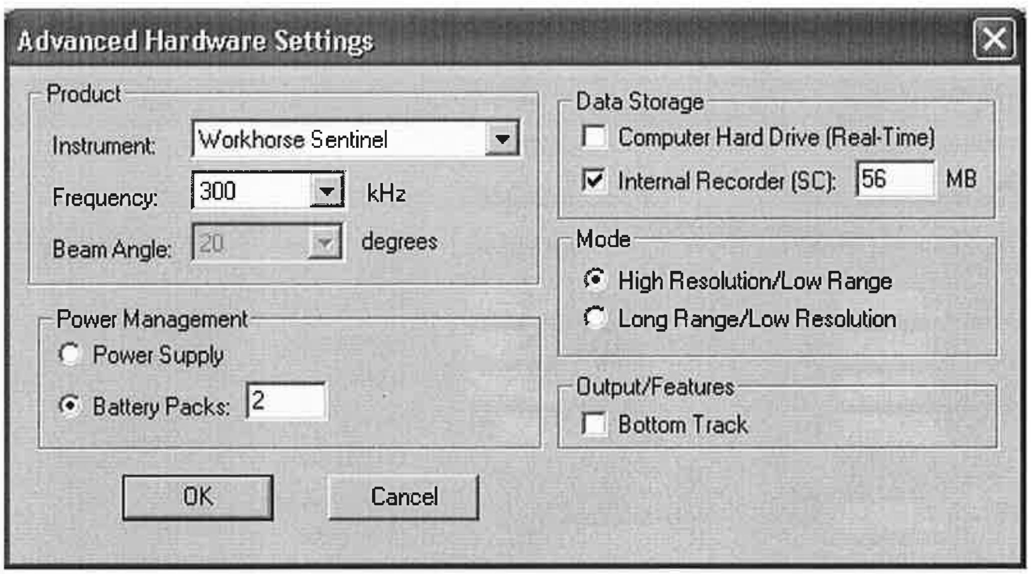
ADCP-dep.xls SFM

WH300, Sutlej Channel, 18 October 2006 – Screen Shots










```
>>>>>> Function starting 10/18/06 21:35:57 >>>>>>
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□
>>>>>> Function starting 10/18/06 21:36:58 >>>>>>

[BREAK Wakeup A]
WorkHorse Broadband ADCP Version 16.20
RD Instruments (c) 1996-2001
All Rights Reserved.
>TS061018213702
>CZ
```

```
Powering Down

>>>>>> Function starting 10/18/06 21:38:15 >>>>>>

[BREAK Wakeup A]
WorkHorse Broadband ADCP Version 16.20
RD Instruments (c) 1996-2001
All Rights Reserved.
>CR1
[Parameters set to FACTORY defaults]
>CF11101
>EA0
>EB0
>ED400
>ES31
>EX11111
>EZ1111111
>WA50
>WB0
>WD111100000
>WF176
>WN106
>WP105
>WS50
>WV175
>TE00:10:00.00
>TP00:05.71
>TF06/10/18 21:45:00
>CK
[Parameters saved as USER defaults]
>The command CS is not allowed in this command file.  It has been
ignored.
>The following commands are generated by this program:
>CF?
CF = 11101 ---------------- Flow Ctrl (EnsCyc;PngCyc;Binry;Ser;Rec)
>CF11101
>RN SUT01
>cs

>>>>>> Function starting 10/18/06 21:42:21 >>>>>>

[BREAK Wakeup A]
WorkHorse Broadband ADCP Version 16.20
RD Instruments (c) 1996-2001
All Rights Reserved.
>TS061018214225
>CZ

Powering Down

>>>>>> Function starting 10/18/06 21:42:37 >>>>>>

[BREAK Wakeup A]
WorkHorse Broadband ADCP Version 16.20
RD Instruments (c) 1996-2001
All Rights Reserved.
>CR1
```

```
[Parameters set to FACTORY defaults]
>CF11101
>EA0
>EB0
>ED400
>ES31
>EX11111
>EZ1111111
>WA50
>WB0
>WD111100000
>WF176
>WN106
>WP105
>WS50
>WV175
>TE00:10:00.00
>TP00:05.71
>TF06/10/18 21:50:00
>CK
[Parameters saved as USER defaults]
>The command CS is not allowed in this command file.  It has been
ignored.
>The following commands are generated by this program:
>CF?
CF = 11101 ---------------- Flow Ctrl (EnsCyc;PngCyc;Binry;Ser;Rec)
>CF11101
>RN SUT01
>cs
```