

Mooring Deployment Record

Project Name: <i>Aquaculture</i>	
Project Area: <i>OK, 50% Chan</i>	Station Name: <i>OC1</i>
Mooring Name: <i>OC1-B</i>	Longitude: <i>125 17.935</i>
Latitude: <i>50 18.437</i>	Tide: <i>Owen Bay + 0.5m</i>
Depth: <i>116m #8</i>	Time Zone: <i>UTC</i>
Mag. Declination:	Time: <i>1624</i>
Date: <i>May 16, 2011</i>	
Remarks:	

Recovery

Date: <i>Jun May 10, 2012</i>	Time: <i>1122 PDT</i>
Remarks: <i>recovered without incident.</i>	

Instruments

Type	Serial #	Depth	Time In:	Time Out	Notes
WH600	1820	40.5m			
WH300	5588	105m 105.5m			

Releases

Release	Serial #	Range:	Release	Freq	Other
AR861	730	1680	1655	12 kHz	1649

Pingers

No Argos.

Pinger	Serial #	Voltage	Freq
Helle	8002	18.1	27 kHz
Helle	9026	19.7	27 kHz

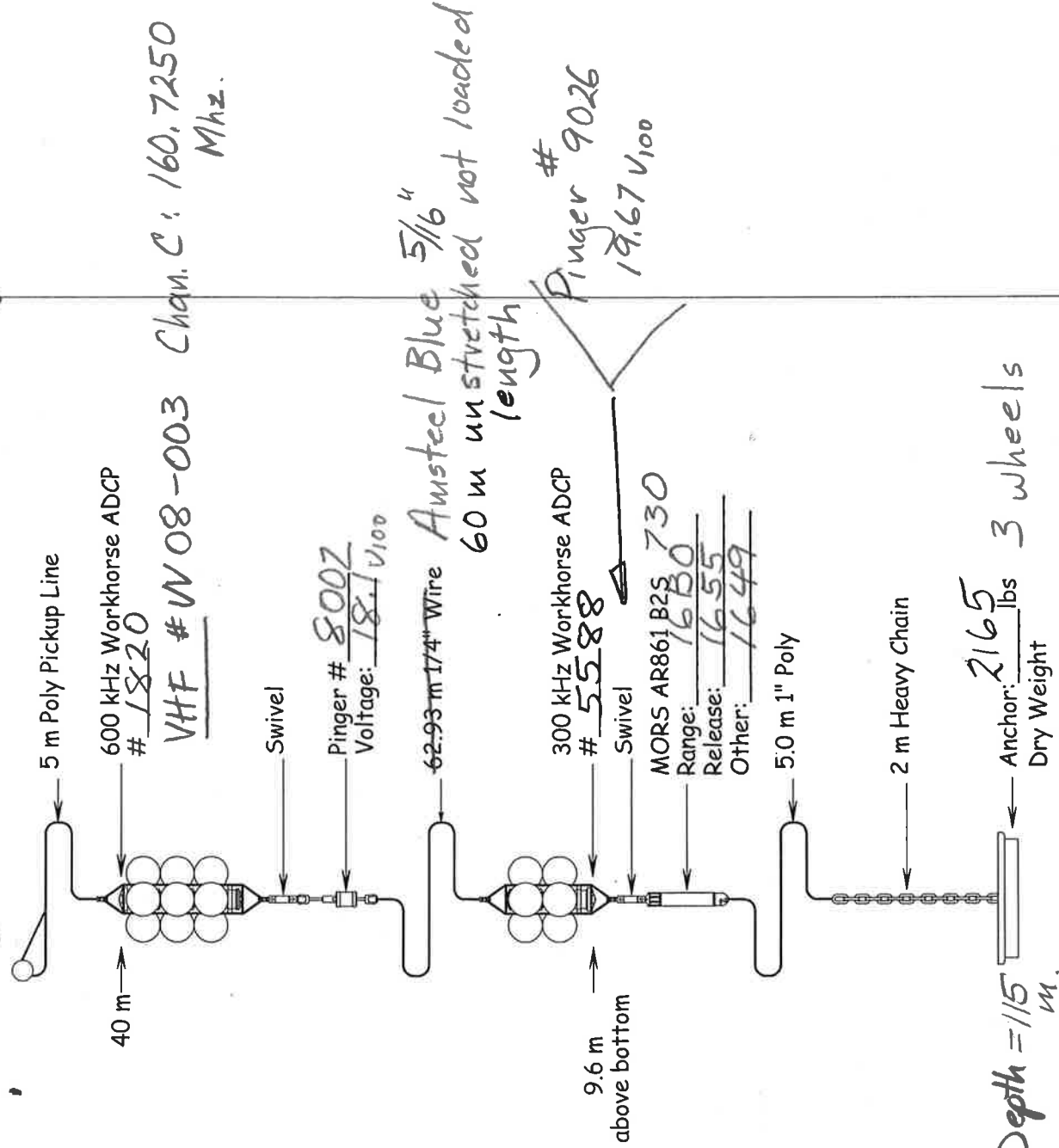
Flotation

Type	Serial #	Size	Colour	Type	Serial #	Size	Colour
12 Vinyl cluster + frame			orange				
8 Vinyl cluster + frame			orange				

** on recovery
5.1.3.7, +5138.*

*12 Vinyl cluster + frame
8 Vinyl cluster + frame*

NB: no float. 5m line/loop only.
No Angles.



Design Depth = 115 m.

116 - .5m = 115.5 m
datum.

OCI-B
Latitude: 50° 18.437
Longitude 125° 17.935
Time: 16:24 UTC Date: 16/05/2011
Depth: 116 m

QC 1-B Deck Check

May 16, 2011

5 m poly line $\frac{1}{2}\phi$

$\frac{5}{8}$ SS Frame w 12 Vines

WH300

$\frac{1}{2}\phi$

Rings 8002 18.1 V₁₀₀ $\frac{7}{16}\phi$ Swivel $\frac{7}{16}\phi$ $\frac{7}{16}\phi$

60 m $\frac{5}{16}$ Ansteel Blue $\frac{7}{16}\phi$ $\frac{1}{2}\phi$

WH300 558 in SS Frame w 8 Vines
 $\frac{1}{2}\phi$

Rings 9026 19.7 V₁₀₀ $\frac{7}{16}\phi$ Swivel $\frac{7}{16}\phi$ $\frac{5}{8}\phi$

AR 861 730

5 m¹ poly $\frac{7}{8}\phi$

2165 16 Anchor w 2 m Chain

Date Time (PDT)

May 16 0700 - we are on station DCI for deployment of mooring DCI-B in the same configuration

0924 - launched DCI-B in 116m depth at
 - 50° 18.437' 125° 17.935'
 - clear + calm

1255 - prepared mooring DCI-A
 - deployed DCI-A at 50° 26.895' in 141m depth
 1250 25.5678

1305 - head out for Cape St. James.
 - steaming app 22 hrs
 - servicing instruments + trouble shooting systems.

May 17

0800 - still steaming to Cape St. James
 - ETA to CSTI-D 1400 hrs.

1300 - completed boat + fire drill en route.

1419 - approaching CSTI-D - no conclusive ranges app. / run away

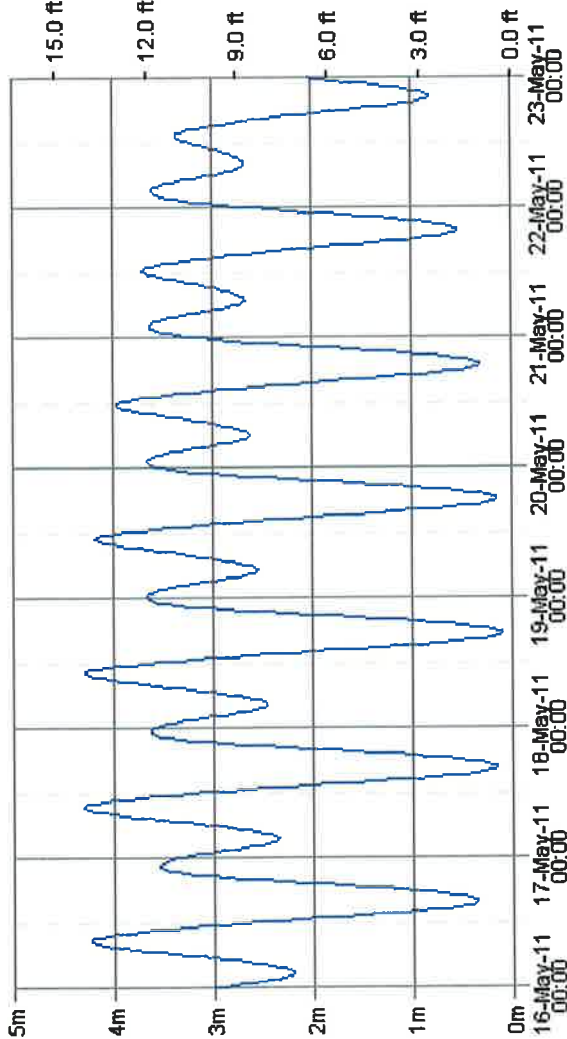
1429 - stopping over morning

1440 - ranges 151-154-169 -

1444 - ranges 295-296

sent release gof rec'd + executed - 1445(PDT) on surface.

Owen Bay (Station #8120)
7 days Tidal Prediction
Time Zone : UTC - Reference : Chart Datum



N.B. The whole 7 days data are available in table and text formats.

Source: <http://www.tides.gc.ca/>

Print

ADCP Deployment Sheet

INSTRUMENT	
Serial Number: <u>1920</u>	Pressure Sensor: _____
Model: <u>600kHz</u>	Depth Rating: _____
Batteries: <u>2x 6023</u> <u>(Delrin Cases)</u>	
PARAMETERS	
Number of Pings (WP): <u>175</u>	Bin Size (WS): <u>0.5 m/s</u>
Ensemble Interval (TE): <u>30 mins</u>	Number of Bins (WN): <u>90</u>
Time between Pings (TP): _____	Mode 1 Bandwidth (WB): <u>WB Ø</u>
Profiling Mode (WVM): _____	Pre-deployment tests: <u>PASS</u>
Time Zone: <u>UTC</u>	Compass Calibration: <u>µ</u>
Start (TF): <u>May 16, 2011 @ 2000 UTC</u>	
DEPLOYMENT	
Station: <u>OC1-B</u>	Cruise Number: <u>290-44</u> ⁴⁴
Latitude: _____	Water Depth: <u>115</u>
Longitude: _____	Instrument Depth: <u>40</u>
Time and Date in Water: <u>1624 UTC May 16, 2011</u>	
Comments: <u>Had a broken Power Pin. Produced</u>	
<u>22 data sets as a result. One file was 11MB</u>	
<u>which is about 6 months of data</u>	
Completed by: _____	
Date: _____	
ADCP dep.xls SFM	

ADCP Deployment Sheet

INSTRUMENT			
Serial Number:	5588	Stuechi ADCP	Pressure Sensor:
Model:	300 kHz		Depth Rating:
Batteries:	2x 6023 (external housing)		
PARAMETERS			
Number of Pings (WP):	112	Bin Size (M)	
Ensemble Interval (TE):	30	Number of Bins:	
Time between Pings (TP):		Mode 1 Bandwidth	
Profiling Mode (WVM):	BE	Pre-deployment test	
Time Zone:	UTC	Compass Calibration:	N
Start (TF):			
DEPLOYMENT			
Station:	OC1-B	Cruise Number:	44 2011-44
Latitude:		Water Depth:	115 115
Longitude:		Instrument Depth:	105
Time and Date in Water:	1624 UTC May 16, 2011		
Comments:			
Cage wasn't tight around instrument upon recovery. But feeling indicates instrument didn't move. LP			
Completed by:			
Date:			
ADCP-dep.xls SFM			

Date Time PDT

This page is for any notes or observations

Jun. 10

1044 - approaching CCI-B

- ranges started at 309m and progressed down to 136

1118 - on top of mooring

- range 136m saw top component at 40m on sounder.

- move off to release

1122 - 170-178 sent release code got rec'd + executed.

- release has lots of crevice corrosion product.

- sighted on surface

1135 - all on board heading for CCI-A recovery

release 730
diagnostic on
recovery =
5.1.3.7.
5.1.3.8

1352 - approaching CCI-A for recovery

- received it at 865 → 762 m range. → 195 m.

1409 - stopped over mooring. 168-169 - 164 - 162 - 161

1411 - sent release rec'd confirmation - rec'd + executed range at 199m - rose app 100m

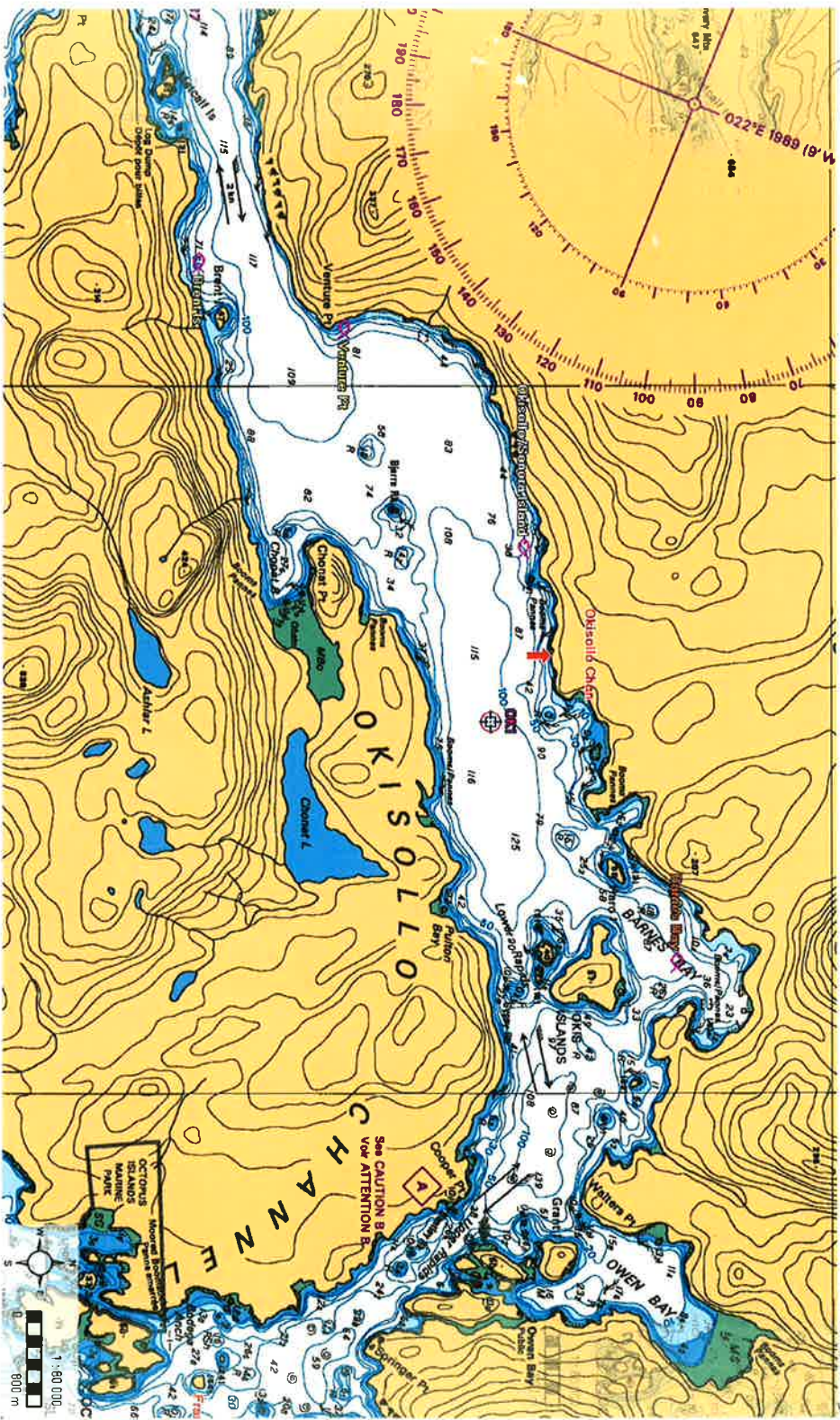
1414 - sighted on surface

1425 - all on board

- checked data from ADCP #7592 - it was plotted and looked good

1500 - departed for deployment at TII

release 732
diagnostic on
recovery =
5.1.6.0.



1:60,000

Top Map

Scale 1:60,000