

Mooring Deployment Record

Project Name:	Aquaculture		
Project Area:	Discovery Passage		
Mooring Name:	DPI-C/	Station Name	DPI
Latitude:	50° 18.255'	Longitude:	125° 25.346'
Depth:	238m - 3m = 235m (whit)	Latitude:	+ 3m Chatham Point.
Mag. Declination:		Time Zone:	UTC
Date:	17/09/2010	Time:	1939 PDT → 0239 UTC
Remarks:	(16/09/2010)		

Recovery

Date:	May 15 2011	PDT.	Time:	1334 PDT
Remarks:	mooring partially recovered on station without problem from release - see notes on drawing			

Instruments b) missing portion found adrift in Saint Vincent Bight by C. G. Reid and returned Aug 2, 2011.

Type	Serial #	Depth	Time In:	Time Out	Notes
WH300	3566	40m.			← / new pack inside
LR150	7592	225m.			

Releases

Release	Serial #	Range:	Release	Freq	Other
AK 861	739	16B2	1655		1649

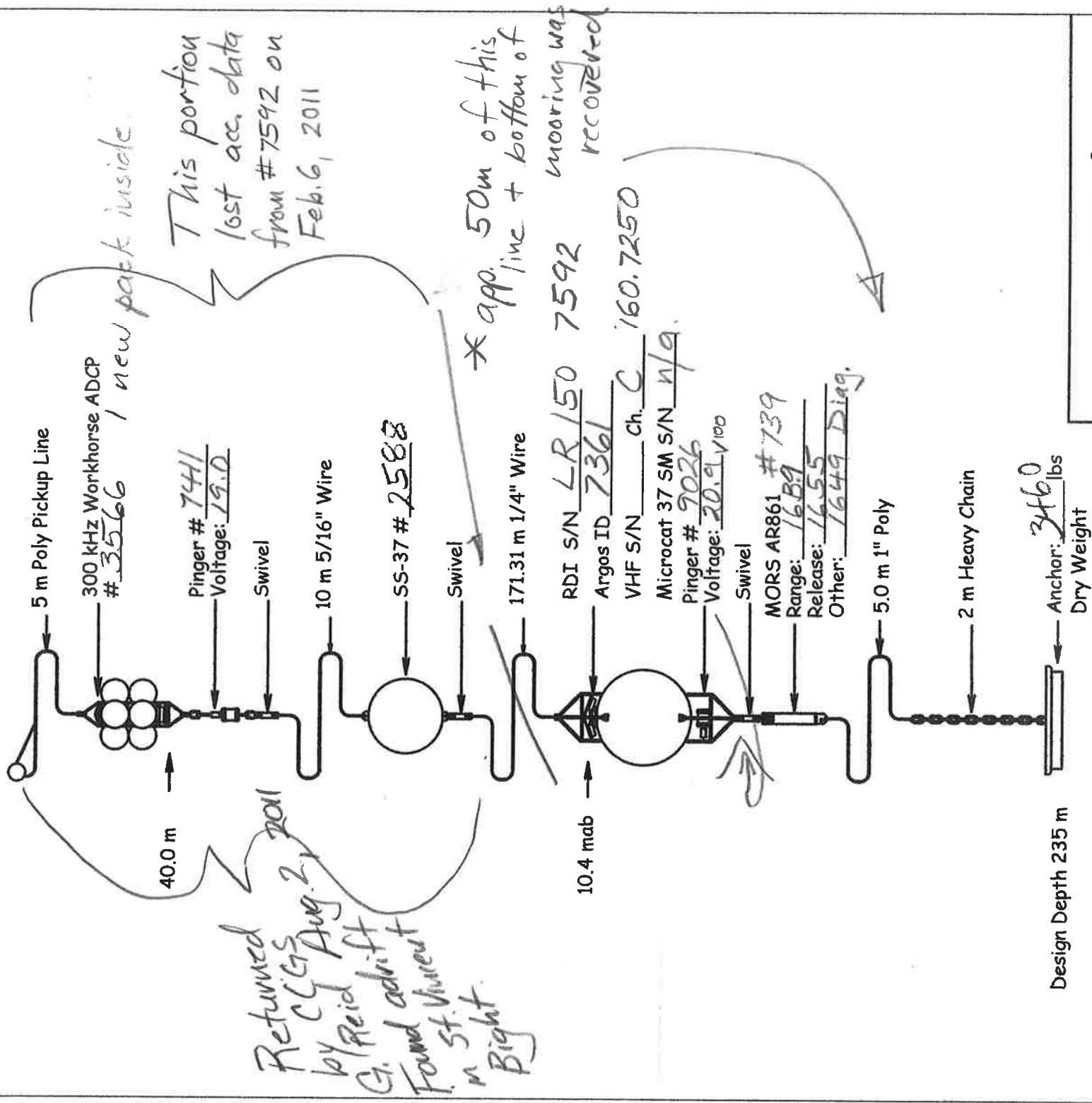
Diag deployed data 5.1.1.1.6.

Pingers

Pinger	Serial #	Voltage	Freq
Helle	7411	19.0	27
Helle	9026	20.9	27

Flotation

Type	Serial #	Size	Colour	Type	Serial #	Size	Colour
8 Vinyl Buoy Frame			orange				
Floater 1500m Foam 45"			orange				



DP1-C

Latitude: 50° 18.255'

Longitude 125° 25.346'

Time: 0239 Date: 17/09/2010

Depth: 238

DPI-C

Sep. 16, 2010.

5 m $\frac{3}{4}$ " poly pickup line no float $\frac{1}{2}$ " $\emptyset$
WH 300 #3566 no external pack
1 new pack inside
8 viny

$\frac{1}{2}$ " $\emptyset$ $\frac{1}{2}$ " $\emptyset$ Pinger 7411 19.0 ~~400~~
 $\frac{1}{2}$ " $\emptyset$ swivel $\frac{1}{2}$ " $\emptyset$ 10m $5\frac{1}{16}$ " wire $\frac{1}{2}$ " $\emptyset$
SS37 2588 $\frac{1}{2}$ " $\emptyset$ $\frac{1}{2}$ " $\emptyset$ swivel $\frac{1}{2}$ " $\emptyset$
171.3 m $\frac{1}{4}$ " wire $\frac{1}{2}$ " $\emptyset$
1500 m ball foam float

LR150 7592
VHF Chan C
Argos 7063

$\frac{1}{2}$ " $\emptyset$ Pinger 9026 20.9 ~~400~~
 $\frac{1}{2}$ " $\emptyset$ swivel $\frac{1}{2}$ " $\emptyset$ $5\frac{5}{8}$ " $\emptyset$

AR 861 #739
5 m 1" poly $\frac{7}{8}$ " $\emptyset$
3460 lbs anchor.

Date Time PDT

Sep. 16 1636 - deployed mooring (with 3m) tide = 115.5 m. datum 118.5 m in water on sounder
 (ii) OCI-A at 50° 18.444' and 125° 17.925' relocated to Okisallo Channel + becomes OCI

- proceed to *DPI for deployment.*

*DPI (Thompson) DPI (Stucki) mooring identifiers have been confusing. Thus DPI was renamed DP2

1939 - deployed mooring DPI-C in 238 m water (on sounder) at 50° 18.255' 125° 25.346'

- head for Brook's Penn.

- en route contacted 1.05 (Thompson + Perreault) and R/V T. Thompson to coordinate science crew in Gold River change

RDI 75/150/300/600 kHz Long Ranger/Workhorse

Project: 2010 Tully #69
Serial Number: 7592 150 kHz
Cruise ID: 62
Platform: Tully
Station: DP1-C
Deployment Date: 16-Sept 2010
Recovery Date: ~ 330 days
Position: _____
Depth: 250m

Parameters:
Ensemble Interval: 30 minutes
Bin Size: 5m
Number of Pings: 81
Number of Bins: 55
Ambiguity Velocity: _____
Water profiling Mode: _____
Time: _____
Start Time: 0400 UTC
Power: 999 WL
Battery Type: 2 x 6051 packs

- Long Ranger, 150 kHz of WinSC to program
- requires version 150 kHz (or plan)
- flash memory 80MB

RDI 75/150/300/600 kHz Long Ranger/Workhorse

Project: 2010 Tully #64
Serial Number: 3566 / 300kHz
Cruise ID: 69
Platform: Tully
Station: DPT-C
Deployment Date: 16-Sept-2010
Recovery Date: ~330 days
Position:
Depth: 460m

Parameters:
Ensemble Interval: 30min
Bin Size: 4m
Number of Pings: 80
Number of Bins: 10
Ambiguity Velocity:
Water profiling Mode:
Time:
Start Time: 0400 UTC
Power: 496.1 W/L
Battery Type: 1 x 6023

- 300kHz, plastic case
- no battery posts in this ADCP = packed w/ foam
- not deployed w/ external batt. case
- need body bands for frame for external case
- flash memory 112 MB

* questionable data from this instrument on one of the transducers. See data from last deployment

DPT-B

Note: failed wide band test... not necessarily catastrophic

Date Time (PDT)

May 15

0945

- leave DP2-B and head for Seymour - going for recovery of DC1 and DP1

1215 - approaching DC1-A getting ranges 486, 350-isk, 155, 160 as we come to a stop - stopped over mooring 164

1220 - moved off to position for release - 724 m release scut got range 235 got rec'd + exc'd

- sighted on surface

1325 - head for DP1-C for recovery

1330 - arrive on site - release responding to ranges as we go - stopped over station ranges 295 + 297

- move off 1/2-1 cable for release

- app. 1 cable off range = 367

- scut release code range = 385 got rec'd + exc'd

- sighted on surface but only the bottom float came up

WH300 #3566 & vinyl frame 5537 #2588 missing

- the evidence points to corrosion of the wire app. 50 m above the bottom float

Date _____
Time (PDT) _____

DPI mooring continued - it is unusual that the drifting package was not sighted and recovered in the heavy traffic area.

* - data from WHLR/150kHz shows upper part lost Feb. 6, 2011 app 1600 UTC
May 15 app 1730 - we commenced the CTD survey of stations accessible north of Seymour

- all stations except #121 were completed
- there was a SAR request at app. 2400 hrs. interrupting CTD work
- the SAR involved a med-evac of an ill fish farm operator to Campbell River.

- CTDs completed without significant problem thereafter.