

Mooring Deployment Record

Project Name:	Agriculture		
Project Area:	Cordero Channel		
Mooring Name:	CC1-A	Station Name	CC1
Latitude:	50 26.899	Longitude:	125 25.568
Depth:	141 138 datum	Tide:	Cordero Islands + 3 m
Mag. Declination:		Time Zone:	UTC
Date:	May 16, 2011 (UTC)	Time:	1955
Remarks:			

Recovery

Date:	Jun. 10, 2012	Time:	1411 PDT
Remarks:	recovered without problem.		

Instruments

Type	Serial #	Depth	Time In:	Time Out	Notes
LR150	7592				Get new 316 hardware or better yet replace with titanium.
					gauge in bore seal area. Replace end cap on next deployment.
					2x 6051 Pucks

Releases

Release	Serial #	Range:	Release	Freq	Other
AK 861	732	1682	1655	12 kHz	1649

Pingers

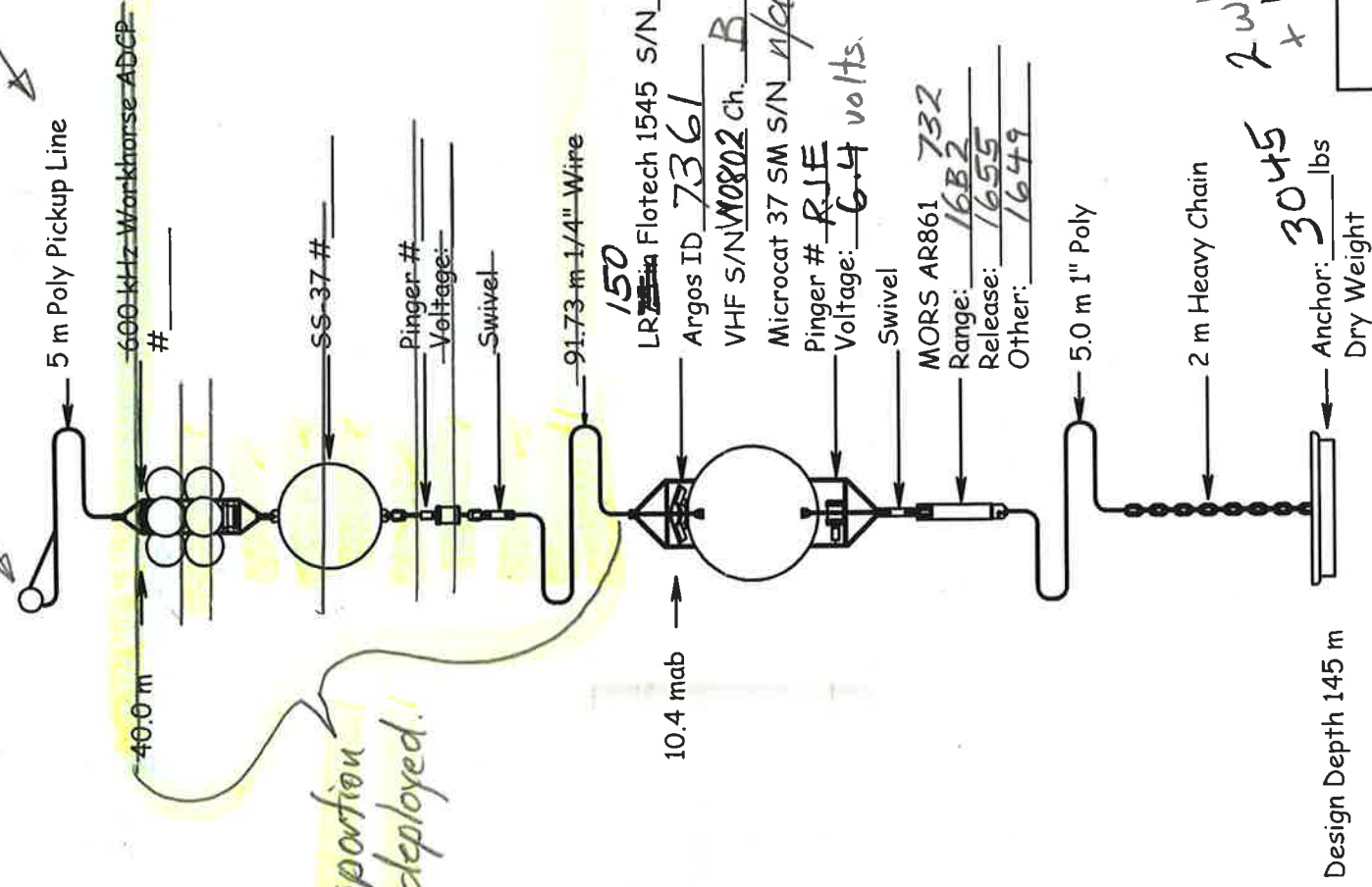
Argos 7361.

Pinger	Serial #	Voltage	Freq
RJE		6.3 V	27 kHz x 1/2 W

Flotation

Type	Serial #	Size	Colour	Type	Serial #	Size	Colour
Flote	1545	45"	orange				

ball removed. line deployed



141 m - 3 = 138 m datum

Latitude: 5026.8995	
Longitude 125 25.5678	
Time: 1955 JY	Date: 16/05/2011
Depth: 141 m	

CC1-A

May 16, 2011

5m $\frac{5}{8}$ " polysteel with loop but no float
 $\frac{1}{2}$ " ϕ

WHLR150 #7592

VHF Chan. B.

- VHF "ON"

Argos 7361

- "ON"

1545 buoy + frame

RSE pinger 6.4 volts.

isolation

$\frac{1}{2}$ " ϕ $\frac{1}{2}$ " ϕ swivel $\frac{1}{2}$ " ϕ $\frac{5}{8}$ " ϕ isolation

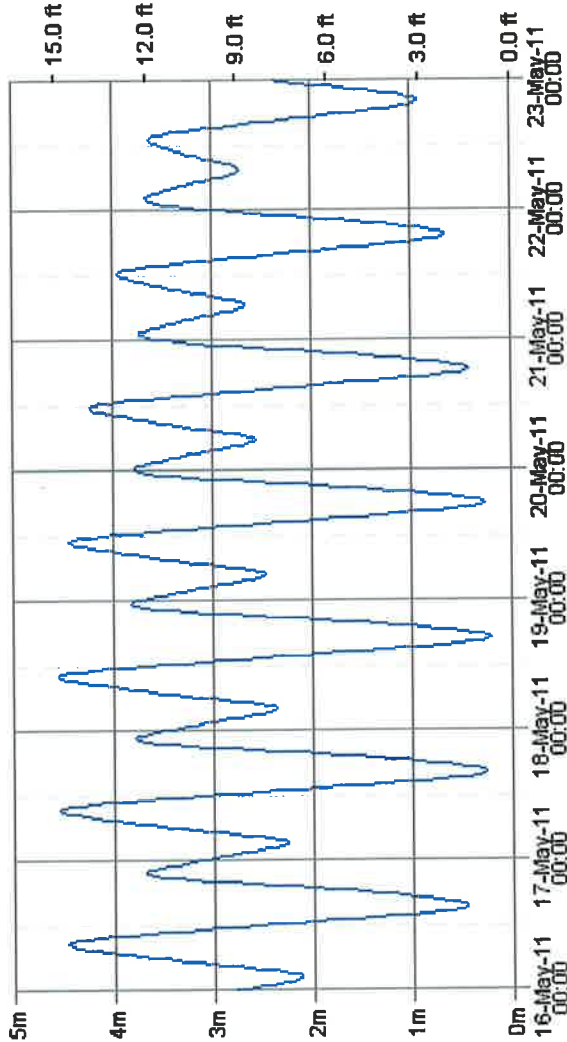
AR861 #732

+ drop link

5m 1" poly $\frac{7}{8}$ " ϕ

axle + 2 wheel + base 3045 lbs.

Cordero Islands (Station #8150)
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/>

Date Time (PDT)

May 16 0700 - we are on station DC1 for deployment of mooring DC1-B in the same configuration

0924 - launched DC1-B in 116m depth at
 - 50° 18.437' 125° 17.935'
 - clear + calm

- prepared mooring CC1-A

1255 - deployed CC1-A at 50° 26.8995' in 141m depth
 125° 25.5678

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

0800 - still steaming to Cape St. James.
 - ETA to CS1-D 1400 hrs.

1300 - completed boat + fire drill en route.

1419 - approaching CS1-D - no conclusive ranges app. 1nm away

1429 - stopping over mooring

1440 - ranges 151-154-169 -

1444 - ranges 295-296

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

May 17

ADCP Deployment Sheet

INSTRUMENT	
Serial Number: <u>7592</u>	Pressure Sensor: _____
Model: <u>150kHz</u>	Depth Rating: _____
Batteries: <u>2x 6051 in BLU cage</u>	
PARAMETERS	
Number of Pings (WP): <u>80</u>	Bin Size (WS): <u>5m</u>
Ensemble Interval (TE): <u>30 mins</u>	Number of Bins (WN): <u>29</u>
Time between Pings (TP): _____	Mode 1 Bandwidth (WB): <u>1</u>
Profiling Mode (WM): _____	Pre-deployment tests: <u>✓</u>
Time Zone: <u>UTC</u>	Compass Calibration: <u>X</u>
Start (TF): <u>May 16, 2011 @ 2002 UTC</u>	
DEPLOYMENT	
Station: <u>CC1-A</u>	Cruise Number: <u>2011-47</u>
Latitude: _____	Water Depth: <u>145</u>
Longitude: _____	Instrument Depth: <u>140</u>
Time and Date in Water: <u>May 16, 2011 1955 UTC</u>	
Comments: <u>new gft new 316 hardware,</u>	
<u>replace end cap (gauge @ bore seal)</u>	
<u>Fixed Up</u>	
Completed by: _____	Date: _____
ADCP-dep.xls-SFM	

PlanADCP (Advanced) : [Dpl2]

BackToSC Settings View Help



CAUTION: Not enough battery packs for the deployment.

Environmental Setup:

Transducer Depth: m

Salinity: ppt

Magnetic Variation: °

Temperature: °C

Deployment Timing Setup:

Duration: days

Ensemble Interval:

Ping Int (☒ Auto)

Min TTP

☐ Ping Immediately After Deployment

First Ping Date and Time:

Basic

Deployment Consequences

First Cell Range: m

Last Cell Range: m

Max Range: m

Standard Deviation: cm/s

Ensemble Size: bytes

Storage Required: MB

Power Usage: Wh

Battery Pack Usage:

Profiling Setup

Pings Per Ensemble:

Number of Depth Cells:

Depth Cell Size: m

Notes

7592-CC1-A
Start: May 16, 2011 @ 2000UTC
2x6051 in blu cage bats
gouge in Bore seal surface (replace next deployment)

Workhorse Sentinel: 150 kHz/ Long Range/ 2 Battery Packs/ Memory: 96 MB

CR1
CF111101
EA0
EB0
ED1400
ES32
EX11111
EZ1111111
WA50
WB1
WD111100000
WF352
WN29
WP80
WS500
WV175
TE00:30:00.00
TP00:22.50
TF11/05/16 20:00:00
CK
CS

