

DAILY LOG

CRUISE
NUMBER

2002-04

INSTITUTE OF OCEAN SCIENCES

OCEAN SCIENCES AND PRODUCTIVITY DIVISION

DATE

22 - 30 Jan. 2002

VESSEL

C.C.G. VECTOR

PROJECT

AQUACULTURE - ESSRF
- ACRDP

Winches:

- | CS. | Serial # | Use |
|-----------------------|-----------------|------------|
| 1. Swann model: 329 | 1307 | Primary |
| 2. Swann model: 329 | 1483 | Backup |
| 3. Swann model: _____ | serial #: _____ | use: _____ |
| 4. Swann model: _____ | serial #: _____ | use: _____ |
| 5. Swann model: _____ | serial #: _____ | use: _____ |
| 6. Swann model: _____ | serial #: _____ | use: _____ |
| 7. Swann model: _____ | serial #: _____ | use: _____ |
- Comments: _____

Salinometer: make: _____ model: _____ serial number: _____

Comments: _____

Surface Temperature / Salinity Data Logging System:

Program: _____
Sampling interval (seconds): _____
Sensor serial number: _____
Comments: _____

ADCP Setup:

Program version: _____
 Time zone: _____
 Sampling interval (seconds): _____
 Blank beyond transmit: _____
 % pings good threshold: _____
 Comments: _____

Comments:

22-Jan-02

local time

out of water

PS-3

Shallow RCM #1311 - 16:36 - rotor spinning but slows down quickly - some sparse growth (hairy growth)

Mid RCM 3541 - 16:40 - rotor spinning freely - no growth

Deep RCM 1604 - 16:44 - rotor spinning freely - no growth

PS-4

Jan 23 2002

50° 47.052

126° 36.795

SS30 SN 3005

Pinger Same as Sept SW

RCM# 7915 Tail 431

0911 in water

20m

ADCP 600 kHz looking up 0912 in water

37.3m

SS30 SN 2540

RCM# 1015 Tail 430 0914 in water

57.29m

SS30 SN M823

RCM 5361 Tail 435 0917 in water

157m

32962

37127

42645

Pinger

461

Same as Sept SW

ACGA 9 kHz

Anchor released at 0924 - 336m.

23-Jan-2002

TC-1

SS28 SN 2568

Pinger SW 19V OML

30m

RCM 4294

1205(PST) in water

58

SS28 SN 2569

90m

RCM 6357

1208(PST) in water

58

SS28 SN 2571

150

RCM 7498

Buoys 1210(PST) in water

59 (2PS 6.5 + 7/16 SP)

25m

balls

210

RCM 7896

1213(PST) in water

10

48472

45164

30103

Pinger SW

OML 19.8V

AR# 5214 ABFH SHK

Too buoy submerged at 1223 PST - 235m (lab)

50° 49.296 Lab
126° 23.419 GPS

DAILY LOG

Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

2002					January			VECTOR				Cruise I.D. 2002-04			
Year	Day	Station I.D.	Cast Type	Time (UTC)	Time Code	Consec. Number	Latitude	Longitude	Position Code	Bottom Depth	Max Depth	Consec Sample #	# of Bottles	initials	Comments
	23	FS-3	MOR	0021	RE										Mooring recovery
	23	FS-4	MOR	1726	DE		50° 47.052	126° 36.795		336 (lab sounder)					Current meter mooring FS-4 deployed
	23	TC-1	MOR	2023	DE	Lab →	50° 49.296	126° 23.619		235 (lab sounder)					Current meter mooring TC-1 deployed
						Bridge →	.295	.612							Flat bottom.
	23	UR18-300m (URG)	MOR	2148	DE		50° 43.231	126° 34.352		41 (lab sounder)					Sediment trap mooring 20m + soft bottom. 2 lights on top
	24	UR7-30m	MOR	0032	DE	Mark V →	50° 43.360	126° 34.045		35.7 (Mark V)					- Sediment trap mooring - 20m + 5m dff bottom - 2 lights - deployed from Mark V
	24	UR7-0m	MOR	0214	DE	Mark V	50° ?	126° ?		?					one sediment trap + OBS 22m - Sed trap 24m - OBS - tied to outside ring w/ fish pen #7 - deployed using Mark V

Cast type:

BOT = otter cast

CTD = CTD

MOR = mooring

ROS = Rosette

NET = net haul

DRF = drifter

USW = sea water loop

Time Code

BE = beginning time of cast

BO = bottom time of cast

EN = end of cast time

DE = deployment time

MR = messenger release time

RE = recover mooring time

VECTOR

Sediment trap moorings
23/01/2002

UR18-300m (or UR6)

1/2 Light (2)
3x6" Scotsman

Viny float

20m (HWL) IIS (E+F)

Football float

Small bottom (trap with closing
1.11s)
"112 + 113" sides

140 lbs of chain (2 shots)

13:48 PST on bottom
41m depth (lab sounder)

MARK V

23 Jan 2002
50° 43.360 N 126° 34.045 W
UR7 - 30m

1/2 Light (2)
3x6" Scotsman

Viny float

20m (HWL) Sed. N14 A+B

35.4m @ 1600 local (PST)
on bottom @ 1632 = 35.7m
Mark V Sounder + pos'n

Football float

Small bottom Sed. #93+94
red tape / leaky threads

6.3m - 70 lbs chain

MARK V

23 Jan 2002 1814 local time

UR7 - 0m

Pen #7

24m 22m

Sed #87/88

1m
OBS - looking down

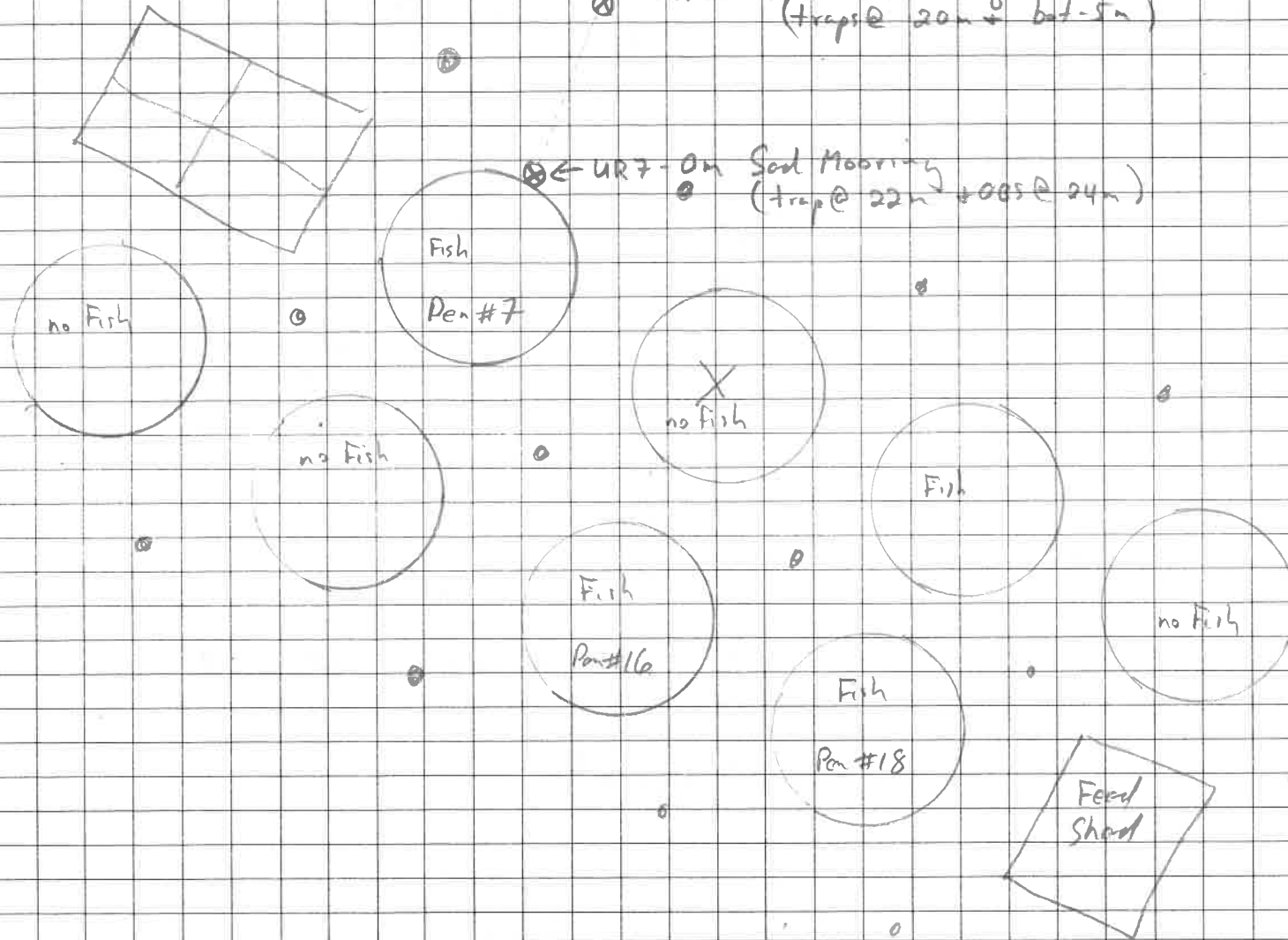
UPPER RETREAT

2002-04

Tori - 203-1243
+ Leon

⊗ UR7-30m Sed Mooring
(traps @ 20m + bot-5m)

⊗ ← UR7-0m Sed Mooring
(traps @ 22m + OBS @ 24m)



⊗ UR18-300m
(traps @ 20m + bot-5m.)

DAILY LOG

Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

Year 2002					Month January			Ship VECTOR				Cruise I.D. 2002-04		
Day	Station I.D.	Cast Type	Time (UTC)	Time Code	Consec. Number	Latitude	Longitude	Position Code	Bottom Depth	Max Depth	Consec Sample #	# of Bottles	initials	Comments
24	FIS	ROS	2022	BE	001	50° 47.08	126° 37.17		347		1-13			DO, nwt, SPM + chl
			2031	BO		47.06	37.19							
			2050	EN		47.01	37.36							
24	PP1	ROS	2142	BE	002	50° 48.80	126° 31.53		149		14-22			DO, nwt, chl.
			2145	BO		48.78	31.52							
			2156	EN		48.74	31.53							
24	SC	ROS	2318	BE	003	50° 53.41	126° 45.72		238		23-33			DO, nwt, chl + SPM.
			2325	BO		53.42	45.71							
			2341	EN		53.44	45.52							
25	WP	ROS	0041	BE	004	50° 50.85	126° 56.40		182		34-43			DO, nwt + chl.
			0045	BO		50.86	56.39							
			0056	EN		50.84	56.45							
25	QCS2	ROS	0206	BE	005	50° 46.63	127° 2.35		223		44-54			DO, nwt, chl.
			0212	BO		46.59	2.34							
			0226	EN		46.50	2.46							
25	QCS1	ROS	0353	BE	006	50° 40.00	126° 46.33		157		55-63			DO, nwt, chl + SPM.
			0358	BO		40.02	46.34							
			0408	EN		39.99	46.35							

Cast type:

BOT = otter cast

CTD = CTD

MOR = mooring

ROS = Rosette

NET = net haul

DRF = drifter

USW = sea water loop

Time Code

BE = beginning time of cast

BO = bottom time of cast

EN = end of cast time

DE = deployment time

MR = messenger release time

RE = recover mooring time

DAILY LOG

Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

Year 2002					Month Jan			Ship VECTOR				Cruise I.D. 2002-04		
Day	Station I.D.	Cast Type	Time (UTC)	Time Code	Consec. Number	Latitude	Longitude	Position Code	Bottom Depth	Max Depth	Consec Sample #	# of Bottles	initials	Comments
25	JS1	ROS	0507	BE	007	50° 33.03	126° 46.00		466		64-78			DO + nut.
			0516	BO		33.06	46.00							
			0539	EN		32.99	45.84							
											79-90			
25	Kn1	ROS	2013	BE	008	50° 38.14	126° 25.56		261		79-90			DO, nut, chl + SPM.
			2018	BO		38.16	25.56							
			2033	EN		38.15	25.51							
25	CC2	ROS	2150	BE	009	50° 34.20	126° 29.30		69		91-96			DO + nut
			2152	BO		34.20	29.28							
			2158	EN		34.20	29.25							
25	CC1	ROS	2246	BE	010	50° 36.30	126° 21.41		115		97-103			DO
			2250	BO		36.31	21.41							
			2300	EN		36.33	21.44							
26	Kn2	ROS	0025	BE	011	50° 39.30	126° 10.99		186		104-112			DO + nut
			0030	BO		39.31	10.97							
			0041	EN		39.33	10.99							
26	TrC1	ROS	0140	BE	12	50° 43.60	126° 10.91		294		113-125			DO, nut + chl
			0147	BO		43.63	10.78							
			0205	EN		43.61	10.61							

Cast type:

BOT = otter cast

CTD = CTD

MOR = mooring

ROS = Rosette

NET = net haul

DRF = drifter

USW = sea water loop

Time Code

BE = beginning time of cast

BO = bottom time of cast

EN = end of cast time

DE = deployment time

MR = messenger release time

RE = recover mooring time

DAILY LOG

Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

[illegible]

Cast type:

BOT = otter cast
CTD = CTD

MOR = mooring

ROS = Rosette
NET = net haul

DRF = drifter

USW = sea water loop

Time Code

BE = beginning time of cast

BO = bottom time of cast

EN = end of cast time

DE = deployment time

MR = messenger release time

RE = recover mooring time

* GR1X-3004

- shuck on traps looking at threads slowly
- on side had small hole in bottom

INSTITUTE OF OCEAN SCIENCES

Cast type:	BOT = otter cast CTD = CTD MOR = mooring	ROS = Rosette NET = net haul DRF = drifter	USW = sea water loop	Time Code	BE = beginning time of cast BO = bottom time of cast EN = end of cast time	DE = deployment time MR = messenger release time RE = recover mooring time
-------------------	--	--	----------------------	-----------	--	--

DAILY LOG

Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

[illegible]

Cast type:

BOT = otter cast

CTD = CTD

MOR = mooring

ROS = Rosette

NET = net haul

DRF = drifter

USW = sea water loop

Time Code

BE = beginning time of cast

BO = bottom time of cast

EN = end of cast time

DE = deployment time

MR = messenger release time

RE = recover mooring time