

OCEAN SCIENCES STRICKLAND EVENT LOG

VESSEL: Strickland

Date: Jan. 23, 2012

Collected By: Alex Boys

Consecutive Stn #: 1

Station Name: S6A

Notes: (temperature, wind, barometer, weather, sea-state, etc)

~~Cloudy~~, 6°C

Wind: SE 10 Knot

Sea temp: 6.8°C

Barometer: 30 inches Hg

EVENT NUMBER	EVENT TYPE	TIME	LAT.	LONG.	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, flow meter readings, etc)
1	CTD	18:17:30 18:19:30	N 48° 45.236' W 123° 18.604'	→	140m	130m	bottom - 10 m (40m/min)
2	Niskin	18:48	"	"	140		0, 10, 25, 50, 75, 100, 120 (7) (6) (5) (4) (3) (2) (1)
3	Deep 200 tow	19:18 :40	" 19:26 18	"	140	100- 50m 54	91895 - 91150
4	Shallow 200 tow	19:43 :36	"	"	140m	50- 0m	91150 - 91425

OCEAN SCIENCES STRICKLAND EVENT LOG

VESSEL: Strickland

Date: Jan 23, 2012

Collected By: Lisa Amoh

Consecutive Stn #: 2

Station Name: SSA

Notes: (temperature, wind, barometer, weather, sea-state, etc)

cloudy

P = 29.98Hg

Water T = 6.7°C

T = 8°C

Vis = 15 miles

wind 10 knots SE

cloud cover: 95%

EVENT NUMBER	EVENT TYPE	TIME	LAT.	LONG.	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, flow meter readings, etc)
5)	Shallow ZOO tow	20:24:21	N 48° 44.605 W 123° 23.605	→	90m	50m	91425-91804
6)	Deep ZOO tow	20:34:21	N 48° 44.515 W 123° 23.638	→	90m	80-50	91804-91980
7)	Niskin	21:00:30	" "	→	80m 65m	/	25 40 60 0 10 25 50 70 (5) (4) (3) (2) (1)
8)	CTD	21:17:06	" "	→	75m 69m	65m	40ms

OCEAN SCIENCES STRICKLAND EVENT LOG

VESSEL: Strickland

Date: Jan 23, 2012

Collected By: Anna van Goudoever

Consecutive Stn #: 3

Station Name: SSA

Notes: (temperature, wind, barometer, weather, sea-state, etc)

Cloudy 6.7°C

29.7 falling - barometer (P)

visibility = 15

Wind SE 9 kts 1/2 ft sea

EVENT NUMBER	EVENT TYPE	TIME	LAT.	LONG.	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, flow meter readings, etc)
9	CTD	21:51	N 48° 43.013'	W 123° 27.507'	112 m	100 m	bottom -10 m (100 m) 40 m/min
10	Niskin	22:13	N 48° 42.969'	W 123° 27.572'	115 m ↓ 109 m	90 m	0 10 25 50 75 90 - messenger got stuck between #5 and #4
11	Deep Zoup tow	22:36	N 48° 42.948'	W 123° 27.556'	120 m	100-55 m	91980 - 92311
12	Shallow Zoup tow	22:49	N 48° 42.957'	W 123° 27.564'	120 m	50 m	92311 - 92508

OCEAN SCIENCES STRICKLAND EVENT LOG

VESSEL: Strickland

Date: Jan 24

Collected By: Ira Webb

Consecutive Stn #: 4

Station Name: S2A

Notes: (temperature, wind, barometer, weather, sea-state, etc) vis. 10 mi
 calm seas, raining, cloud 95%, light wind
 7°C, water 7.1°C, 29.74 in Hg

EVENT NUMBER	EVENT TYPE	TIME	LAT.	LONG.	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, flow meter readings, etc)
13	CTD	17:50	N 48° 33.140	W 123° 32.043	215	205	20120124-S2A
14	Niskin Bottles	18:20 18:20	N 48° 33.133	W 123° 32.058	215	200	depth ^(m) 0, 10, 25, 50, 75 (bott) (2) (7) (16) (51) (4) 100, 150, 200 (3) (2) (1)
15	deep zoop tow	18:57	N 48° 33.138	W 123° 32.092	215	100-48 100-53	Flow start: 92588 Flow end: 92799
16	Shallow zoop tow	19:16	N 48° 33.138	W 123° 32.106	215	50-0	Flow start: 92799 Flow end: 93951

OCEAN SCIENCES STRICKLAND EVENT LOG

VESSEL: Strickland

Date: Jan 24 2012

Collected By: Michelle Dahler

Consecutive Stn #: 5

Station Name: S3A

Notes: (temperature, wind, barometer, weather, sea-state, etc)

~~Calm seas~~, 29.65, 7°C, 7.2°C, 5 mile visibility
100% cloud cover, (air) (water)
SE 5 knots, rippled sea

EVENT NUMBER	EVENT TYPE	TIME	LAT.	LONG.	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, flow meter readings, etc)
17	deep zoop. tow	11:45	N 48° 35.557	W 123° 29.963	225m	100-52m	Flow start: 92588 Flow end: 92799 93261 flow reading
18	shallow zoop. tow	11:55	N 48° 35.557	W 123° 29.959	225m	50-0m	Flow start: 92799 Flow end: 93951 93480 flow meter
19	Niskin bottles	12:06	N 48° 35.557	W 123° 29.959	225m	175m	depth (cm): 0, 10, 25, 50, 75, 100, 125, 175 0m(8) ————— 7125m(1)
20	CTD	12:27	N 48° 35.588	W 123° 29.967	227m	215m	20120124-S3A

OCEAN SCIENCES STRICKLAND EVENT LOG

VESSEL: Strickland

Date: Jan 24 2012

Collected By: Ben Garrett

Consecutive Stn #: 6

Station Name: S4A

Notes: (temperature, wind, barometer, weather, sea-state, etc)

7°C, calm, 1h

EVENT NUMBER	EVENT TYPE	TIME	LAT.	LONG.	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, flow meter readings, etc)
21	CTD	1:15pm	48°38.288N 123°29.974W	123°29.974W	200m	190m	20120124-S4A
22	Bottles	1:52pm	48°38.288N	123°29.974W	200m	190m 175m	175-125-100-75-50-25 10.
23	Deep Zoo Tow	2:22 pm	48°38.318	123°29.902	200	160m- 51m	Flow Start 93480 Stop. 93796
24	Shallow Zoo Tow		48°38.318	123°29.902	200	50-0	Start 93796 Stop. 94048

OCEAN SCIENCES STRICKLAND EVENT LOG

VESSEL: Strickland

Date: 25 Jan 12

Collected By: Ryan Oakes

Consecutive Stn #: 7

Station Name: SIOA

Notes: (temperature, wind, barometer, weather, sea-state, etc)

Wind 1-5 kt Calm
Temp 5-10°C

EVENT NUMBER	EVENT TYPE	TIME	LAT.	LONG.	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, flow meter readings, etc)
25	CTD	10:51 2st	48°38.799 N	123°28.495 W	195m	185m	20120125-SIOA
26	Bottles	11:27	48°51.286 N	123°35.182 W	195m	150m	150, 100, 75, 50, 25, 10, 0m
27	Deep Tow	11:54	48°51.318 N	123°35.169 W	195m	(100-5)m	Slow Seare: 94050 Slow Stop: 94340
28	Shallow tow	12:09	48°51.102 N	123°34.979 W	195m	50m - Surface	Slow Seare: 94340 Slow Seop: 94576

OCEAN SCIENCES STRICKLAND EVENT LOG

VESSEL: Strickland

Date: Jan 25, 2012

Collected By: Kris Yovakum

Consecutive Stn #: 8

Station Name: S9A

Notes: (temperature, wind, barometer, weather, sea-state, etc)

Wind 1.5 Kts

Calm

Temp 5-10°C

EVENT NUMBER	EVENT TYPE	TIME	LAT.	LONG.	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, flow meter readings, etc)
29	Deep Tow	12:35	48°47.943N	123°33.210W	170	100-51	flow start: 94576 flow stop: 94835
30	Shallow Tow	12:48	48°48.005N	123°33.194W	170	50-surf.	flow start: 94835 flow stop: 95080
31	Neckin Bottles	1:13	48°48.028N	123°33.141W	170	150	✓ 150, 100, 75, 50, 25, 10, 0 m. 1 2 3 4 5 6 7
32	CTD	1:29	48°48.024N	123°33.225W	170	160	20120125_S9A

OCEAN SCIENCES STRICKLAND EVENT LOG

VESSEL: Strickland

Date: Jan 25, 2012

Collected By: Colin Etienne

Consecutive Stn #: 9

Station Name: S11 A

Notes: (temperature, wind, barometer, weather, sea-state, etc)

Calmer seas Temp: 9.0°C water 6.5°C cloud 90%
cloudy 30.21 inch Hg Vis: 10 miles It air 5

EVENT NUMBER	EVENT TYPE	UTC TIME	LAT.	LONG.	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, flow meter readings, etc)
33	CTD Cast	22:18:40	48° 43.795'	123° 32.664'	120	110	2012 0125-S11A
34	Niskin Bottles	22:41:07	48° 43.804'	123° 32.615'	120	100	0, 10, 25, 50, 75, 100
35	Deep Zoop tow	23:00:00	48° 43.824'	123° 32.596'	110	100-50m	Flow start: 95080. Flow stop: 96498
36	Shallow zoop tow	23:13:25	48° 43.771'	123° 32.587'	120	50.0m	Flow start: 96498 Flow stop: 95880

OCEAN SCIENCES STRICKLAND EVENT LOG

VESSEL: Strickland

Collected By: Lauren McLennan

Date: Jan. 26, 2012

Consecutive Stn #: 10

Station Name: SG B

Notes: (temperature, wind, barometer, weather, sea-state, etc) B-E-A-U-TIFUL
 sunny, no cloud (5%) wmd: SW 12 knots. Vis: 20 NM.
 temp: 9.0°C barometer: 30.49. 2x 1 foot high

EVENT NUMBER	EVENT TYPE	TIME	LAT.	LONG.	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, flow meter readings, etc)
37	CTD	10:26.31	W 123° 18.601'	N 48° 45.238'	140m	130m	
38	Niskin	11:02.37	N 123° 18.521'	W 48° 45.307'	142m	—	0, 10, 25, 50, 75, 100, 120 (7)(6)(5)(4)(3)(2)(1) 10 25 50 75 100 120
39	Deep 200- plankton tow	11:23.00	"	"	112	100-51	95880 initial. 96240 final
40	Shallow 200- plankton tow	11:28.20	"	"	142	50-0.	96240 initial. 96510 final

OCEAN SCIENCES STRICKLAND EVENT LOG

VESSEL: Strickland

Collected By: Jena Miller

Date: Jan 26, 2012

Consecutive Stn #: 11

Station Name: S8B

Notes: (temperature, wind, barometer, weather, sea-state, etc)

→ air 9°C → water 6.8°C → wind from NW @ 7 knots → 5% cloud cover
→ 30.36 inch Hg → 1/2 foot seas → 20 NT visibility

EVENT NUMBER	EVENT TYPE	TIME	LAT.	LONG.	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, flow meter readings, etc)
41	Deep Zoopl tow	20:22:30	N 48° 44.552'	W 123° 23.537'	87 m	77-52	Initial flow meter — 96415 final flow meter — 96710
42	Shallow Zoopl tow	20:33:50	N 48° 44.539'	W 123° 23.589'	87 m	50-0	Initial flow meter — 96710 final flow meter — 97160
43	Niskin Bottles	20:58:16	N 48° 44.582'	W 123° 23.578'	90 m	65 40 15 0	#1 → 65 m #4 → 0 m #2 → 40 m #3 → 15 m
44	CTD	21:07:46	N 48° 44.589'	W 123° 23.640'	78 m	67	File Name: 20120126 - S8B

OCEAN SCIENCES STRICKLAND EVENT LOG

VESSEL: Strickland

Collected By: Alison Carson

Date: Jan. 26, 2012

Consecutive Stn #: 12

Station Name: S5B

Notes: (temperature, wind, barometer, weather, sea-state, etc)

→ Sunny, 9°C → barometer: 33.5 → visibility 20 NM. 10% cloud cover.
→ 9.9°C → sea temp → 12 knots from NW → 2 ft seas

EVENT NUMBER	EVENT TYPE	TIME	LAT.	LONG.	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, flow meter readings, etc)
45	CTD	21:43	48°42.990'N	123°27.555'	110	100	100 m - bottom
46	Niskin	21:56	"	"	100	75	0, 10, 25, 50, 75, 100 (5) (8) (9) (12) (15) (18) ✓ ✓ ✓ ✓ ✓
47	Deep Zoop tow	22:20	"	"	116	100 - 51	Flow meter start: 97060 end: 97415 100 - 51 m
48	Shallow Zoop tow	22:45	"	"	117	50 - 0	Flow meter start: 97415 end: 98000 50 - 0 m

OCEAN SCIENCES STRICKLAND EVENT LOG

VESSEL: Strickland

Collected By: BRITTANY VISONA

Date: JAN 27/12

Consecutive Stn #: 13

Station Name: S10B

Notes: (temperature, wind, barometer, weather, sea-state, etc)

-sunny, cloudy cover wind from SW @ 9 knots
bar pressure: 30.65 Hg sea height 1/2 ft
air temp: 5 °C sea temp: 6.3 °C visibility 20 Nm

cloudy
cover
90%

EVENT NUMBER	EVENT TYPE	TIME	LAT.	LONG.	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, flow meter readings, etc)
48	CTD CAST	18:34	N 48° 51.294' W 123° 35.179' →		195 m	185 m	20120127_S10B
49	Niskin bottle	19:09	N 48° 51.262'	W 123° 35.992'	195	150	0, 10, 25, 50, 75, 100, 150
50	Deep zoop tow	19:54	N 48° 11' 51.297'	W 123° 11'	11	100	100-54m -some sample lost 20% Flow meter: s-98771 f-99088
51	Shallow zoop tow	20:09	11	11	11	50	50-0 Flowmeter s-99088 f-99339 -some sample lost

OCEAN SCIENCES STRICKLAND EVENT LOG

VESSEL: Strickland

Collected By: Pearce Luck

Date: Jan 27, 2012

Consecutive Stn #: 14

Station Name: S9B

Notes: (temperature, wind, barometer, weather, sea-state, etc)
 calm, overcast with patches of sun

EVENT NUMBER	EVENT TYPE	TIME	LAT.	LONG.	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, flow meter readings, etc)
52	Deep ZOO tow	12:36 pm	0459429 N 48°47.989	5405345 W 123°33.262	175	100-52	99339 fl meter - 99698
53	Shallow ZOO tow	12:55 pm	N 48°47.989	W 123°33.262	175	50-0	99698 99698 - 99802
54	Niskin	1:10 1:25 pm	48°47.938	W 123°33.167	175	150	9, 10, 25, 50, 75, 100, 150 7 6 5 4 3 2 1
55	CTD	1:37 pm	48°47.991	W 123°33.238	175	165	20120127_S9B

OCEAN SCIENCES STRICKLAND EVENT LOG

VESSEL: Strickland

Collected By: Molly Neil

Date: Jan 27/12

Consecutive Stn #: 15

Station Name: S11B

Notes: (temperature, wind, barometer, weather, sea-state, etc)
 Cloudy w/ sunny periods, calm w/ light waves
 Baro: 30.59 inch Air temp = 8°C Sea temp = 6.3°C Wind = SW 5Kts
 Vis = 20 miles Cloud = 50%
 Wave height = 1/2 foot

EVENT NUMBER	EVENT TYPE	TIME	LAT.	LONG.	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, flow meter readings, etc)
56	CTD	2:30 pm	48°43.768'N	123°32.582'W	115	95	20120127_S11B
57	Niskin	2:41 pm	48°43.768'N	123°32.583'W	103	90-0	0m 10m 25m 50m 75m 90m 6✓ 5✓ 4✓ 3✓ 2✓ 1✓
58	Deep Zoup	3:07 pm	48°43.769'N	123°32.557'W	114	100-51	99808 - 10153 *Large spill of bag sample
59	Shallow Zoup	3:18 pm	48°43.762'N	123°32.586'W	114	50-0	10153 - 10149 *Net tow on large angle

OCEAN SCIENCES STRICKLAND EVENT LOG

VESSEL: Strickland

Collected By: Alicia Lew

Date: January 28 / 12

Consecutive Stn #: 16

Station Name: S4B

Notes: (temperature, wind, barometer, weather, sea-state, etc)

Cloudy w/ periods of rain, no wind, calm sea

Water temp: 5.8°C Baro: 30.41

Vis = 15 mi

Air temp: 6.0°C 100% cloud cover

EVENT NUMBER	EVENT TYPE	TIME	LAT.	LONG.	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, flow meter readings, etc)
60	CTD	9:24 am	48°38.337' N	123°29.984' W	200	190	20120128_S4B
61	Niskin	9:53 am	48°38.290' N	123°30.054' W	200	190	0, 10, 25, 50, 75, 100, 150, 190 (8) (7) (6) (5) (4) (3) (2) (1) ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ * top didn't close on 100m bottle (3)
62	Deep Zoop	10:20 am	48°38.385' N	123°30.060' W	200	100-50	00492 - 00770 Lost 1/2 a sample for the biomass (bag)
63	Shallow Zoop	10:30	48°38.305' N	123°30.964'	200	50-0	00770 - 01030

OCEAN SCIENCES STRICKLAND EVENT LOG

VESSEL: Strickland

Collected By: Ryan Friesen

Date: Jan 28/12

Consecutive Stn #: 17

Station Name: S3B

Notes: (temperature, wind, barometer, weather, sea-state, etc)

Cloudy w/ showers, 100% cloud cover, calm sea

Water T: 6.2°C

Baro: 30.39

Air T: 6°C

wind: 6 knots NW

EVENT NUMBER	EVENT TYPE	TIME	LAT.	LONG.	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, flow meter readings, etc)
64	deep Zoop	11:03 am	48°35.567' N	123°30.000' W	228	150 100 50m	01030-01265
65	shallow Zoop	11:16 am	48°35.572' N	123°30.009' W	228	50 6m	01265-01521
66	hiskin	11:45 am	48°35.563' N	123°30.025' W	228	218	0, 10, 25, 50, 75, 100, 150, 210 8 7 6 5 4 3 2 1 ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
67	CTD	12:04 pm	48°35.536' N 123°30.007' W	123°30.037' W	228	218	
68							

OCEAN SCIENCES STRICKLAND EVENT LOG

VESSEL: Strickland

Collected By: Anna Cappiello

Date: Jan. 28/12

Consecutive Stn #: 18

Station Name: S2B

Notes: (temperature, wind, barometer, weather, sea-state, etc)

air: 5°C calm 30.34

calm

water: 6.4°C

cloud cover: 100%
-rain

Wind: 16 knots NW

EVENT NUMBER	EVENT TYPE	TIME	LAT.	LONG.	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, flow meter readings, etc)
68	CTD cast	12:40 pm	N 48° 33.129'	W 123° 32.073'	214m	204m	
69	Niskin bottles	1:19 pm	N 48° 33.129'	W 123° 32.073'	215m	205m	* 0, 10, 25, 50, 75, 100, 150, 205 8 7 6 5 4 3 2 1
70	Deep zoopl tow	1:46 pm	N 48° 33.135'	W 123° 32.056'	215	50- 100m	-net closed at 50m
71	Shallow zoopl tow	1:59 pm	N 48° 33.142'	W 123° 32.021'	215	0- 50m	