

JUNE 2011

201106  
OCEAN SCIENCES STRICKLAND CTD LOG

DATE (dd-mm)	TIME (UTC)	LAT.	LONG.	STN NAME	BOTTOM DEPTH (m)	CAST DEPTH (m)	CTD File Name	CTD Coor
10 Jun	16:28	48°39.036' N	123°29.024' W	PB3	97m	87m	20110610-PB3	6
10 June	<del>17:41</del> 17:24	48° <del>38.258</del> <sup>35.536</sup> ' N	123° <del>30.046</del>	S3	227	217	20110610-S3	7
10 Jun	1941	48°38.258' N	123°30.046	S4	201	190	20110610-S4	8
10 June	2146	48°43.813' N	123°32.601' W	S11	116	100	20110610-S11	9
10 June	2307	48°45.222' N	123°36.985' N	S13	49	35	20110610-S13	10

# OCEAN SCIENCES STRICKLAND EVENT LOG

VESSEL: Strickland

Date: June 10/11

Collected By: Nicole

Consecutive Stn #: \_\_\_\_\_

Station Name: \_\_\_\_\_

Notes: (temperature, wind, barometer, weather, sea-state, etc) visibility: 20 n miles  
 overcast (80% cover) barometer = 30.8  
 Wind ~~W~~ W 5 knots sea ripples.  
 Temp 13°C sea surface temp. 10.8°C

EVENT NUMBER	EVENT TYPE	Local (PDT) TIME	LAT.	LONG.	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, flow meter readings, etc)
<span style="border: 1px solid red; padding: 2px;">PB1</span> 1	GRAB	8:09 <small>local</small>	48° 39.005' N	123° 27.580' W	11 m	11 m	grey, brown, black sand - green particles, well sorted algae/bivalve remains
2	PHOTO	8:16 <small>local</small>	48° 39.021' N	123° 27.608' W	11 m	5 m	green brown water sample (2 tows)
<span style="border: 1px solid red; padding: 2px;">PB2</span> 3	GRAB	8:32 <small>local</small>	48° 39.020' N	123° 28.176' W	50 m	50 m	grey greenish fine sand. well sorted.
4	PHOTO	8:35 <small>local</small>	48° 39.020' N	123° 28.176' W	50 m	5 m	brown, green, soupy sample. (2 tows)
5	GRAB	8:54 <small>local</small>	48° 39.043' N	123° 29.034' W	98 m	98 m	green (amy/olive) fine mud. vic. sediments
<span style="border: 1px solid red; padding: 2px;">PB3</span> 6	PHOTO	8:54 <small>local</small>	48° 39.043' N	123° 29.034' W	98 m	5 m	biological activity greyish brown water sample (2 tows)
7	gravity CORE	9:12 <small>local</small>	48° 39.074' N	123° 28.955' W	98 m	98 m	- wind dying down surface water interface
8	CTD	9:20 <small>local</small>	48° 39.036' N	123° 29.024' W	97 m	87 m	

# OCEAN SCIENCES STRICKLAND EVENT LOG

VESSEL: Strickland

Date: June 10 2011

Collected By: Mike

Consecutive Stn #: \_\_\_\_\_

Station Name: \_\_\_\_\_

Notes: (temperature, wind, barometer, weather, sea-state, etc)  
 temp: 15°C barometer: 30.09 visibility: 90% cloudy  
 wind: calm sea-temp: 13.1°C 20 Naut Miles  
 sea: calm

EVENT NUMBER	EVENT TYPE	Local TIME	LAT.	LONG.	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, flow meter readings, etc)
9	GRAB	10:03	48°35.626'N	123°29.973'W	227	227	color is black, smells like rotten eggs and kumpoporn
10	Phyto	10:08			227	5	(2 Nows) yellow brown sample
11	CTD	10:24	48°35.536'N	123°30.027'W	227	21.6	
12	bottle	10:44	48°35.519'N	123°30.028'W	227	0-100m	109, 75, 59, 35, 10, 0 (0 25 50 75 90 100)
13	ZOO plank	11:40	48°35.530'N	123°30.006'W	227	101-55	flow: 70200 → 70436 net closed @ 55
14	ZOO plank					50-0	70436 → 70634

# OCEAN SCIENCES STRICKLAND EVENT LOG

VESSEL: Strickland

Date: 10 June 2011

Collected By: Bella

Consecutive Stn #: \_\_\_\_\_

Station Name: 54

Notes: (temperature, wind, barometer, weather, sea-state, etc)  
 temp: 14.0  
 wind: light breeze  
 sea: light chop  
 barometer 29.98 visibility: 20 miles  
 sea temp: 13.4

EVENT NUMBER	EVENT TYPE	Local TIME	LAT.	LONG.	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, flow meter readings, etc)
15	zooplank	12:04	48° 38.245' N	123° 30.018' W	200 m	100 m-53	70634 → 70848 not closed at 53 large euphausiids & jellies; clear water.
16	zooplank	12:27	48° 38.273' N	123° 30.008' W	200 m	50-0 m	70848 → 71125 lots of brown snot; large jellies
17	phyto	12:10	48° 38.248' N	123° 30.051' W	200 m	5 m	2 tows yellow brown sample
18	CTD	12:41	48° 38.258'	123° 30.046' W	201 m	190 m	(6 25 50 15 50 100)
19	bottles	12:56	48° 38.259'	123° 30.076' W	201 m	0 25 150 125 140 150	(0 25 50 75 90 100) 100 75 50 25 10 0 m 2 deep bottles added for vord. fine, jet black, gelatinous, smelly, smooth
20	grab	1:26pm	48° 38.266'	123° 30.140'	202 m	202 m	

zoopl init  
71125

# OCEAN SCIENCES STRICKLAND EVENT LOG

VESSEL: Strickland

Date: 10 June 2011

Collected By: ltd

Consecutive Stn #: \_\_\_\_\_

Station Name: S11

Notes: (temperature, wind, barometer, weather, sea-state, etc)  
 temp: 18  
 barometer: 29.99  
 wind: SE 10 knots  
 sea: 1 ft chop  
 visibility: 20 miles  
 sea temp: 12.5  
 cloud cover: 90%

EVENT NUMBER	EVENT TYPE	local TIME	LAT.	LONG.	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, flow meter readings, etc)
21	grab	14:27	48° 43.824' N	123° 32.656' W	122 m	122 m	green grey sediment, gritty clay, doesn't smell, worms (small), coral/sponge? note: grab partially open, not much collected.
22	phyto	2:27			122 m	5 m	2 tows yellow brownish low visibility.
23	CTD	14:46	48° 43.813' N	123° 32.601' W	116 m	100 m	
24	bubbles	14:56	48° 43.810' N	123° 32.597' W	118 m	75 m	0 25 50 65 75 wire 75 50 25 10 0
25	zoopl	3:20 pm	48° 43.835' N	123° 32.700' W	125 m	100-53 m	low water: 71125 → 71385 water partially filled with brown/green clumped algae. zooplankton plentiful & clear. Some bag sample lost.
26	zoopl	3:45 pm	48° 43.885' N	123° 32.700' W	125 m	50-0 m	71985 → 71785 sample first at brown spot. lots of jellies

# OCEAN SCIENCES STRICKLAND EVENT LOG

VESSEL: Strickland

Date: June 10 2011

Collected By: Holly + Grace

Consecutive Stn #: \_\_\_\_\_

Station Name: S13

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

temp 17°C  
 barometer 29.98 Hg  
 wind SE 4 knots  
 sea height 1/2 ft.  
 visibility: 20 miles  
 sea temp: 13.2°C  
 cloud cover ~80%

EVENT NUMBER	EVENT TYPE	PDT TIME	LAT.	LONG.	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, flow meter readings, etc)
27	phyto	4:01 pm Local	48°45.223' N	123°36.938' W	49	5m	2 tows in large container 1 tow in small container -looks like Piper's Amber Ale
28	CTD	4:07 pm Local	48°45.222' N	123°36.985' W	49m	35m	
29	seal grab	4:13 pm Local	48°48.176' N	123°36.984' W	49	49	-oops! The line broke so we lost the grab! No sample collected. RIP Logging ruins research! THE END

Water Chemistry Sampling  
University of Victoria

Cruise Name: OSM 201106 Date: June 10 2011  
 Station Name: S3 Time: \_\_\_\_\_  
 Consecutive Station#: \_\_\_\_\_ Sampler Names: \_\_\_\_\_  
 Event Number: 12 Kella & Holly

Niskin Bottle	Desired Depth (m)	Nutrients bottle#	Chlorophyll vial#	Vol filtered(ml)
1	100	✓✓✓		
2	75	✓✓✓		
3	50	✓✓✓	✓	250
4	25	✓✓✓	✓	250
5	10	✓✓✓	✓	250
6	0	✓✓✓	✓	250
7				
8				

NOTES:

Water Chemistry Sampling  
University of Victoria

Cruise Name: OSM 20106 Date: June 10/11  
 Station Name: S4 Time: \_\_\_\_\_  
 Consecutive Station#: \_\_\_\_\_ Sampler Names: \_\_\_\_\_  
 Event Number: 19 Nicole & Geordie

Niskin Bottle	Desired Depth (m)	Nutrients bottle#	Chlorophyll vial#	Vol filtered(ml)
1	150	✓	✓	✓
2	125	✓	✓	✓
3	100	✓✓✓	N/A	N/A
4	75	✓✓✓	N/A	N/A
5	50	✓✓✓	✓	250
6	25	✓✓✓	✓	250
7	10	✓✓✓	✓	250
8	0	✓✓✓	✓	250

NOTES:

Water Chemistry Sampling  
University of Victoria

Cruise Name: 201106 Date: 10 Jun 2011  
 Station Name: S11 Time: \_\_\_\_\_  
 Consecutive Station#: \_\_\_\_\_ Sampler Names: \_\_\_\_\_  
 Event Number: 24

Niskin Bottle	Desired Depth (m)	Nutrients bottle#	Chlorophyll via#	Vol filtered(ml)
1	75	✓✓✓		
2	50	✓✓✓	✓	250 mL
3	25	✓✓✓	✓	250
4	10	✓✓✓	✓	250
5	0	✓✓✓	✓	250
6				
7				
8				

NOTES:

Water Chemistry Sampling  
University of Victoria

Cruise Name: \_\_\_\_\_ Date: \_\_\_\_\_  
 Station Name: \_\_\_\_\_ Time: \_\_\_\_\_  
 Consecutive Station#: \_\_\_\_\_ Sampler Names: \_\_\_\_\_  
 Event Number: \_\_\_\_\_

Niskin Bottle	Desired Depth (m)	Nutrients bottle#	Chlorophyll via#	Vol filtered(ml)
1				
2				
3				
4				
5				
6				
7				
8				

NOTES: