

314

UVIC OCEAN SCIENCES EVENT LOG

Cruise ID: 202209

Collected By: Lizzie Burke
Megan RM

Date: Sept 24
 Vessel: R/V Stickleland
 Course: EOS 314

Notes: (temperature, wind, barometer, weather, sea-state, etc)
 16°C, calm & sunny

STATION	EVENT TYPE	TIME (24h format)	LATITUDE (N) (dd mm.mmm)	LONGITUDE (W) (ddd mm.mmm)	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, problems, sediment descriptions)
A1 H1	1 ¹ CTD	17:01	48° 42.870	123° 14.708	337	320 320 305 line out	line @ angle Real cast depth = ~250m (from CTD)
A2	2 ² CTD	17:35	48° 44.305	123° 17.233	168	165m (line out)	cast depth = 142m
A3	3 ³ CTD	17:58	48° 45.890	123° 19.427	99.5	105 (line out)	hit the bottom "touched" cast depth = 78m
A5	4 ⁴ CTD	18:20	48° 45.718	123° 21.916	118	~120 line out	cast depth = 120 bottom!
S8	5 ⁵ CTD	18:37	48° 44.595	123° 23.590	80	~84 line out	cast depth =

EVENT NUMBER = each "cast" of equipment is given a new number, sequential from the beginning of the cruise.
 EVENT TYPE = CTD, NISK, ZOO, PHYTO, GRAB, CORE
 Cast Depth = deepest depth the equipment reaches Bottom Depth = depth of water

314

UVIC OCEAN SCIENCES EVENT LOG

Cruise ID: 202209

Collected By: Megan KIM

Date: Sept 19
 Vessel: RV Strickland
 Course: E05 314

Notes: (temperature, wind, barometer, weather, sea-state, etc)
 calm & sunny 9 km/hr 21°C tide = 2-3m
 ≤ 6 knot (light wind) wave = < 1 inch

STATION	NUM BEER EVENT TYPE	TIME (24h UTC format)	LATITUDE (N) (dd mm.mmm)	LONGITUDE (W) (ddd mm.mmm)	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, problems, sediment descriptions)
58	6 CTD (other tow) (Seabird)	18:44	48° 44.555	123° 27.674	70	~ 65 line out	second cast to compare with other CTD instrument 202209-24-58.hex
S5.5	7 CTD	22:09 15:04	48° 43.655	123° 25.084	83	~ 80 line out	
S5	8 CTD	22:28	48° 42.916	123° 27.352	62m	~ 72 line out	Cast depth deeper than actual depth check the CTD depth data
S12.5	9 CTD	22:39	48° 42.488	123° 28.388	81m	90m line out	- cast deeper than bottom - check CTD depth data
S12	CTD ¹⁰	22:56	48° 41.548	123° 29.919	112m 90m	97m line out	" "

EVENT NUMBER = each "cast" of equipment is given a new number, sequential from the beginning of the cruise.
 EVENT TYPE = CTD, NISK, ZOO, PHYTO, GRAB, CORE

Cast Depth = deepest depth the equipment reaches Bottom Depth = depth of water

Wana, Began
Morgan, Autumn
Shuang

314

UVIC OCEAN SCIENCES EVENT LOG

Cruise ID: 202209

Collected By: _____

Date: Sept 24
Vessel: RV Strickland
Course: FOS 314

Notes: (temperature, wind, barometer, weather, sea-state, etc)
 calm & sunny 21°C
 light wind ≤ 6 knot
 tide = 2.3m
 wave = < 1 inch

STATION	EVENT TYPE	TIME (24h format)	LATITUDE (N) (dd mm.mmm)	LONGITUDE (W) (ddd mm.mmm)	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, problems, sediment descriptions)
S4.5	CTD ¹¹	23:10	N 48° 40.453	W 123° 30.391	147 m	~ 150 m line out	Cast deeper than bottom depth Check data file depth
S.A.5b	CTD ¹²	23:26	N 48° 39.587	W 123° 30.190	181 m	180 m line out	
S4	CTD ¹³	23:44	N 48° 38.742	W 123° 30.107	201 m	200 m line out	
S4	CTD ¹⁴ (OTHER ONE SEATED)	23:56	N 48° 38.322	W 123° 30.093	202 m	195 line out	second cast compare with other CTD instrument (RBR) * send 10 m depth, wait until no bubbles → pull up data file name: 202209-24S4_hex avoid oxygen data

EVENT NUMBER = each "cast" of equipment is given a new number, sequential from the beginning of the cruise.

EVENT TYPE = CTD, NISK, ZOO, PHYTO, GRAB, CORE

Cast Depth = deepest depth the equipment reaches Bottom Depth = depth of water

UVIC OCEAN SCIENCES EVENT LOG

Cruise ID: _____

Collected By: Sturdevant
 Recorded by: IZZY T

Date: Sept 28th 2022

Notes: (temperature, wind, barometer, weather, sea-state, etc)
 13°C, mostly cloudy, windless, SE 14km/h, calm sea, no precip. (variable) overcast mainly.

Vessel: 3333 Sturdevant

Course: EMS 314

(UTC = +7hrs)

STATION	EVENT TYPE	TIME (UTC) (24h format)	LATITUDE (N) (dd mm.mmm)	LONGITUDE (W) (ddd mm.mmm)	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, problems, sediment descriptions)
A1	E15 (CTD)	1650	48°42.888	23°46.017	340	320 (305?)	*possible issue with O ₂ sensor (not equilibrated)
A2	E16 (CTD)	1710	48°44.367	23°17.358	165 155	155	-7m to bottom
A3	E17 (CTD)	1741	48°45.905	23°09.455	102m	15m of 112m depth	
A5	E18 (CTD)	1810	48°45.75	23°21.913	123m	110m	
S8	E19 (CTD)	1830	48°44.556	23°23.596	91m	91m	-7m to bottom

EVENT NUMBER = each "cast" of equipment is given a new number, sequential from the beginning of the cruise.

EVENT TYPE = CTD, NISK, ZCOP, PHYTO, GRAB, CORE

Cast Depth = deepest depth the equipment reaches Bottom Depth = depth of water

WED. AFT CRUISE

Collected By: KAI JOBIN

Cruise ID: _____

UVIC OCEAN SCIENCES EVENT LOG

Notes: (temperature, wind, barometer, weather, sea-state, etc)
 - Temp: 18°C, barometer: 29.74 mmHg, calm seas, light wind (not enough to weather) - cloudy conditions to the NE, sunny w/ scattered clouds at the sampling sites
 - Around 2239 darker clouds coming in from the east

Date: Sept. 28, 2022
 Vessel: JOHN STRICKLAND
 Course: EOS 314

STATION	EVENT TYPE	TIME (24h UTC format)	LATITUDE (N) (dd mm.mmm)	LONGITUDE (W) (dd mm.mmm)	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, problems, sediment descriptions)
S 5.5	E20 (CTD)	2136	48° 44.550' *operator super wrong, Garmin was not working & error	123° 23.590' *operator super wrong, Garmin was not working & error	84	84	- Went 26k further (on the line) than the bottom - Taylor looks STELLAR in hard hat (in her own words)
S 5	E21	2157	48° 42.777' *operator error	123° 27.597' not accurate, 123.5 Garmin wasn't working	64	64	- Sent down by Willem (hard hat over hat !!) - touched bottom.
S 12.5	E22	2206	48° 42.437'	123° 28.420'	80.6	80.6	- Brooke sent it down → sick cow print rain boots - Devon climbed the A-frame to fix a dial - hit the bottom → Shannon on the rope
S 12	E23	22 22	48° 41.527'	123° 29.956'	94	94	- Shannon sent it down - hit the bottom
S 4.5	E24	2235	48° 40.436'	123° 30.406'	150 150	170 (didn't find bottom)	- Kai sent it down (Shannon recording) - Boat said 150m depth, CTD went 170m and didn't find bottom

EVENT NUMBER = each "cast" of equipment is given a new number, sequential from the beginning of the cruise.

EVENT TYPE = CTD, NISK, ZOOPLANKTON, PHYTOPLANKTON, GRAB, CORE

Cast Depth = deepest depth the equipment reaches Bottom Depth = depth of water

UVIC OCEAN SCIENCES EVENT LOG

Cruise ID: _____

Collected By: Recorded by Kai

Date: Sept 28, 2022
Vessel: JOHN STRICKLAND
Course: EOS 314

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

STATION	EVENT TYPE	TIME (24h format)	LATITUDE (N) (dd mm.mmmm)	LONGITUDE (W) (ddd mm.mmmm)	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, problems, sediment descriptions)
S 4.25	E25	2255	48°39.607'	123°36.200'	181	181	- Deion sent it down (hard hat over log) - Bottom is very muddy, hard to feel bottom
S 4	E26	2317	48°38.297'	123°36.103'	202	200	- Taylor deploying CTD ↳ still looks great in hardhat - did not feel bottom - Rain bow spotted

EVENT NUMBER = each "cast" of equipment is given a new number, sequential from the beginning of the cruise.
 EVENT TYPE = CTD, NISK, ZOO, PHYTO, GRAB, CORE
 Cast Depth = deepest depth the equipment reaches Bottom Depth = depth of water

UVIC OCEAN SCIENCES EVENT LOG

Cruise ID: 202209

Collected By: Elise

Date: Sep 22 2022

Vessel: Strickland

Course: BIDL/EOS 311

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

Sunny, calm, 15°C, Wind 19 km/h NE

STATION	EVENT TYPE	TIME (24h format)	LATITUDE (N) (dd mm.mmmm)	LONGITUDE (W) (ddd mm.mmmm)	BOTTOM DEPTH (m)	CAST DEPTH (m)	NOTES (e.g. CTD file names, bottle depths, problems, sediment descriptions)
S1	¹ CTD	9:20	48°30.906	123°32.430	146	141	Cast 1 20220922 - S1.hex
S1	² NISK	10:05	48°30.934	123°32.404	146	125	Cast 2 0m (1), 5m (2), 10m (3), 20m (4), 30m (5), 40m (6), 50m (7), 75m (8), 100m (9), 125m (10) bottle 1 bottom O-ring leaking bottle 3 bottom O-ring leaking
S1	³ ZOOB	10:40	48°30.934	123°32.404	143	133	32,732 flow meter start Cast 3 32,748 flow meter end single cod end split for samples
S1	⁴ ZOOB	11:10	48°30.934	123°32.404	142	50	32,748 flow meter start Cast 4 caught a jelly (left bongo compromised) 33,736 flow meter end single cod split for samples

EVENT NUMBER = each "cast" of equipment is given a new number, sequential from the beginning of the cruise.

EVENT TYPE = CTD, NISK, ZOOB, PHYTO, GRAB, CORE

Cast Depth = deepest depth the equipment reaches Bottom Depth = depth of water