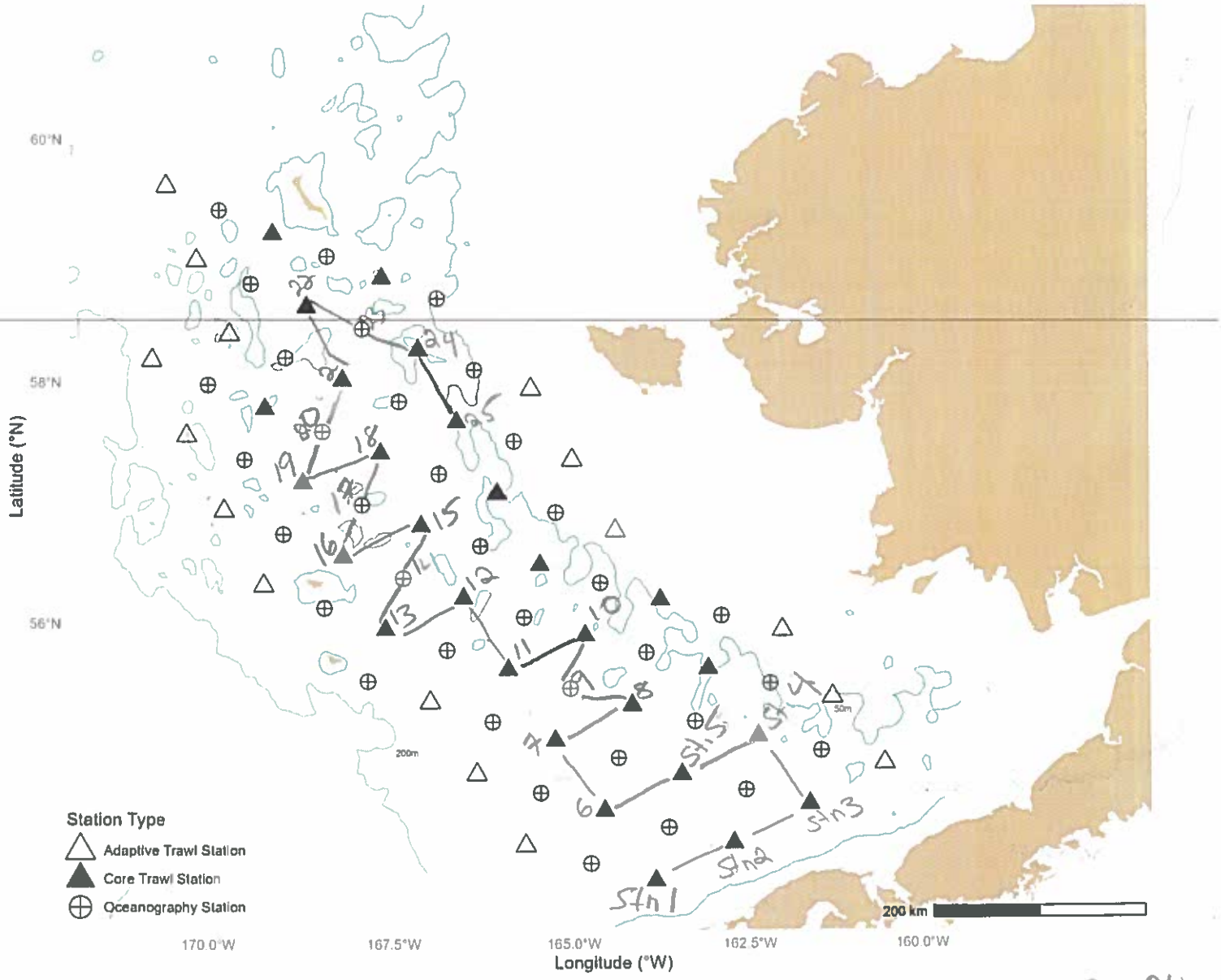
DY24-09



Station # – Number assigned to station based on sampling order

Haul # – number denoting sample operation # @ each station

Event ID – sequential # for each sampling assigned by CLAMS, doesn't reset.

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName
Oscar Dyson 2024	DY2409	SEBS leg 1	

CTD Cast #	LATITUDE			LONGITUDE			GMT DATE (note if not GMT)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
1	55	30.676	N	-164	0.237	W	16	08	24	12:17			94	1	1

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
~~Transmiss S/N~~ turbidity
PAR S/N
O2 SBE42S/N

Weather:

CTD MAX. DEPTH = 89

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Too dark for Forel Ule ✱ Nutrient label ID's out of order.
Hit CLAMS EQ on upcast

✱ eDNA blank had issues, sink water from 2 different sinks filtering heavy brown ?? Will try to get DI water for the rest.

Nisk #	DEPTH DESIRED	Rosette Notes: SALT Btl	Rosette Notes: ✱ Nut.Btl	GFF vol	>10 Large Vol	GF/F dup vol	>10 dup vol (large)	~~Preserved~~ Phyto (formalin) IFCB	~~Flow Cytometry~~ SWS collected	eDNA ✱	OA/DIC	Forel Ule (check below if registered in log)	Notes/ other samples
1	89										X		~~O2~~ at bottom 6.2"
2	75										X		
3	50		0034	~~250~~	250						X		
4	40		0037	250	250					X 10m	X		
5	30		0046	250	250						X		
6	20		0043	250	250						X		
7	10		0031	250	250					10m	X		
8	0		0049	250	250						X		
9													
10													
11													
12													

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName
Oscar Dyson 2024	DY2409	SEBS leg 1	

CTD Cast #	LATITUDE			LONGITUDE			GMT DATE	(note if not GMT)		GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
2/10 1125	56	01.42	N	162	58.786	W	17	08	24	07	36		85	2	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather:

CTD MAX. DEPTH = 77

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Boat rocking a bit, deployed to 10m above bottom
Cast #2, event # 10 (adding event # in scs
eDNA blanks now using DI water. U

Nisk #	DEPTH DESIRED	Rosette Notes SALT Btl	Rosette Notes Nut.Btl	GFF vol	>10 Large Vol	GF/F dup vol	>10 dup vol (large)	Preserved Phyto (formalin)	~~Flow Cytometry~~ stable 150	eDNA	OA/DIC	Forel Ule (check below if registered in log)	Notes/ other samples
1	75		058						2260		X		
2	50		057	250	250						X		
3	40		056	250	250						X		
4	30		055	250	250	250	250				X		
5	20		054	250	250						X		
6	10		053	250	250				2138	3L	X		
7	0		052	250	250						O_2 / X	✓	267 = DO
8													
9													
10													
11													
12													

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName
Oscar Dyson 2024	DY2409	SEBS leg 1	

CTD Cast #	LATITUDE			LONGITUDE			GMT DATE	(note if not GMT)		GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
3/19	57	0.031	N	-162	59.74	W	20	08	24	05:03			63	4	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather:

CTD MAX. DEPTH = 60

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Cast # [illegible] 5

Nisk #	DEPTH DESIRED	Rosette Notes SALT Btl	Rosette Notes Nut.Btl	GFF vol	>10 Large Vol	GF/F dup vol	>10 dup vol (large)	Preserved Phyto (formalin)	~~Stb. Flow Cytometry~~ ISO	eDNA	~~CA~~/DIC	Forel Ule (check below if registered in log)	Notes/ other samples
1	57		65	—	—				2260	3L	X	✓	
2	50		64	250	250						X		
3	40		63	250	250						X		
4	30		62	250	250						X		
5	20		61	250	250						X		
6	10		60	250	250	250	250		2138	3L	X		
7	0		59	250	250						X		
8													
9													
10													
11													
12													

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName
Oscar Dyson 2024	DY2409	SEBS leg 1	

CTD Cast #	LATITUDE			LONGITUDE			GMT DATE (note if not GMT)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
4/23			N			W	20	08	24				81	5	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather:

CTD MAX. DEPTH = 74.8

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Cast # 4, event # 23, event # added to SCS

Nisk #	DEPTH DESIRED	Rosette Notes SALT Btl	Rosette Notes Nut.Btl	GFF vol	>10 Large Vol	GF/F dup vol	>10 dup vol (large)	Preserved Phyto (formalin)	~~Flow~~ Cytometry SH.ISO	eDNA	OA/DIC		Forel Ule (check below if registered in log)	Notes/ other samples
1	75		72	—	—				2260	3L	O2	X		O2 at 0915
2	50		71	250	250							X		
3	40		70	250	250							X		
4	30		69	250	250							X		
5	20		68	250	250							X		
6	10		67	250	250				2138	3L		X		
7	0		66	250	250							X		
8														
9														
10														
11														
12														

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName
Oscar Dyson 2024	DY2409	SEBS leg 1	—

CTD Cast #	LATITUDE			LONGITUDE			GMT DATE	(note if not GMT)		GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
5/31	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
	56	0.147	N	-164	58.596	W	21	08	24	5	05am	9.53	96	6	6

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather:

CTD MAX. DEPTH =

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Cast # 5, Event # 31 (Event # added to SCS)
Chl max @~36m – ~40m

Nisk #	DEPTH DESIRED	Rosette Notes SALT Btl	Rosette Notes Nut.Btl	GFF vol	>10 Large Vol	GF/F dup vol	>10 dup vol (large)	Preserved Phyto (formalin)	Flow Cytometry STD ISO	eDNA	OA/DIC	Forel Ule (check below if registered in log)	Notes/ other samples
1	90		80	—	—				2260		X		
2	75		79	—	—						X		
3	50		78	250	250						X		
4	40		77	250	250					3L	X		
5	30		76	250	250						X		
6	20		75	250	250						X		
7	10		74	250	250	250	250		2138	3L	X		
8	0		73	250	250						O2/X		241=O2
9													
10													
11													
12													

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName
Oscar Dyson 2024	DY2409	SEBS leg 1	

CTD Cast #	LATITUDE			LONGITUDE			GMT DATE (note if not GMT)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
6/35	56	29.268	N	-165	59.534	W	21	08	24	11	35		87	7	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather:

CTD MAX. DEPTH =

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Cast #6 Event #35, event added to SCS

Nisk #	DEPTH DESIRED	Rosette Notes SALT Btl	Rosette Notes Nut.Btl	GFF vol	>10 Large Vol	GF/F dup vol	>10 dup vol (large)	Preserved Phyto (formalin)	Flow Cytometry SHO ISO	eDNA	OA/DIC	Forel Ule (check below if registered in log)	Notes/ other samples
1	82		88	—	—				2260		X		O_2 = 242
2	75		87	—	—						X		
3	50		86	250	250					3L	X		
4	40		85	250	250						X		
5	30		84	250	250						X		
6	20		83	250	250						X		
7	10		82	250	250				2138	3L	X		
8	0		81	250	250						O_2 / X		
9													
10													
11													
12													

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName
Oscar Dyson 2024	DY2409	SEBS leg 1	—

CTD Cast #	LATITUDE			LONGITUDE			GMT DATE	(note if not GMT)		GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
7/43	57	0.098	N	165	0.297	W	22	08	24	4	19am		70	8	

Sensor IDS (initially & swap-outs)

SBE type and S/N —
PRESS S/N —
TEMP 1 &2 SNs —
COND 1&2 S/Ns —
FLUOR S/N —
O2 (SBE43) S/N —
Transmiss S/N —
PAR S/N —
O2 SBE42S/N —

Weather:

CTD MAX. DEPTH = 66m

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

CTD cast # 7, event # 43

~~#~~ bottle 7 is leaking

~~#~~ DIC duplicate samples at surface, bac + halocline haeacein @ ~40m

Bottle not tripped @ deep depth

Nisk #	DEPTH	Rosette Notes		GFF vol	>10 Large Vol	GF/F dup vol	>10 dup vol (large)	Preserved Phyto (formalin)	~~Flow~~ Cytometry S+b FSD	eDNA	OA/DIC		Forel Ule (check below if registered in log)	Notes/ other samples
	DESIRED	SALT Btl	Nut.Btl											
1	66		95	—	—						O2	XX		O_2 = 239
2	50		94	250	250				2260	3L		X		
3	40		93	250	250							X		
4	30		92	250	250							X		
5	20		91	250	250							X		
6	10		90	250	250	250	250	X	2138	3L		X		
7	0		89	250	250							XX		Lm 1
8														
9														
10														
11														
12														

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName
Oscar Dyson 2024	DY2409	SEBS leg 1	

CTD Cast #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE (note if not GMT) DAY	MO	YR	GMT Time HR	MIN	Surface Temp (°C)	BOTTOM DEPTH (m)	STATION NUMBER	STN. NAME/ID
8 / 47	56	59.676	N	165	59.795	W	22	08	24				72	9	

Sensor IDS (initially & swap-outs)	
SBE type and S/N	
PRESS S/N	
TEMP 1 &2 SNs	
COND 1&2 S/Ns	
FLUOR S/N	
O2 (SBE43) S/N	
Transmiss S/N	
PAR S/N	
O2 SBE42S/N	

Weather:

CTD MAX. DEPTH =

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Cast # 8, event # 47

Bottle #7 taken out of rotation (Cle[illegible])

→ lots of ship heave!

Nisk #	DEPTH DESIRED	Rosette Notes SALT Btl	Nut.Btl	GFF vol	>10 Large Vol	GF/F dup vol	>10 dup vol (large)	Preserved Phyto (formalin)	Flow-Cytometry	eDNA	OA/DIC	Forel Ule (check below if registered in log)	Notes/ other samples
1	67		102	—	—				2260		X		
2	50		101	250	250					3L	X		
3	40		100	250	250						X		
4	30		99	250	250						X		
5	20		98	250	250						X		
6	10		97	250	250			X	2138	3L	X		
7													
8	0		96	250	250						X		
9													
10													
11													
12													

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName
Oscar Dyson 2024	DY2409	SEBS leg 1	

CTD Cast #	LATITUDE			LONGITUDE			GMT DATE (note if not GMT)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
9/50	57	29.98	N	165	59.725	W	22	08	24	14	37		67	10	

Sensor IDS (initially & swap-outs)

SBE type and S/N:
PRESS S/N:
TEMP 1 &2 SNs:
COND 1&2 S/Ns:
FLUOR S/N:
O2 (SBE43) S/N:
Transmiss S/N:
PAR S/N:
O2 SBE42S/N:

Weather:

CTD MAX. DEPTH = 62

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

CTD cast 9, Event 50

Nisk #	DEPTH DESIRED	Rosette Notes SALT Btl	Rosette Notes Nut.Btl	GFF vol	>10 Large Vol	GF/F dup vol	>10 dup vol (large)	Preserved Phyto (formalin)	~~Flow Cytometry~~ SYBR20	eDNA	OA/DIC	Forel Ule (check below if registered in log)	Notes/ other samples
1	62		109	—	—				2260		X		
2	50		108	250	250					3L	X		
3	40		107	250	250						X		
4	30		106	250	250						X		
5	20		105	250							X		
6	10		104	250				X	2138	3L	X		
7													
8	0		1								X		D
9													
10													
11													
12													

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName
Oscar Dyson 2024	DY2409	SEBS leg 1	

CTD Cast #	LATITUDE			LONGITUDE			GMT DATE	(note if not GMT)		GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
10/58	56	59.968	N	-166	59.453	W	23	08	24				74	11	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather:

CTD MAX. DEPTH =

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

CTD cast #1, 58

PYC @ ~30

Nisk #	DEPTH DESIRED	Rosette Notes SALT Btl	Rosette Notes Nut.Btl	GFF vol	>10 Large Vol	GF/F dup vol	>10 dup vol (large)	Preserved Phyto (formalin) IFCB	Flow-Cytometry 54b150	eDNA	OA/DIC		Forel Ule (check below if registered in log)	Notes/ other samples
1	69	16	116	—	—				2260		O_2	X		O_2 = 284
2	50	15	115	250	250							X		
3	40	14	114	250	250					3L		X		
4	30	13	113	250	250			X				X		
5	20	12	112	250	250							X		
6	10	11	111	250	250			X	2138	3L		X		
7														
8	0	10	110	250	250							X		
9														
10														
11														
12														

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName
Oscar Dyson 2024	DY2409	SEBS leg ___ | ___	

CTD Cast #	LATITUDE			LONGITUDE			GMT DATE (note if not GMT)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
11 / 62	57	29.26	N	-168	02.15	W	23	08	24				70	12	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather:

CTD MAX. DEPTH = 66

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

CTD cast #11, SCS event #62

Pyc @ ~ 30-35

Nisk #	DEPTH DESIRED	Rosette Notes SALT Btl	Rosette Notes Nut.Btl	GFF vol	>10 Large Vol	GF/F dup vol	>10 dup vol (large)	~~Preserved Phyto (formalin)~~ IFCB	~~Flow Cytometry~~ Stabitso	eDNA	OA/DIC	Forel Ule (check below if registered in log)	Notes/ other samples
1	66		123	–	–				2260		X		O2 = 357
2	50		122	250	250					36	X		
3	40		121	250	250						X		
4	30		120	250	250			X			X		
5	20		119	250	250						X		
6	10		118	250	250			X	2138	36	X		
7													
8	0		117	250	250						X		
9													
10													
11													
12													

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName
Oscar Dyson 2024	DY2409	SEBS leg 1	

CTD Cast #	LATITUDE			LONGITUDE			GMT DATE	(note if not GMT)		GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
12/70	56	59.87	N	-169	0.395	W	24	08	24	03	48			13	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather:

CTD MAX. DEPTH =

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

CTDcast # 12, Event # 70
chl max @ 75m

* Bottles 2 & 8 did not trip. Will clean CTD triggers and dunk test for next stn.

Nisk #	DEPTH DESIRED	Rosette Notes SALT Btl	Rosette Notes Nut.Btl	GFF vol	>10 Large Vol	GF/F dup vol	>10 dup vol (large)	Preserved Phyto (formalin) FFCB	Flow Cytometry stbISO	eDNA	OA/DIC	Forel Ule (check below if registered in log)	Notes/ other samples
1	75		128	—	—				2260		X		O2 = 345
2	50		125	250	250					3L	X		
3	40		127					X			X		
4	30		126								X		
5	20		125								X		
6	10		124			250	250	X	2138	3L	X		
7													
8	0										X		
9													
10													
11													
12													

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName
Oscar Dyson 2024	DY2409	SEBS leg 1	

CTD Cast #	LATITUDE			LONGITUDE			GMT DATE	(note if not GMT)		GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
13/74	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
	57	30.093	N	-169	0.321	W	24	08	24	07	59		71	14	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather:

CTD MAX. DEPTH =

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

CTD cast #13, Event # 74
Pyc @ 30

Nisk #	DEPTH DESIRED	Rosette Notes SALT Btl	Rosette Notes Nut.Btl	GFF vol	>10 Large Vol	GF/F dup vol	>10 dup vol (large)	Preserved Phyto (formalin) FFGB	Flow-Cytometry S+b ISO	eDNA	OA/DIC		Forel Ule (check below if registered in log)	Notes/ other samples
1	66		135	—	—				2260			X		
2	50		134	250	250					3L		X		
3	40		133									X		
4	30		132					X				X		
5	20		131									X		
6	10		130					X	2138	3L		X		
7														
8	0		129									X		
9														
10														
11														
12														

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName
Oscar Dyson 2024	DY2409	SEBS leg 1	

CTD Cast #	LATITUDE			LONGITUDE			GMT DATE (note if not GMT)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
14/77	57	59.765	N	169	0.228	W	24	08	24	11:21	cm		71	15	

Sensor IDS (initially & swap-outs)

SBE type and S/N:
PRESS S/N:
TEMP 1 &2 SNs:
COND 1&2 S/Ns:
FLUOR S/N:
O2 (SBE43) S/N:
Transmiss S/N:
PAR S/N:
O2 SBE42S/N:

Weather:

CTD MAX. DEPTH =

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

CTD cast # 14, Event # 77

Pyc. @ ~30m

Nisk #	DEPTH DESIRED	Rosette Notes SALT Btl	Rosette Notes Nut.Btl	GFF vol	>10 Large Vol	GF/F dup vol	>10 dup vol (large)	Preserved Phyto (formalin) IFCB	Flow Cytometry sthISO	eDNA	OA/DIC	Forel Ule (check below if registered in log)	Notes/ other samples
1	66		142	—	—				2260		X		
2	50		141	250	250					3L	X		
3	40		140	↓	↓						X		
4	30		139	↓	↓			X			X		
5	20		138	↓	↓						X		
6	10		137	↓	↓			X	2138	3L	X		
7													
8	0		136	↓	↓						O2 / X		O2 = 312
9													
10													
11													
12													

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName
Oscar Dyson 2024	DY2409	SEBS leg 1	—

CTD Cast #	LATITUDE			LONGITUDE			GMT DATE	(note if not GMT)		GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
15/85	57	29.695	N	169	59.819	W	25	08	24	03:52			68	16	~~F~~

Sensor IDS (initially & swap-outs)	Weather:	CTD MAX. DEPTH = 63
SBE type and S/N		
PRESS S/N	COMMENT: Difficult conditions, factors that may affect measurements or aid processing	
TEMP 1 &2 SNs	CTD cast 15, Eve # 5	
COND 1&2 S/Ns	Pyc @ ~45m	
FLUOR S/N		
O2 (SBE43) S/N	Duplicate DIC @ surface	
Transmiss S/N		
PAR S/N		
O2 SBE42S/N		

Nisk #	DEPTH DESIRED	Rosette Notes SALT ~~Btl~~	Rosette Notes Nut.Btl	GFF vol	>10 Large Vol	GF/F dup vol	>10 dup vol (large)	~~Preserved Phyto~~ (formalin) IFCB	~~Flow~~ Cytometry Sth ISO	eDNA	OA/DIC		Forel Ule (check below if registered in log) ✓	Notes/ other samples
1	63		149	—	—				2260			X		
2	50		148	250	250					3L		X		
3	40		147	|	|			X				X		
4	30		146	|	|							X		
5	20		145	|	|							X		
6	10		148	|	|	250	250	X	2138	3L		X		
7				|	|									
8	0		143	|	|						OA			O_2 = 290
9	0											XX		dup ~~water~~ sample DIC
10														
11														
12														

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName
Oscar Dyson 2024	DY2409	SEBS leg 1	

CTD Cast #	LATITUDE			LONGITUDE			GMT DATE	(note if not GMT)		GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
16/89	58	0.3204	N	-169	59.928	W	25	08	24	08:10am			72	17	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather:

CTD MAX. DEPTH =

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

CTD cast # 16, event 89

PgC ~35-45m

Nisk #	DEPTH DESIRED	Rosette Notes SALT Btl	Rosette Notes Nut.Btl	GFF vol	>10 Large Vol	GF/F dup vol	>10 dup vol (large)	Preserved Phyto (formalin) IFCB	Flow Cytometry SubISO	eDNA	OA/DIC	Forel Ule (check below if registered in log)	Notes/ other samples
1	67		156	—	—				2260		X		
2	50		155	250	250					3L	X		
3	40		154	↓	↓						X		
4	30		153					X			X		
5	20		152								X		
6	10		151					(X)	2138	3L	X		10m sample IFCB file lost
7													
8	0		150	↓	↓						X		
9													
10													
11													
12													

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName
Oscar Dyson 2024	DY2409	SEBS leg 1	

CTD Cast #	LATITUDE			LONGITUDE			GMT DATE (note if not GMT)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
17/92	58	29.98	N	169	59.688	W	25	08	24				71	18	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather:

CTD MAX. DEPTH = 66

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Cast# 17, Event

Pyc jus above 40m

Nisk #	DEPTH DESIRED	Rosette Notes SALT Btl	Rosette Notes Nut.Btl	GFF vol	>10 Large Vol	GF/F dup vol	>10 dup vol (large)	Preserved Phyto (formalin) IFCB	Flow Cytometry Shp Iso	eDNA	OA/DIC	Forel Ule (check below if registered in log)	Notes/ other samples
1	66		163	—	—				2260		X		O_2 = 294
2	50		162	250	250					3L	X		
3	40		161					X			X		
4	30		160								X		
5	20		159								X		
6	10		158					X	2138	3L	X		
~~7~~													
8	0		157	↓	↓						X		
9													
10													
11													
12													

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName
Oscar Dyson 2024	DY2409	SEBS leg 1	—

CTD Cast #	LATITUDE			LONGITUDE			GMT DATE	(note if not GMT)		GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
18/98	58	0.59	N	170	58.87	W	26	08	24	04	45	7.5	88	19	

Sensor IDS (initially & swap-outs)

SBE type and S/N: —
PRESS S/N: —
TEMP 1 &2 SNs: —
COND 1&2 S/Ns: —
FLUOR S/N: —
O2 (SBE43) S/N: —
Transmiss S/N: —
PAR S/N: —
O2 SBE42S/N: —

Weather:

CTD MAX. DEPTH = 78m

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

cast #18, event #98
winds & swells high. going to fog (T), a
pyc @ 35-40m
long time before sampling could occur a r CT dark due to safety standown & weather. (Gases, Cells settling et c.)

Nisk #	DEPTH DESIRED	Rosette Notes SALT Btl	Rosette Notes Nut.Btl	GFF vol	>10 Large Vol	GF/F dup vol	>10 dup vol (large)	Preserved Rhyto (formalin) IFCB	Flow Cytometry (SLBL ISO)	eDNA	OA/DIC	Forel Ule (check below if registered in log)	Notes/ other samples
													O_2=354
1	76		170	—	—				1760		O_2/ X		5P edna
2	50		169	250	250					3L	X		
3	40		168	"	"					—	X		
4	30		167	"	"						X		
5	20		166	"	"						X		
6	10		165	"	"	250	250	X	2135	3L	Y		
7	—	—	—	—	—	—	—	—	—	—	—	—	—
8	0		164	"	"						X		
9													
10													
11													
12													

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName
Oscar Dyson 2024	DY2409	SEBS leg 1	

CTD Cast #	LATITUDE			LONGITUDE			GMT DATE (note if not GMT)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
19/99	58	29.68	N	170	59.52	W	26	08	24	08:48			85	20	

Sensor IDS (initially & swap-outs)

SBE type and S/N

PRESS S/N

TEMP 1 &2 SNs

COND 1&2 S/Ns

FLUOR S/N

O2 (SBE43) S/N

Transmiss S/N

PAR S/N

O2 SBE42S/N

Weather:

CTD MAX. DEPTH = 76

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Cast #19, event #99

- pyc @ ~40, cold pool, bottom temp ~1.8°C
- weather marginal for CTD, lots of ship heave and high angle on line during deployment.

Nisk #	DEPTH DESIRED	Rosette Notes SALT Btl	Rosette Notes Nut.Btl	GFF vol	>10 Large Vol	GF/F dup vol	>10 dup vol (large)	Preserved Phyto (formalin) IFCB	Flow Cytometry ISO	eDNA	OA/DIC		Forel Ule (check below if registered in log)	Notes/ other samples
1	75		177	—	—				2260			X		
2	50		176	250	250					3L		X		
3	40		175	↓	↓			X				X		
4	30		174	↓	↓							X		
5	20		173	↓	↓							X		
6	10		172	↓	↓			X	2136	3L		X		
7				↓	↓	↓								
8	0		171	↓	↓	↓						X		
9														
10														
11														
12														

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName
Oscar Dyson 2024	DY2409	SEBS leg 1	

CTD Cast #	LATITUDE			LONGITUDE			GMT DATE			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
20/101	59	0.486	N	170	59.893	W	26	08	24	13:18		6.44	78	A1	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather:

CTD MAX. DEPTH = 73

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Cast # 20, event # 1 1
Cold Pool. PyC @ ~40m

Nisk #	DEPTH DESIRED	Rosette Notes SALT Btl	Rosette Notes Nut.Btl	GFF vol	>10 Large Vol	GF/F dup vol	>10 dup vol (large)	Preserved Phyto (formalin) IFCB	stable Flow Cytometry Isotopes	eDNA	OA/DIC	Forel Ule (check below if registered in log)	Notes/ other samples
1	73		184	—	—				2260		X		
2	50		183	250	2 0					3L	X		
3	40		182	|	|			X			X		
4	30		181	|	|						X		
5	20		180	|	|						X		
6	10		179	|	|			X	2136	3L	X		
7													
8	0		178	|	|						O_2 / X		O_2 = 349
9													
10													
11													
12													

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName
Oscar Dyson 2024	DY2409	SEBS leg 1	

CTD Cast #	LATITUDE			LONGITUDE			GMT DATE			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
21/109	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
	59	29.506	N	170	0.038	W	27	08	24				60	22	

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather:

CTD MAX. DEPTH = 56

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Cast # 21, Event # 109
Ship Leone
duplicate DIC @ surface & bottom
Pyc @ ~ 40
Coccolithophore Sample collected for Lomas @ surface

Nisk #	DEPTH DESIRED	Rosette Notes SALT Btl	Rosette Notes Nut.Btl	GFF vol	>10 Large Vol	GF/F dup vol	>10 dup vol (large)	~~Preserved~~ Phyto ~~(formalin)~~ FFG3	~~Flow Cytometry~~ Stb. Iso	eDNA	OA/DIC		Forel Ule (check below if registered in log) ✓	Notes/ other samples
1	55		190	250	250				2260		08	X X		
2	40		189	"	"			X		3L		X		
3	30		188	"	"							X		
4	20		187	"	"							X		
5	10		186	"	"	250	250	X	2136	3L		X		
6	0		185	"	"							X X		Coma sample
7														
8														
9														
10														
11														
12														

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName
Oscar Dyson 2024	DY2409	SEBS leg 1	

CTD Cast #	LATITUDE			LONGITUDE			GMT DATE (note if not GMT)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
22/113	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
	59	0.112	N	170	0.349	W	27	08	24	08:38			66	23	

Sensor IDS (initially & swap-outs)

SBE type and S/N:
PRESS S/N:
TEMP 1 &2 SNs:
COND 1&2 S/Ns:
FLUOR S/N:
O2 (SBE43) S/N:
Transmiss S/N:
PAR S/N:
O2 SBE42S/N:

Weather:

CTD MAX. DEPTH =

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

CTD cas # 113

Pyc ~ 38 (No cal oc bottom 3.6°

Cocco sample for Lomas @ surface

Nisk #	DEPTH DESIRED	Rosette Notes SALT Btl	Rosette Notes Nut.Btl	GFF vol	>10 Large Vol	GF/F dup vol	>10 dup vol (large)	~~Preserved~~ Phyto (formalin) IFCB	Flow Cytometry Stb Iso	eDNA	OA/DIC	Forel Ule (check below if registered in log)	Notes/ other samples
1	61		197	—	—				2260		X		
2	50		196	250	250						X		
3	40		195	|	|					X	X		
4	30		194	|	|			X			X		
5	20		193	|	|						X		
6	10		192	|	|			X	2136	X	X		
7				|	|								
8	0		191	|	|						X		Cocco Sample
9														
10														
11														
12														

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName
Oscar Dyson 2024	DV2409	SEBS leg 1	—

CTD Cast #	LATITUDE			LONGITUDE			GMT DATE			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
23/116	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
	59	0.04	N	168	59.823	W	27	08	24	11:50	AM		52	24	

Sensor IDS (initially & swap-outs)

SBE type and S/N —
PRESS S/N —
TEMP 1 &2 SNs —
COND 1&2 S/Ns —
FLUOR S/N —
O2 (SBE43) S/N —
Transmiss S/N —
PAR S/N —
O2 SBE42S/N —

Weather:

CTD MAX. DEPTH = 50

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Cast # 23, Event 116

well mixed column!

Coco sample (maybe bloom? might get pps couldn't tell but water looked light blue-ish)

Nisk #	DEPTH DESIRED	Rosette Notes SALT Btl	Rosette Notes Nut Btl	GFF vol	>10 Large Vol	GF/F dup vol	>10 dup vol (large)	~~Preserved~~ Phyto (formalin)	Flow-Cytometry (Alt ISO)	eDNA	OA/DIC	Forel Ule (check below if registered in log)	Notes/ other samples
1	47		203	250	250			X	2260		X		
2	40		202	"	"					3L	X		
3	30		201	"	"						X		
4	20		200	"	"						X		
5	10		199	"	"			X	2136	3L	X		
6	0		198	"	"						X		Coco Sample
7													
8													
9													
10													
11													
12													

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName
Oscar Dyson 2024	DY2409	SEBS leg 1	

CTD Cast #	LATITUDE			LONGITUDE			GMT DATE (note if not GMT)			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(m)		
24/123	58	27.679	N	167	56.164	W	28	08	24	04	25		55	25	

Sensor IDS (initially & swap-outs)

SBE type and S/N

PRESS S/N

TEMP 1 &2 SNs

COND 1&2 S/Ns

FLUOR S/N

O2 (SBE43) S/N

Transmiss S/N

PAR S/N

O2 SBE42S/N

Weather:

CTD MAX. DEPTH = 48

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Cast # 24, Event 123

Weather, 30 kts, swells perp to wind.

Nisk #	DEPTH DESIRED	Rosette Notes SALT Btl	Rosette Notes Nut.Btl	GFF vol	>10 Large Vol	GF/F dup vol	>10 dup vol (large)	~~Preserved~~ Phyto ~~(formalin)~~ IFCB	~~Flow~~ Cytometry Std ISO	eDNA	OA/DIC	Forel Ule (check below if registered in log)	Notes/ other samples
1	48		209	250	250			X	2260		X		
2	40		208	"	"					3L	X		
3	30		207	"	"						X		
4	20		206	"	"						X		
5	10		205	"	"	250	250	X	2136	3L	X		
6	0		204	"	"						X		
7													
8													
9													
10													
11													
12													