VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S1 h1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
	56	51.79		164	01.91		11	May	22	13	59		095	1027.72	275	14	72	
001	.		N	.		W	M	A	Y	2	2	.						70MC

MAX. DEPTH = 68 m

SBE 9+		FLUOR S/N	2057
PRESS SN		SBE43-Oxy (prime)	
PRI TEMP SN		SBE43-Oxy (sec)	
SEC TEMP SN		Transmissometer	
PRI COND SN		PAR S/N	
SEC COND SN		O2 Tmp Senson No	

WEATHER OBS:

SFC/Bottom Temp.

REMARKS:

Nuts paper label says DY2203, CAP labeled nisk in least
No fluorescence signal
const. O2 offset btwn sensors ~ 5% difference

Fluor voltage is good ... solved!
Note: Due to rosette setup, it is possible chlor was sampled backwards so 30m-10m. Another cast will be taken tomorrow.

Recorder Initials: EPL

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac 75/710 GFF Dup Vol	Size Frac 275 >10 Vol.	Abs.	Gann FA	FCM	eDNA	Comments	Nis No.
1	bot		191	1	287, 295 ~~270~~ 305	XXX							1148	O_2 = 287, 295, 305	1
2	50			2		X	138	75,500							2
3	40			3		X	136	75 500						LEAKER	3
4	30			4		X	137	75 500					1149		4
5	20			5		X	137	75 500							5
6	10			6		X	137	75,250 / 75,210	250 / 220	730mL	2130	X		LEAKER Preserved Phyt	6
7	surf			7	358 ~~270~~ 313 ~~270~~	X XX	138	75,250				X	1150	O_2 = 358, 313, 270	7
8															8
9															9
10															10
11															11
12															12
1		Inline													1

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S3h1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		12 May 22 DAY	MO	YR	TIME (GMT) 17:28 local HR	MIN	DRY BULB air temp (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID M2S
002	56	39.70	N	163	52.48	W		MAY	22	05	26	0.6	93	1024.92	318	13	75.59	

	SBE 9+		FLUOR S/N
	PRESS SN		SBE43-Oxy (prime)
	PRI TEMP SN		SBE43-Oxy (sec)
	SEC TEMP SN		Transmissometer
	PRI COND SN		PAR S/N
	SEC COND SN		O2 Tmp Senson No

WEATHER OBS:

SFC/Bottom Temp.

MAX. DEPTH = 70.7 m

REMARKS:

I forgot to fix the cruise # on nutrient bottles from DY2203 to DY2206!
nuts cap labeled n3kin/casr

Recorder Initials: EPL

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac GFF Dup Vol	Size Frac ~~>10 Vol.~~ 75 to 710 730	Abs.	Gann	FCM	eDNA	Comments	Nis No.
1	bot			8	311										1
2	50			9			138								2
3	40			10			136								3
4	30			11			137								4
5	20			12			137							Leaked when sampling	5
6	10			13			137	250	250		2120	X		LEAKER	6
7	sfc			14			138								7
8															8
9															9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S4h1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
										23.41 local								
003	56	56.44	N	163	50.22	W	12	MAY	22	07	41	0.0	96	1025.22	310	9	69.23	M2E

MAX. DEPTH = 64.8 m

- [ ] SBE 9+
- [ ] PRESS SN
- [ ] PRI TEMP SN
- [ ] SEC TEMP SN
- [ ] PRI COND SN
- [ ] SEC COND SN
- [ ] FLUOR S/N
- [ ] SBE43-Oxy (prime)
- [ ] SBE43-Oxy (sec)
- [ ] Transmissometer
- [ ] PAR S/N
- [ ] O2 Tmp Senson No

WEATHER OBS:

SFC/Bottom Temp.

REMARKS:

nice weather, light snow

nuts cap labeled n3kin1cast

Recorder Initials: EPL

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac GFF Dup Vol	Size Frac >10 Vol.	Abs.	Gann	FCM	eDNA	Comments	Nis No.
1	bot			15									1151		1
2	50			16			138								2
3	40			17			136								3
4	30			18			137						1152		4
5	20			19			137								5
6	10			20			137								6
7	sfc			21	375		138						1153		7
8															8
9															9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S5M1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
004	57	00.94	N	164	13.23	W	12	MAY	22	09	40	-0.1	95	1025.72	336	11	69.27	M2N

1.40 ixal

	SBE 9+		FLUOR S/N
	PRESS SN		SBE43-Oxy (prime)
	PRI TEMP SN		SBE43-Oxy (sec)
	SEC TEMP SN		Transmissometer
	PRI COND SN		PAR S/N
	SEC COND SN		O2 Tmp Senson No

WEATHER OBS:

SFC/Bottom Temp.

MAX. DEPTH = 64 m

REMARKS:

cool looking profiles – Fl spike and double oxygen spikes
- subsurface chlor max

forgot to change cast # to "CTD"
it reads "BON004"

nuts cap labeled nisk inlesk

Recorder Initials: ERL

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac ~~GFF Dup Vol.~~	Size Frac ~~>10 Vol.~~	Abs.	Gann FA	FCM	eDNA	Comments	Nis No.
1	bot			22	266										1
2	50			23			138								2
3	40			24			136								3
4	30			25			137								4
5	20			26			137							LEAKY	5
6	10			27			137	75 210 250ml	220 250ml		4395	X		Preserved phyto	6
7	sfc			28			138								7
8															8
9															9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S6h1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR (03:39 local)	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
005	56	46.11	N	164	19.83	W	12	MAY	22	11	39	-0.4	96	1025.29	354	11	74.2	M2W

☐	SBE 9+	☐	FLUOR S/N
☐	PRESS SN	☐	SBE43-Oxy (prime)
☐	PRI TEMP SN	☐	SBE43-Oxy (sec)
☐	SEC TEMP SN	☐	Transmissometer
☐	PRI COND SN	☐	PAR S/N
☐	SEC COND SN	☐	O2 Tmp Senson No

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 69.3 m

REMARKS:

No EDNA b/c of mid-depth mis-fire

nutrient # 30 was labeled 5/1 on the lid (instead of 5/2) and I couldn't get the marker to correct it. The sticker is correct. nuts labeled nitrate/nitrite

Recorder Initials: EPL

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac ~~GFF Dup Vol~~ >5 7.10	Size Frac ~~>10 Vol.~~	Abs.	Gann	FCM	eDNA	Comments	Nis No.
1	bot			29									~~1154~~		1
2	50			30			138								2
3	40			31			136								3
4	30			32			137						~~1155~~	MISFIRE	4
5	20			33			137							LEAKY	5
6	10			34			137	250	250			X		FCM in Fridge for ~12 hrs	6
7	sfc		192	35	264		138						~~1156~~		7
8															8
9															9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S7h1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
006	56	52.39	N	164	02.85	W	12	MAY	22	08	00	-0.8	96	1025	314	11	67	M2

	SBE 9+		FLUOR S/N
	PRESS SN		SBE43-Oxy (prime)
	PRI TEMP SN		SBE43-Oxy (sec)
	SEC TEMP SN		Transmissometer
	PRI COND SN		PAR S/N
	SEC COND SN		O2 Tmp Senson No

WEATHER OBS: CALM / FOGGY

SFC/Bottom Temp.

MAX. DEPTH = 72 m

REMARKS:

No BTLS
"Bottle test"

previous casts have used a non-STANDARD labeling on nut/l.ds. we labeled Cast/Nisk.n instead of nut#/n3kin now correct
NO lockers!!

Recorder Initials: SB

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac GFF Dup Vol	Size Frac >10 Vol.	Abs.	Gann	FCM	eDNA	Comments	Nis No.
1															1
2															2
3															3
4															4
5															5
6															6
7															7
8															8
9															9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S7 h3

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
007	56	51.56	N	164	03.38	W	12	MAY	22	21	46	0.0	96	1025	298	14	72	M2

	SBE 9+		FLUOR S/N
	PRESS SN		SBE43-Oxy (prime)
	PRI TEMP SN		SBE43-Oxy (sec)
	SEC TEMP SN		Transmissometer
	PRI COND SN		PAR S/N
	SEC COND SN		O2 Tmp Senson No

WEATHER OBS:

SFC/Bottom Temp.

MAX. DEPTH = 67 m

REMARKS:

Post Mooring Deployment

pretty sure I sampled chlor backwards (40/50m filter looked highly loaded compared to 0/10/20 and the max was 0-20) clogged filter holders appropriately

Recorder Initials: SB

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac GFF Dup Vol	Size Frac >10 Vol.	Abs.	Gann	FCM	eDNA	Comments	Nis No.
1	bot			36	xxx	xxx							1154	oxy: 282; 388, 372	1
2	50			37		x	138								2
3	40			38		x	137								3
4	30			39		x	137						1155	smell leader	4
5	20			40		x	137								5
6	10			41		x	136							leader	6
7	sfc			42	xxx	xxx	138						1156	oxy: 272; 276; 278	7
8															8
9															9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		58h1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
008	56	54.49	N	164	49.91	W	13	MAY	22	01	59	0.5	95	1024	293	14	72	70M4

☐ SBE 9+		☐ FLUOR S/N	
☐ PRESS SN		☐ SBE43-Oxy (prime)	
☐ PRI TEMP SN		☐ SBE43-Oxy (sec)	
☐ SEC TEMP SN		☐ Transmissometer	
☐ PRI COND SN		☐ PAR S/N	
☐ SEC COND SN		☐ O2 Tmp Senson No	

WEATHER OBS:

SFC/Bottom Temp.

MAX. DEPTH = 67 m

REMARKS:

at 03:00 UTC (07:00 local) ran an eDNA Blank E1157-NC

CPICS on ... has had battery issues

Recorder Initials: SB

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac ~~GFF Dup Vol~~ 75 740	Size Frac ~~>10 Vol.~~ 720	Abs.	Gann	FCM	eDNA	Comments	Nis No.
1	BTM			43	107	XX									1
2	50			44			155	500							2
3	40			45			136	500							3
4	30			46			137	500						"baby leaker" - Shaun	4
5	20			47			137	500/250	250		250			v chlor max Preserve phyto 6	5
6	10			48			137	250	250		4395	X		preserve phyto	6
7	0			49			138	250							7
8															8
9															9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S9h1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
009	56	59.43	N	165	22.78	W	13	MAY	22	04	32	0.6	95	1025	298	16	72	70M6

MAX. DEPTH = 66 m

	SBE 9+		FLUOR S/N
	PRESS SN		SBE43-Oxy (prime)
	PRI TEMP SN		SBE43-Oxy (sec)
	SEC TEMP SN		Transmissometer
	PRI COND SN		PAR S/N
	SEC COND SN		O2 Tmp Senson No

WEATHER OBS:

SFC/Bottom Temp.

REMARKS:

Recorder Initials:

75 710 720

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac GFF Dup Vol	Size Frac ~~>10 Vol.~~	Abs.	Gann	FCM	eDNA	Comments	Nis No.
1	BTM			50											1
2	50			51			138								2
3	40			52			136								3
4	—													TEST	4
5	30			53			137								5
6	20			54			137								6
7	10			55			137	250	250			X			7
8	0			56	100		138								8
9															9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S10 h1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		12 May 23:07 local DAY	MO	YR	TIME (GMT) HR	MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
010	57	15.24	N	165	45.11	W	13	MAY	22	07	07	-0.3	96	1026	321	16	64.8	70M8

MAX. DEPTH = 69.7 m

	SBE 9+		FLUOR S/N
	PRESS SN		SBE43-Oxy (prime)
	PRI TEMP SN		SBE43-Oxy (sec)
	SEC TEMP SN		Transmissometer
	PRI COND SN		PAR S/N
	SEC COND SN		O2 Tmp Senson No

WEATHER OBS: calm, foggy, dusk

SFC/Bottom Temp.

REMARKS:
C-pics was on

Recorder Initials: EPL

75 710 720

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac GFF Dup Vol	Size Frac ~~>10 Vol.~~	Abs.	Gann	FCM	eDNA	Comments	Nis No.
1	BTM			57	837										1
2	50			58			282								2
3	40			59			287								3
4	30			60			285								4
5	20			61			281								5
6	10			62			283	250/250	250						6
7	sfc		193	63			283								7
8															8
9															9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S11h1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR (01:23 local)	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
011	57	19.33	N	166	20.03	W	13	MAY	22	09	23	-0.8	96	1026.94	337	15	70.2	70M10

	SBE 9+		FLUOR S/N
	PRESS SN		SBE43-Oxy (prime)
	PRI TEMP SN		SBE43-Oxy (sec)
	SEC TEMP SN		Transmissometer
	PRI COND SN		PAR S/N
	SEC COND SN		O2 Tmp Senson No

WEATHER OBS: calm, night

SFC/Bottom Temp.

MAX. DEPTH = 65.2 m

REMARKS:

I hit the start button too early and data started before going up to the surface

peak Fl, at the bottom

C-pics on

Recorder Initials: EPL

75 710 720

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac GFF ~~Dup Vol~~	Size Frac ~~>10 Vol.~~	Abs.	Gann	FCM	eDNA	Comments	Nis No.
1	BTM			64											1
2	50			65			135								2
3	40			66			136								3
4	30			67			137								4
5	20			68			137								5
6	10			69			137	250/250	250			X			6
7	Sfc			70	168		138								7
8															8
9															9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S12h1

14 May 03:26 local

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
012	57	25.81	N	166	49.04	W	13	MAY	22	11	26	-1.2	96	1028	339	12	170	70M12

☐	SBE 9+	☐	FLUOR S/N
☐	PRESS SN	☐	SBE43-Oxy (prime)
☐	PRI TEMP SN	☐	SBE43-Oxy (sec)
☐	SEC TEMP SN	☐	Transmissometer
☐	PRI COND SN	☐	PAR S/N
☐	SEC COND SN	☐	O2 Tmp Senson No

WEATHER OBS: calm, dark foggy

SFC/Bottom Temp.

MAX. DEPTH = 66 m

REMARKS:

cpics on

Recorder Initials: EPL

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac GFF Dup Vol	Size Frac >10 Vol.	Abs.	Gann	FCM	eDNA	Comments	Nis No.
1	BOT			71	161.								1158.		1
2	50			72			282								2
3	40			73			287								3
4	30			74			285						1159		4
5	20			75			281								5
6	10			76			283								6
7	sfc			77			283						1160		7
8															8
9															9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S13h1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
										05	33 local							
013	57	30.07	N	167	20.39	W	13	MAY	22	13	32	-1.4	97	1029	343	8.8	71.9	70M14

MAX. DEPTH = 66.4 m

SFC/Bottom Temp.

	SBE 9+		FLUOR S/N
	PRESS SN		SBE43-Oxy (prime)
	PRI TEMP SN		SBE43-Oxy (sec)
	SEC TEMP SN		Transmissometer
	PRI COND SN		PAR S/N
	SEC COND SN		O2 Tmp Senson No

WEATHER OBS: calm, foggy

REMARKS:

near bottom fl. peak

Recorder Initials: EPL

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac GFF Dup Vol	Size Frac >10 Vol.	Abs.	Gann	FCM	eDNA	Comments	Nis No.
1	BOT			78											1
2	50			79			282								2
3	40			80			287								3
4	30			81			285								4
5	20			82			281								5
6	10			83			283								6
7	sfc			84	150		283								7
8															8
9															9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S1H1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
014	56	09.81	N	166	35.11	W	13	MAY	22	23	11	1.5	96	1031	331	4.9	118	AL22AU_BOD

☐	SBE 9+	☐	FLUOR S/N
☐	PRESS SN	☐	SBE43-Oxy (prime)
☐	PRI TEMP SN	☐	SBE43-Oxy (sec)
☐	SEC TEMP SN	☐	Transmissometer
☐	PRI COND SN	☐	PAR S/N
☐	SEC COND SN	☐	O2 Tmp Senson No

WEATHER OBS:

SFC/Bottom Temp.

MAX. DEPTH = 113 m

REMARKS:

Post MMC Deploy

lower oxy than has been on 70m line ~75% sat

Recorder Initials: SB

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac GFF Dup Vol	Size Frac >10 Vol.	Abs.	Gann	FCM	eDNA	Comments	Nis No.
1	BTM				x119	X									1
2															2
3															3
4															4
5															5
6															6
7															7
8															8
9															9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S15h1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
015	54	26.52	N	165	17.52	W	15	MAY	22	00	32	3.7	74	1029	343	17	157	AL22_AU_UNO1

MAX. DEPTH = 152 m

☐	SBE 9+	☐	FLUOR S/N
☐	PRESS SN	☐	SBE43-Oxy (prime)
☐	PRI TEMP SN	☐	SBE43-Oxy (sec)
☐	SEC TEMP SN	☐	Transmissometer
☐	PRI COND SN	☐	PAR S/N
☐	SEC COND SN	☐	O2 Tmp Senson No

WEATHER OBS:

SFC/Bottom Temp.

REMARKS:

Post UNIMAK MML Deployment

No Bottles

Recorder Initials:

75710 720

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac ~~GFF Dup Vol~~	Size Frac ~~>10 Vol.~~	Abs.	Gann FA	FCM	eDNA	Comments	Nis No.
1	10						250	250/250	250		2150 2220	X		2150 – GFF 2220 – 710	1
2	10														2
3															3
4															4
5															5
6															6
7															7
8															8
9															9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S17k1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
016	54	26.43	N	164	59.50	W	15	MAY	22	04	51	3.9	78	1028	348	18	58	UB51

☐	SBE 9+	☐	FLUOR S/N
☐	PRESS SN	☐	SBE43-Oxy (prime)
☐	PRI TEMP SN	☐	SBE43-Oxy (sec)
☐	SEC TEMP SN	☐	Transmissometer
☐	PRI COND SN	☐	PAR S/N
☐	SEC COND SN	☐	O2 Tmp Senson No

WEATHER OBS:

SFC/Bottom Temp.

MAX. DEPTH = 50 m

REMARKS:

Recorder Initials:

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac GFF Dup Vol	Size Frac >10 Vol.	Abs.	Gann	FCM	eDNA	Comments	Nis No.
1	50		194	85	305		138								1
2	40			86			136								2
3	30			87			137								3
4	20			88			137								4
5	10			89			137								5
6	0			90			138								6
7															7
8															8
9															9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S18h1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR (22:00 local)	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
017	54	24.43	N	165	08.53	W	15	MAY	22	06	00	3.9	80	1028	335	14	133.5	UBS2

MAX. DEPTH = 128 m

☐	SBE 9+	☐	FLUOR S/N
☐	PRESS SN	☐	SBE43-Oxy (prime)
☐	PRI TEMP SN	☐	SBE43-Oxy (sec)
☐	SEC TEMP SN	☐	Transmissometer
☐	PRI COND SN	☐	PAR S/N
☐	SEC COND SN	☐	O2 Tmp Senson No

WEATHER OBS:

SFC/Bottom Temp.

REMARKS:

Recorder Initials: SB

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac GFF Dup Vol	Size Frac >10 Vol.	Abs.	Gann	FCM	eDNA	Comments	Nis No.
1	BTM			91			135						1161		1
2	50			92			135								2
3	40			93			136						1162		3
4	30			94			137								4
5	20			95			137								5
6	10			96			137						1163		6
7	0			97	x270		138								7
8															8
9															9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S19h1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
018	54	23.77067	N	165	13.89685	W	15	MAY	22	07	30	003.9	079	1027.45	336.04	13.5	167.8	UBS3

	SBE 9+		FLUOR S/N
	PRESS SN		SBE43-Oxy (prime)
	PRI TEMP SN		SBE43-Oxy (sec)
	SEC TEMP SN		Transmissometer
	PRI COND SN		PAR S/N
	SEC COND SN		O2 Tmp Senson No

WEATHER OBS:

SFC/Bottom Temp.

MAX. DEPTH = 159.3 m

REMARKS: calm seas.
off station due to navigational hazards
CPICS turned ON.
Bottle 4 leaky
MAX 9 niskins because of CPICS
cast name might have been wrong (S18h1 UBS2)

Recorder Initials: IE

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac GFF Dup Vol	Size Frac >10 Vol.	Abs.	Gann	FCM	eDNA	Comments	Nis No.
1	BTM			98	295										1
2	100			99											2
3	75			100											3
4	50			101			138							LEAKY	4
5	40			102			136								5
6	30			103			137								6
7	20			104			137								7
8	10			105			137								8
9	0			106			138								9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S20h1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
019	54	20 .37657 N	165	26 .20887 W	15	MAY	22	08	43	003 .9	085	1027.11	312.5	14.4	161.5	UB54

	SBE 9+		FLUOR S/N
	PRESS SN		SBE43-Oxy (prime)
	PRI TEMP SN		SBE43-Oxy (sec)
	SEC TEMP SN		Transmissometer
	PRI COND SN		PAR S/N
	SEC COND SN		O2 Tmp Senson No

WEATHER OBS:

SFC/Bottom Temp.

MAX. DEPTH = 155.5 m

REMARKS:

calm seas.
CIPCS ON.

Recorder Initials:

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac GFF Dup Vol	Size Frac >10 Vol.	Abs.	Gann	FCM	eDNA	Comments	Nis No.
1	BTM			107											1
2	100			108											2
3	75			109											3
4	50			110			138								4
5	40			111			136								5
6	30			112			137								6
7	20			113			137								7
8	10			114			137								8
9	0			115	287		138								9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S2h1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
020	57	38.92	N	169	01.59	W	16	MAY	22	19	41	-1.0	95	1025	354	18	69	M4S

	SBE 9+		FLUOR S/N
	PRESS SN		SBE43-Oxy (prime)
	PRI TEMP SN		SBE43-Oxy (sec)
	SEC TEMP SN		Transmissometer
	PRI COND SN		PAR S/N
	SEC COND SN		O2 Tmp Senson No

WEATHER OBS:

SFC/Bottom Temp.

MAX. DEPTH = 63 m

REMARKS: had been pretty rough seas between Unimak & M4
Preceding 24 hrs were stormy ~10-12 ft Seas, calming down as we arrived.

Recorder Initials:

>5 >10

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac ~~GFF Dup Vol~~	Size Frac >10 Vol.	Abs.	Gann FA	FCM	eDNA	Comments	Nis No.
1	BTM			116	x315										1
2	50			117			138	500/							2
3	40			118			136	500/							3
4	30			119			137	500/							4
5	20			120			137	500/							5
6	10			121			137	250/250	250		4370	X		Preserved phyt	6
7	0			122			138	250/							7
8															8
9															9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S22h1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
021	57	45.89	N	168	27.80	W	16	MAY	22	22	39	-0.9	96	1025	348	14	70	M4E

☐	SBE 9+	☐	FLUOR S/N
☐	PRESS SN	☐	SBE43-Oxy (prime)
☐	PRI TEMP SN	☐	SBE43-Oxy (sec)
☐	SEC TEMP SN	☐	Transmissometer
☐	PRI COND SN	☐	PAR S/N
☐	SEC COND SN	☐	O2 Tmp Senson No

WEATHER OBS:

SFC/Bottom Temp.

MAX. DEPTH = 65 m

REMARKS:

Swells but relaxing sea

smelling @ sfc w/ sel, turb

75 710 720

Recorder Initials: SB

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac ~~GFF Dup Vol~~	Size Frac ~~>10 Vol.~~	Abs.	Gann FA	FCM	eDNA	Comments	Nis No.
1	BTM			123											1
2	50			124			281	500/							2
3	40			125			287	500/							3
4	30			126			285	500/							4
5	20			127			281	500/							5
6	10			128			283	250/250	250	1200	4370	X		Preserved phyt	6
7	0			129	x313		283	250							7
8															8
9															9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S23h1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
022	57	52.03	N	168	53.19	W	17	MAY	22	00	58	-0.8	93	1025	342	15	71	M4C

☐	SBE 9+	☐	FLUOR S/N
☐	PRESS SN	☐	SBE43-Oxy (prime)
☐	PRI TEMP SN	☐	SBE43-Oxy (sec)
☐	SEC TEMP SN	☐	Transmissometer
☐	PRI COND SN	☐	PAR S/N
☐	SEC COND SN	☐	O2 Tmp Senson No

WEATHER OBS: SFC/Bottom Temp. MAX. DEPTH = 67 m

REMARKS:

Pig on moorings.. M4 was not on NOAA charts

- Well mixed

Recorder Initials: SB

75/710 720

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac ~~GFF Dup Vol~~	Size Frac ~~>10 Vol.~~	Abs.	Gann	FCM	eDNA	Comments	Nis No.
1	BTM			130	x311	x							1164		1
2	50			131		x	281								2
3	40			132		x	287						1165		3
4	30			133		x	285								4
5	20			134		x	281	250/250	250			X			5
6	10			135		x	283						1166		6
7	0		x195	136		x	283								7
8															8
9															9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		524h1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
023	58	03.75	N	168	43.28	W	17	MAY	22	03	53	-1.0	94	1025	350	16	71	M4W

☐	SBE 9+	☐	FLUOR S/N
☐	PRESS SN	☐	SBE43-Oxy (prime)
☐	PRI TEMP SN	☐	SBE43-Oxy (sec)
☐	SEC TEMP SN	☐	Transmissometer
☐	PRI COND SN	☐	PAR S/N
☐	SEC COND SN	☐	O2 Tmp Senson No

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 66 m

REMARKS:

75/710 720

Recorder Initials:

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac ~~GFF Dup Vol~~	Size Frac ~~>10 Vol.~~	Abs.	Gann	FCM	eDNA	Comments	Nis No.
1	BTM			137											1
2	50			138			281								2
3	40			139			287								3
4	30			140			285								4
5	20			141			281								5
6	10			142			253	250/250	250			X			6
7	0			143	x358		283								7
8															8
9															9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S25h1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
024	57	55.47	N	169	19.01	W	17	MAY	22	06	31	-1.3	94	1025	330	17	68	M4W

☐	SBE 9+	☐	FLUOR S/N
☐	PRESS SN	☐	SBE43-Oxy (prime)
☐	PRI TEMP SN	☐	SBE43-Oxy (sec)
☐	SEC TEMP SN	☐	Transmissometer
☐	PRI COND SN	☐	PAR S/N
☐	SEC COND SN	☐	O2 Tmp Senson No

WEATHER OBS:

SFC/Bottom Temp.

MAX. DEPTH = 65 m

REMARKS:

75/710 720

Recorder Initials:

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac ~~GFF Dup Vol.~~	Size Frac ~~>10 Vol.~~	Abs.	Gann FA	FCM	eDNA	Comments	Nis No.
1	BTM			144	x269										1
2	50			145			281	500/							2
3	40			146			287	500/							3
4	30			147			285	500/							4
5	20			148			281	500/							5
6	10			149			283	750/750	250		4370	X		Preserved phyt	6
7	0			150			283	250/							7
8															8
9															9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S26h1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
025	58	16 .7324	N	170	06 .0153	W	17	MAY	22	10	:03	-02.0	092	1025.2	304	12.73	73.27	70M26

☐	SBE 9+	☐	FLUOR S/N
☐	PRESS SN	☐	SBE43-Oxy (prime)
☐	PRI TEMP SN	☐	SBE43-Oxy (sec)
☐	SEC TEMP SN	☐	Transmissometer
☐	PRI COND SN	☐	PAR S/N
☐	SEC COND SN	☐	O2 Tmp Senson No

WEATHER OBS:

SFC/Bottom Temp.

MAX. DEPTH = 66 m

REMARKS:

CPICS is ON.

calm seas 2-3 ft.

Recorder Initials: EPL

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac GFF Dup Vol	Size Frac >10 Vol.	Abs.	Gann	FCM	eDNA	Comments	Nis No.
1	BTM			151											1
2	50			152			281								2
3	40			153			287								3
4	30			154			285								4
5	20			155			281								5
6	10			156			283					X			6
7	0		196	157	375		283								7
8															8
9															9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S 27 hl

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
026	58	56 .796	N	170°	20 .236	W	17	MAY	22	14	18	-01.0	095	1023.6	299.1	7.3	71.33	70M30

MAX. DEPTH = 66.4 m

SFC/Bottom Temp.

☐	SBE 9+	☐	FLUOR S/N
☐	PRESS SN	☐	SBE43-Oxy (prime)
☐	PRI TEMP SN	☐	SBE43-Oxy (sec)
☐	SEC TEMP SN	☐	Transmissometer
☐	PRI COND SN	☐	PAR S/N
☐	SEC COND SN	☐	O2 Tmp Senson No

WEATHER OBS:

REMARKS:

calm seas

CPICS on.

Recorder Initials: EPL

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac GFF Dup Vol	Size Frac >10 Vol.	Abs.	Gann	FCM	eDNA	Comments	Nis No.
1	BTM			158	266										1
2	50			159			281								2
3	40			160			287								3
4	30			161			285								4
5	20			162			281					X			5
6	10			163			283								6
7	0			164			283								7
8															8
9															9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S29 hl

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
~~027~~ 027	59	26.02	N	170	54.86	W	17	MAY	22	18	11	-0.9	96	1023.28	310	4.4	73.5	70M34

☐	SBE 9+	☐	FLUOR S/N
☐	PRESS SN	☐	SBE43-Oxy (prime)
☐	PRI TEMP SN	☐	SBE43-Oxy (sec)
☐	SEC TEMP SN	☐	Transmissometer
☐	PRI COND SN	☐	PAR S/N
☐	SEC COND SN	☐	O2 Tmp Senson No

WEATHER OBS: calm

SFC/Bottom Temp.

MAX. DEPTH = 67.7 m

REMARKS:
fast sample at 50m (not 30 sec. pause), but well mixed water column

Recorder Initials: EPL

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac GFF Dup Vol	Size Frac >10 Vol.	Abs.	Gann	FCM	eDNA	Comments	Nis No.
1	BTM			165											1
2	50			166			281							fast sample (see above)	2
3	40			167			287								3
4	30			168			285								4
5	20			169			281								5
6	10			170			283					X			6
7	0			171	278		283								7
8															8
9															9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S30h1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
028	59	54.68	N	171	43.92	W	17	MAY	22	21	56	0.3	95	1023	285	7.5	70	M5C

☐	SBE 9+	☐	FLUOR S/N
☐	PRESS SN	☐	SBE43-Oxy (prime)
☐	PRI TEMP SN	☐	SBE43-Oxy (sec)
☐	SEC TEMP SN	☐	Transmissometer
☐	PRI COND SN	☐	PAR S/N
☐	SEC COND SN	☐	O2 Tmp Senson No

WEATHER OBS: CALM/FLAT SECS

REMARKS:

SFC/Bottom Temp.

MAX. DEPTH = 65 m

Reminder N.skin # / Rosette # are not equivalent

Recorder Initials:

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac ~~GFF Dup Vol~~	Size Frac ~~>10 Vol.~~	Abs.	Gann FA	FCM	eDNA	Comments	Nis No.
1	BTM		202.	172	282.	x		75/710	710				1167		1
2	50			173		x	281	500/				X			2
3	40			174		x	287	500/				X			3
4	30			175		x	285	500/				X	1168		4
5	20			176		x	281	500/				X			5
6	10			177		x	283	250/250	250	1200 ml/s	4370	X		+ Preserved phyt	6
7	0			178		x	283	250/				X	1169		7
8															8
9															9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
R/V Oscar Dyson	DY2206	FOCI Spring Mooring Cruise		S3lh1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
029	59	53.85	N	172	10.60	W	18	MAY	22	00	39	0.3	94	1023	316	8	73	MSW

☐	SBE 9+	☐	FLUOR S/N
☐	PRESS SN	☐	SBE43-Oxy (prime)
☐	PRI TEMP SN	☐	SBE43-Oxy (sec)
☐	SEC TEMP SN	☐	Transmissometer
☐	PRI COND SN	☐	PAR S/N
☐	SEC COND SN	☐	O2 Tmp Senson No

WEATHER OBS:

SFC/Bottom Temp.

MAX. DEPTH = 68 m

REMARKS:

75/710 720

Recorder Initials:

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	Size Frac ~~GFF Dup Vol~~	Size Frac ~~10 Vol.~~	Abs.	Gann FA	FCM	eDNA	Comments	Nis No.
1	BTM			179											1
2	50			180			281	500/				X			2
3	40			181			287	500/				X			3
4	30			182			285	500/				X			4
5	20			183			281	500/				X			5
6	10			184			283	250/250	250	1200 m	4370	X		+Preserved Phyt	6
7	0			185	x372		283	250				X			7
8															8
9															9
10															10
11															11
12															12
I		Inline													I