VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1708	Eco-FOCI Autumnal 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)	M2C STA. NAME/ID
01	56	51.53	N	164	02.58	W	23	SEP	17	1904		6.6	89	1003	308	27	73	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057	MAX. DEPTH =	69 m
PRESS SN	0772	SBE43-Oxy (prime)	1961		
Pri Temp SN	2376	SBE43-Oxy (sec)	0904		
Sec Temp SN	4379	Altimeter	4708		
Pri Cond SN	2985	PAR S/N	70297		
Sec Cond SN	3127				

Instrument Notes:

WEATHER OBS:

REMARKS: Pre-recovery cast for calibration samples
Pycnocline @ 29-31

Recorder Initials: P & P

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut Btl	O2-Btl No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF CO_2		J. Gann Samples		Comments	Nis No
1	69		143	901					X					1
2	55						X							2
3	55			902			X							3
4	55						X							4
5	52			903	150									5
6	44						X							6
7	44			904			X							7
8	44						X							8
9	40			905			X							9
10	30			906			X							10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S1 H2

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
																		M2C
02	56	51.59	N	164	02.65	W	23	SEP	17	19	49	6.5	89	1003	306	27	73	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057		
PRESS SN	0772	SBE43-Oxy (prime)	1961		
Pri Temp SN	2376	SBE43-Oxy (sec)	0904		
Sec Temp SN	4379	Altimeter	4708		
Pri Cond SN	2985	PAR S/N	70297		
Sec Cond SN	3127				

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 24 m

REMARKS: Forgot to push the "At Depth" button @ 24m

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	HAE-CO2		J. Gann Samples		Comments	Nis No
1	24			907			X							1
2	24			908			X							2
3	24			909			X							3
4	20			910			X							4
5	11						X							5
6	11			911			X							6
7	11						X							7
8	0			912	161		X		X					8
9	0													9
10														10
11														11
12														12
I		Inline 144												I

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VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName	STATION NO.
Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S2 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)	M2W STA. NAME/ID
03	56	46.00	N	164	19.77	W	24	SEP	17	05	52	5.7	80	1003	290	17	75	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX DEPTH = 71 m

REMARKS: Pycnocline @ 30 m

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC			J. Gann Samples		Comments	Nis No
1	Bot			913	168	811								1
2	50			914			283							2
3	40			915			285							3
4	30			916			289							4
5	20			917			283							5
6	10			918			279							6
7	0			919			283							7
8														8
9														9
10														10
11														11
12														12
1		Inline												1

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S3 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)	M2S STA. NAME/ID
04	56	39.90 N		163	51.73 W		24	SEP	17	0807		6.5	83	1003	277	18	76	M2S

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 72 m

REMARKS: Pycnocline @ 30m

Recorder Initials: PqP

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC			J. Gann Samples		Comments	Nis No
1	Bot		145	920		812								1
2	50			921			283							2
3	40			922			285							3
4	30			923			289							4
5	20			924			283							5
6	10			925			279							6
7	0			926	*172		283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S4 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)	M2E STA. NAME/ID
05	56	56.58	N	163	49.84	W	24	SEP	17	10	33	6.8		88	290	19	70	M2E

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX DEPTH = 66 m

REMARKS:
Pyc @ 30m

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC			J. Gann Samples		Comments	Nis No
1	Bot			927	175	813								1
2	50			928			283							2
3	40			929			285							3
4	30			930			289							4
5	20			931			283							5
6	10			932			279							6
7	0			933			283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S6 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)	M2N STA. NAME/ID
	06	57 00.98	N	164	13.29	W	SEP	17		12	41	6.7	83	1001	277	21	69	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 64 m

REMARKS: Pyc No Cline @ 30m

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC			J. Gann Samples		Comments	Nis No
1	Bot			934		814								1
2	50			935			283							2
3	40			936			285							3
4	30			937			289							4
5	20			938			283							5
6	10			939			279							6
7	0		146	940	181		283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName	STATION NO.
Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise	ctd007.hex	S6M1

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)	70M4 STA. NAME/ID
	07	56 54.34	N	164 49.82	W		24	SEP	17	1521		06.8	083	1001	268	21	72	

	SBE 9+	0772		Fluor/Turbity	FLNTUS-2057
	PRESS SN	0772		SBE43-Oxy (prime)	1961
	Pri Temp SN	2376		SBE43-Oxy (sec)	0904
	Sec Temp SN	4379		Altimeter	4708
	Pri Cond SN	2985		PAR S/N	70297
	Sec Cond SN	3127			

Instrument Notes:

WEATHER OBS:

MAX DEPTH = 66 m

REMARKS: pycnocline @ 30 m

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC			J. Gann Samples		Comments	Nis No
1	Bot			941	*197	815								1
2	50			942			283							2
3	40			943			285							3
4	30			944			289							4
5	20			945			283							5
6	10			946			279							6
7	0			947			283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise	ctd008.hex	S7 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
08	56	59.71	N	165	22.61	W	24	SEP	17	18	07	06.9	091	1001	284	24	72	70M6

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = m

REMARKS: pycnocline@30m

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC			J. Gann Samples		Comments	Nis No
1	Bot			948		816		x ✓						1
2	50			949			283							2
3	40			950			285	x ✓						3
4	30			951			289				✓			4
5	20			952			283							5
6	10			953			279							6
7	0			954	2.09		283				x ✓			7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise	ctd009.hex	S7 H1

CONSC CAST #	LATITUDE			LONGITUDE						TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	70m8 STA. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	
09	57	15.67	N	165	44.29	W	24	SEP	17	21	14	06.7	09.7	1000	29.2	21	70	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 66 m

REMARKS: pycnocline @ 30m

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC			J. Gann Samples		Comments	Nis No
1	BOT		147	955	215	817								1
2	50			956			283							2
3	40			957			285							3
4	30			958			289							4
5	20			959			283							5
6	10			960			279							6
7	0			961			283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise	ctd010.hex	S9 M1

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
010	57	19.28 N	166	19.18 W	24	SEP	17	23	58	06.9	098	1001	314	25	70	70M10

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX DEPTH = 65 m

REMARKS: pycnocline @ 28m

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC			J. Gann Samples		Comments	Nis No
1	BOT			962		818								1
2	50			963			283							2
3	40			964			285							3
4	30			965			289	X			X			4
5	20			966			283							5
6	10			967			279							6
7	0			968	220		283	X			X			7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise	ctd011.hex	S10 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
011	57	25.81	N	166	48.69	W	25	SEP	17	0222		7.3	100	1002	332	18	69	70mi2

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 64 m

REMARKS:
Pycnocline @ 26 m

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC			J. Gann Samples		Comments	Nis No
1	BOT			969	241	619								1
2	50			970			283							2
3	40			971			285							3
4	30			972			289							4
5	20			973			283							5
6	10			974			279							6
7	0			975			283							7
8														8
9														9
10														10
11														11
12														12
I		Inline Chl												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName	STATION NO.
Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S11 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)	70M14 STA. NAME/ID
12	57	30.02 N		167	20.94 W		25	SEP	17	0436		7.6	100	1004	346	18	71	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 67 m

REMARKS: Pycnocline @ ~30m

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC			J. Gann Samples		Comments	Nis No
1	Bot		*1418	976		820								1
2	50			977			283	*						2
3	40			978			285							3
4	30			979			289							4
5	20			980			283	*			*			5
6	10			981			279							6
7	0			982	x263		283				*			7
8	0	Carbon												8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S12 M1

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)	70M16 STA. NAME/ID
13	57	30.11	N	167	59.04	W	25	SEP	17	07	19	7.5	100	1006	347	17	72	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 65 m

REMARKS: pycnocline @ 28 m

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC			J. Gann Samples		Comments	Nis No
1	Bot			983	~~265~~	*821								1
2	50			984			283							2
3	40			985			285							3
4	30			986			289							4
5	20			987			283							5
6	10			988			279							6
7	0			989			283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S13 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)	70m18 STA. NAME/ID
14	57	31.51	N	168	36.77	W	25	SEP	17	10	02	7.4	97	1008	343	20	72	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 66 m

REMARKS:

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC			J. Gann Samples		Comments	Nis No
1	Bot			990		*822		*						1
2	50			991			283							2
3	40			992			285	*						3
4	30			993			289							4
5	20			994			283				*			5
6	10			995			279	*						6
7	0			996	*277		283				*			7
8	0													8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S14 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)	70M18 M4S STA. NAME/ID
15	57	39.11	N	169	01.49	W	25	SEP	17	12	24	7.1	93	1009	353	20	69	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 63 m

REMARKS:

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC			J. Gann Samples		Comments	Nis No
1	Bot			997	285	823								1
2	50			998			283							2
3	40			999			285							3
4	30			1000			289							4
5	20			1001			283							5
6	10			1002			279							6
7	0			1003			283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName	STATION NO.
Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise	ctd016.hex	S15 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
16	57	45.88	N	168	28.12	W	25	SEP	17	14	45	07.1	098	1008	345	15	70	M4E

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 66 m

REMARKS: pycnocline @ 27m

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC			J. Gann Samples		Comments	Nis No
1	Bot		149	1004		824								1
2	50			1005			283							2
3	40			1006			285							3
4	30			1007			289							4
5	20			1008			283							5
6	10			1009			279							6
7	0			1010	286		283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise	ctd017.hex	S16 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)	MLK STA. NAME/ID
	57	53.69	N	168	53.41	W	25	SEP	17	17	50	06.9	097	1009	354	19	71	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057		
PRESS SN	0772	SBE43-Oxy (prime)	1961		
Pri Temp SN	2376	SBE43-Oxy (sec)	0904		
Sec Temp SN	4379	Altimeter	4708		
Pri Cond SN	2985	PAR S/N	70297		
Sec Cond SN	3127				

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 67 m

REMARKS: 3 bottles fired for calibration of fluorometer at 13m at MH mooring

pycnocline @ 30m

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC			J. Gann Samples		Comments	Nis No
1	BOT			1011										1
2	50			1012			283							2
3	40			1013			285							3
4	30			1014			289							4
5	20			1015			283							5
6	13			1016			a 281							6
7	13						c 283							7
8	13						c 283							8
9	10			1017			279							9
10	0			1018			283							10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName	STATION NO.
Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S16 H6

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)	M4C STA. NAME/ID
18	57	52.62	N	168	53.79	W	26	SEP	17	06	17	7.1	93	1011	4	20	72	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (pnme)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX DEPTH = 66 m

REMARKS: Post-deployment CTD

Pycnocline @ 30 m

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC			J. Gann Samples		Comments	Nis No
1	Bot			x1019	288	x825								1
2	50			x1020			x283	*						2
3	40			x1021			x285							3
4	30			x1022			x289							4
5	20			x1023			x283				*			5
6	13						x281				*			6
7	13			x1024			x283							7
8	13						x283							8
9	10			x1025			x279	*						9
10	0			x1026			x283				*			10
11				=8			=9							11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S7 1,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)	MHN STA. NAME/ID
019	58	04.12	N	168	43.42	W	26	SEP	17	0820		6.9	100	1012	19	13	70	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057		
PRESS SN	0772	SBE43-Oxy (prime)	1961		
Pri Temp SN	2376	SBE43-Oxy (sec)	0904		
Sec Temp SN	4379	Altimeter	4708		
Pri Cond SN	2985	PAR S/N	70297		
Sec Cond SN	3127				

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 64 m

REMARKS:

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot		150	1027	^	826								1
2	50			1028			283							2
3	40			1029			285							3
4	30			1030			289							4
5	20			1031			283							5
6	10			1032			279							6
7	0			1033	289		283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S18 H1

CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	M4W
	20	57 55.64 N	169	19.18 W	26	SEP	17	1043		6.6	100	1013	17	18	67	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 62 m

REMARKS:
Meredith is wrong when saying the pycnocline is at 30, it is at 27 (!!

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot			1034	291	827								1
2	50			1035			283							2
3	40			1036			285							3
4	30			1037			289							4
5	20			1038			283							5
6	10			1039			279							6
7	0			1040			283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S19 HI

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)	70m 24 STA. NAME/ID
21	58	02.56	N	169	40.58	W	26	SEP	17	12	36	7.0	90	1013	00	19	70	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 66 m

REMARKS:

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	BOT			1041	292	828								1
2	50			1042			283	*						2
3	40			1043			285							3
4	30			1044			289							4
5	20			1045			283				*			5
6	10			1046			279	*						6
7	0			1047	*		283				*			7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S2 0 H1

CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	70m26 STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	
22	58	16.99 N	170	05.07 W	26	SEP	17	2231		06.6	087	1014	005	21	72	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 68 m

REMARKS: pycnocline @ 31m

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	BOT			1048		829								1
2	50			1049			283							2
3	40			1050			285							3
4	30			1051			289							4
5	20			1052			283							5
6	10			1053			279							6
7	0			1054	293		283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S21 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
23	58	36.82	N	170	16.30	W	27	SEP	17	01	05	06.1	0.8.8	1014	008	16	78	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 58 m

REMARKS: pycnocline @ 27 m

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut Btl	O2-Btl No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	BOT		151	1055	346	830		X						1
2	50			1056			283							2
3	40			1057			285							3
4	30			1058			284	X			X			4
5	20			1059			283							5
6	10			1060			279	X						6
7	0			1061			283				X			7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S22 H1

CONSC CAST #	LATITUDE			LONGITUDE					TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	70M30 STA. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	
24	58	56.80	N	170	19.66	W	27	SEP	17	0327		6.2	67	1014	28	16	71	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057	MAX. DEPTH =	66 m
PRESS SN	0772	SBE43-Oxy (prime)	1961		
Pri Temp SN	2376	SBE43-Oxy (sec)	0904		
Sec Temp SN	4379	Altimeter	4708		
Pri Cond SN	2985	PAR S/N	70297		
Sec Cond SN	3127				

Instrument Notes:

WEATHER OBS:

REMARKS: pycnocline is less pronounced - narrower @28m
look at lower transition in O_2 for lags

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	BOT			1062		831								1
2	50			1063			283							2
3	40			1064			285							3
4	30			1065			289							4
5	20			1066			283							5
6	10			1067			279							6
7	0			1068	351		283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S23 H1

CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	70m32 STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	
25	59	14.70 N	170	24.76 W	27	SEP	17	05	37	5.7	72	1015	4	16	68	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057	MAX. DEPTH =	63 m
PRESS SN	0772	SBE43-Oxy (prime)	1961		
Pri Temp SN	2376	SBE43-Oxy (sec)	0904		
Sec Temp SN	4379	Altimeter	4708		
Pri Cond SN	2985	PAR S/N	70297		
Sec Cond SN	3127				

Instrument Notes:

WEATHER OBS:

REMARKS:

New Oxygen Pickling Chemicals

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot			1069	✓352	✓832		✓						1
2	50			1070			283							2
3	40			1071			285							3
4	30			1072			289							4
5	20			1073			283	✓			✓			5
6	10			1074			279							6
7	0			1075			283				✓			7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S2 4 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)	70M34 STA. NAME/ID
26	59	26.26	N	170	54.30	W	27	SEP	17	07	58	5.7	78	1016	357	18	72	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057		
PRESS SN	0772	SBE43-Oxy (prime)	1961		
Pri Temp SN	2376	SBE43-Oxy (sec)	0904		
Sec Temp SN	4379	Attimeter	4708		
Pri Cond SN	2985	PAR S/N	70297		
Sec Cond SN	3127				

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 67 m

REMARKS: Needed an extra bottle at the surface so I restarted program as CTD026b, no data

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot			1076		833								1
2	50			1077			283							2
3	40			1078			285							3
4	30			1079			289							4
5	20			1080			283							5
6	10			1081			279							6
7	0			1082	353		283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S25 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
1	59	42.88	N	171	08.21	W	27	SEP	17	10	18	5.2	80	1016	356	16	72	70M36

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 68 m

REMARKS: Cold pool, pycnocline ~34m

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot		152	1083	355	834		*						1
2	50			1084			283							2
3	40			1085			285	*						3
4	30			1086			289				*			4
5	20			1087			283							5
6	10			1088			279	*						6
7	0			1089			283				*			7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S26 H1

CONSC CAST #	LATITUDE			LONGITUDE				DAY	MO	YR	TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	M2S STA. NAME/ID
	DEG	MIN		DEG	MIN						HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	
28	59	42.11	N	171	29.19	W		27	SEP	17	1202		5.7	81	1016	341	18	74	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 69 m

REMARKS: pycnocline @ 34, Cold pool - .1-.2°C

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot			1090		835								1
2	50			1091			283							2
3	40			1092			285							3
4	30			1093			289							4
5	20			1094			283							5
6	10			1095			279							6
7	0			1096	x356		283							7
8	0	} Ladd												8
9	0	}												9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S27 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)	M5E STA. NAME/ID
29	59	53.74	N	171	15.81	W	27	SEP	17	15	43	06.3	090	1015	319	11	71	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 64 m

REMARKS: pycnocline @ 30m

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot			1097	359	836								1
2	50			1098			283							2
3	40			1099			285							3
4	30			1100			289							4
5	20			1101			283							5
6	10			1102			279							6
7	0			1103			283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S28 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)	MS STA. NAME/ID
30	59	54.37 N		171	43.99 W		27	SEP	17	17	35	07.0	096	1014	322	13	70	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057	MAX. DEPTH =	65 m
PRESS SN	0772	SBE43-Oxy (prime)	1961		
Pri Temp SN	2376	SBE43-Oxy (sec)	0904		
Sec Temp SN	4379	Altimeter	4708		
Pri Cond SN	2985	PAR S/N	70297		
Sec Cond SN	3127				

Instrument Notes:

WEATHER OBS:

REMARKS: pycnocline @ 30m

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	BOT			1104										1
2	50			1105			283							2
3	40			1106			285							3
4	30			1107			289							4
5	20			1108			283							5
6	18			1109			281							6
7	18						283							7
8	18						283							8
9	10			1110			279							9
10	0			1111	360		283							10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S28 H6

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)	M5 STA. NAME/ID
31	59	55.02 N		171	44.06 W		28	SEP	17	01	02	07.3	098	1013	279	13	70	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 65 m

REMARKS: pycnocline @ 30m

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	BOT			1112	361	838		X						1
2	50			1113			283							2
3	40			1114			285							3
4	30			1115			289				X			4
5	20			1116			283							5
6	18			1117			281							6
7	18						283							7
8	18						283							8
9	10			1118			279	X						9
10	0		153	1119			283				X			10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		29 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)	M5X4 STA. NAME/ID
	32	60 04.47	N	172	00.04	W	28	SEP	17	02	28	7.7	98	1013	294	14	64	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057	WEATHER OBS:	MAX. DEPTH = 60 m
PRESS SN	0772	SBE43-Oxy (prime)	1961		
Pri Temp SN	2376	SBE43-Oxy (sec)	0904		
Sec Temp SN	4379	Altimeter	4708	REMARKS: Bottom is below 0°C!	
Pri Cond SN	2985	PAR S/N	70297	Temperature on Upcast is very different than downcast - bottle fire? Jelly's?	
Sec Cond SN	3127				

Instrument Notes:

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut Btl	O2-Btl No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	BOT		154	1120		839								1
2	50			1121			283							2
3	40			1122			285							3
4	30			1123			289							4
5	20			1124			283							5
6	10			1125			279							6
7	0			1126	362		283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S30 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
33	59	53.86 N		172	10.09 W		28	SEP	17	03	50	7.5	98	1013	302	12	74	M5W

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 69 m

REMARKS:

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot			1127	363	840								1
2	50			1128			283							2
3	40			1129			285							3
4	30			1130			289							4
5	20			1131			283							5
6	10			1132			279							6
7	0			1133			283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S31 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)	70m40 STA. NAME/ID
34	59	54.71 N		172	26.23 W		28	SEP	17	04	59	7.7	98	1013	313	14	74	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057	MAX. DEPTH =	70 m
PRESS SN	0772	SBE43-Oxy (prime)	1961		
Pri Temp SN	2376	SBE43-Oxy (sec)	0904		
Sec Temp SN	4379	Altimeter	4708		
Pri Cond SN	2985	PAR S/N	70297		
Sec Cond SN	3127				

Instrument Notes:

WEATHER OBS:

REMARKS: pyc @ 32

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot			1134		841								1
2	50			1135										2
3	40			1136										3
4	30			1137										4
5	20			1138										5
6	10			1139										6
7	0			1140	364									7
8	0													8
9	0													9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S32 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)	70M42 STA. NAME/ID
	35	60 02.36	N	173 00.39	W		28	SEP	17	0703		7.4	97	1014	325	12	68	

	SBE 9+	0772		Fluor/Turbity	FLNTUS-2057
	PRESS SN	0772		SBE43-Oxy (prime)	1961
	Pri Temp SN	2376		SBE43-Oxy (sec)	0904
	Sec Temp SN	4379		Altimeter	4708
	Pri Cond SN	2985		PAR S/N	70297
	Sec Cond SN	3127			

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 62 m

REMARKS:

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot			1141	~~365~~	842								1
2	50			1142			283	*						2
3	40			1143			285							3
4	30			1144			289				*			4
5	20			1145			283	*						5
6	10			1146			279							6
7	0			1147			283				*			7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S33 141

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)	AL17 AU BS1 STA. NAME/ID
36	61	34.93	N	171	19.45	W	28	SEP	17	16	41	6.5	95	1016	049	09	54	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 49 m

REMARKS: Cast at AL17 AU BS1 Mooring. No bottles

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J Gann Samples		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		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		34 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)	70M54 STA. NAME/ID
	57	61 51.69	N	174	05.44	W	29	SEP	17	0504		7.2	88	1024	253	7	73	

	SBE 9+	0772		Fluor/Turbity	FLNTUS-2057
	PRESS SN	0772		SBE43-Oxy (prime)	1961
	Pri Temp SN	2376		SBE43-Oxy (sec)	0904
	Sec Temp SN	4379		Altimeter	4708
	Pri Cond SN	2985		PAR S/N	70297
	Sec Cond SN	3127			

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 68 m

REMARKS: -1.3°C pycnocline less abrupt 28-38m

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot		155	1148		843		*						1
2	50			1149			283							2
3	40			1150			285							3
4	30			1151			289				✓			4
5	20			1152			283	*						5
6	10			1153			279							6
7	6			1154	366		283				*			7
8														8
9														9
10														10
11														11
12														12
1		Inline												1

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S35 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)	70M55 STA. NAME/ID
38	61	56.62	N	174	21.92	W	29	SEP	17	06	24	7.2	79	1025	288	6	74	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 69 m

REMARKS:

skipping every other oxygen

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot			1155		844								1
2	50			1156			28.3							2
3	40			1157			28.5							3
4	30			1158			28.9							4
5	20			1159			28.3							5
6	10			1160			28.9	Chl sample lost during filtering						6
7	0			1161			28.3							7
8	0	} Tanika												8
9	0	} Niskin did not close completely												9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S36 HI

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)	MBS STA. NAME/ID
39	68	58.	N	174	37.	W	29	SEP	17	07	29	7.5	74	1025	284	7	76	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 72 m

REMARKS: T= -1.35 + 8.2°C pyc 40 – 28m

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot			1162		845								1
2	50			1163			283							2
3	40			1164			285							3
4	30			1165			289							4
5	20			1166			283							5
6	10			1167			279							6
7	0			1168	367		283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S37 M1

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)	70M56 STA. NAME/ID
40	62	01.53	N	174	39.44	W	29	SEP	17	0823		7.7	77	1025	258	9	76	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 71 m

REMARKS: T = -1.38°C

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	BOT			1169		8/6								1
2	50			1170			283							2
3	40			1171			285							3
4	30			1172			289							4
5	20			1173			283							5
6	10			1174			279							6
7	0			1175			283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S38 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)	M8W STA. NAME/ID
41	62	11.93 N		175	11.87 W		29	SEP	17	10	26	7.2	84	1025	265	10	80	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057		
PRESS SN	0772	SBE43-Oxy (prime)	1961		
Pri Temp SN	2376	SBE43-Oxy (sec)	0904		
Sec Temp SN	4379	Altimeter	4708		
Pri Cond SN	2985	PAR S/N	70297		
Sec Cond SN	3127				

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 76 m

REMARKS: -1.525°C

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot		156	1176		847								1
2	50			1177			283							2
3	40			1178			285							3
4	30			1179			289							4
5	20			1180			283							5
6	10			1181			279							6
7	0			1182			283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S39 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)	M8N STA. NAME/ID
42	62	25.20	N	174	42.28	W	29	SEP	17	12	27	7.3	86	1025	252	12	73	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 69 m

REMARKS: 8.1 → -1.5 °C page 28 → 32

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot			1183	368	848								1
2	50			1184			283							2
3	40			1185			285							3
4	30			1186			289							4
5	20			1187			283							5
6	10			1188			279							6
7	0			1189			283							7
8	0													8
9	0													9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S4D H1

CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	M8E STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	
43	62	11.88 N	174	17.89 W	29	SEP	17	14	22	07.1	088	1025	251	13	68	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057	MAX. DEPTH =	63 m
PRESS SN	0772	SBE43-Oxy (prime)	1961		
Pri Temp SN	2376	SBE43-Oxy (sec)	0904		
Sec Temp SN	4379	Altimeter	4708		
Pri Cond SN	2985	PAR S/N	70297		
Sec Cond SN	3127				

Instrument Notes:

WEATHER OBS:

REMARKS: pycnocline @ 34m

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut Btl	O2-Btl No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot			1190	-	849								1
2	50			1191			283							2
3	40			1192			285							3
4	30			1193			289							4
5	20			1194			283							5
6	10			1195			279							6
7	0			1196			283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S41 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)	X18C STA. NAME/ID
44	62	11.83	N	174	41.66	W	29	SEP	17	16	32	07.5	094	1024	223	15	74	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 69 m

REMARKS: Pre-recovery CTD

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot	68	157						✓					1
2	Bot								✓					2
3	50						283							3
4	40						285							4
5	30			X1197			289							5
6	22						281							6
7	22						283							7
8	22						283							8
9	20						283							9
10	10						279							10
11	0						283							11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S41 H6

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)	M8C STA. NAME/ID
45	62	11.70	N	174	40.81	W	30	SEP	17	00	04	08.1	086	1023	237	19	74	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 69 m

REMARKS: Post-Deployment CTD

pycnocline @ 30

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	68			1198	x369	x850			x					1
2	60			1199				x						2
3	50			1200			283							3
4	40			1201			285							4
5	30			1202			289	x			x			5
6	20			1203			283							6
7	10			1204			279							7
8	0			1205			283				x			8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S42 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)	70M52 STA. NAME/ID
46	61	33.66 N		173	42.92 W		30	SEP	17	04	26	8.2	88	1023	243	17	74	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057	MAX. DEPTH =	69 m
PRESS SN	0772	SBE43-Oxy (prime)	1961		
Pri Temp SN	2376	SBE43-Oxy (sec)	0904		
Sec Temp SN	4379	Altimeter	4708		
Pri Cond SN	2985	PAR S/N	70297		
Sec Cond SN	3127				

Instrument Notes:

WEATHER OBS:

REMARKS: No clear pycnocline @ this cast

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	BOT			1206	-	851								1
2	50			1207			283							2
3	40			1208			285							3
4	30			1209			289							4
5	20			1210			283							5
6	10			1211			279							6
7	0			1212			283							7
8	0	TANIKA												8
9	0	3												9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		3 HI

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
47	61	14.94	N	173	44.25	W	30	SEP	17	06	27	7.7	95	1024	216	12	75	70m 5D

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 70 m

REMARKS: pyC @ 34 ~ downcast ~30 on upcast.

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot	70m		1213		*857		*						1
2	50			1214			283							2
3	40			1215			285							3
4	30			1216			289				*			4
5	20			1217			283							5
6	10			1218			279	*						6
7	0			1219	*370		283				*			7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S44 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)	70m48 STA. NAME/ID
48	60	54.42	N	173	49.57	W	30	SEP	17	08	38	7.9	97	1024	220	15	81	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 77 m

REMARKS:

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot		158	1220	—	853								1
2	50			1221			283							2
3	40			1222			285							3
4	30			1223			289							4
5	20			1224			283							5
6	10			1225			279							6
7	0			1226			283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S45 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)	70MM46 STA. NAME/ID
49	60	34.45	N	173	38.61	W	30	SEP	17	1050		7.6	93	1024	209	13	69	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 64 m

REMARKS:

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot	~64		1227	371	854		*						1
2	50			1228			283							2
3	40			1229			285							3
4	30			1230			289							4
5	20			1231			283				*			5
6	10			1232			279							6
7	0			1233			283				*			7
8	0	} Tanika												8
9	0	}												9
10														10
11														11
12														12
1		Inline												1

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		346 N1

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)	70044 STA. NAME/ID
50	60	15.16 N		173	31.23 W		30	SEP	17	1307		7.6	95	1025	207	1.3	70	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 66 m

REMARKS:

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot			1234	-	855								1
2	50			1235			283							2
3	40			1236			285							3
4	30			1237			289							4
5	20			1238			283							5
6	10			1239			279							6
7	0			1240			283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S47 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)	70M42 STA. NAME/ID
51	60	02.14	N	173	00.19	W	30	SEP	17	15	17	07.7	090	1025	209	13	67	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX DEPTH = 67 m

REMARKS: Reoccupation of 70M42 after 2 days

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot		159	1241	–	–								1
2	50			1242			283							2
3	40			1243			285							3
4	30			1244			289							4
5	20			1245			283							5
6	10			1246			279							6
7	0			1247			283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S48

AL17 AM BS:

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
	52	59 14.34	N	169	24.64	W	01	~~SEP~~ OCT	17	02	11	7.4	74	1026	180	14	55	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057	MAX. DEPTH =	50 m
PRESS SN	0772	SBE43-Oxy (prime)	1961		
Pri Temp SN	2376	SBE43-Oxy (sec)	0904		
Sec Temp SN	4379	Altimeter	4708		
Pri Cond SN	2985	PAR S/N	70297		
Sec Cond SN	3127				

Instrument Notes:

WEATHER OBS:

REMARKS: Post recovery cast, Salt sample

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot		160											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		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		ST 49 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)	AL17 AUB53 STA. NAME/ID
053	57	40.89	N	164	43.73	W	01	~~SEP~~ OCT	17	17	18	07.8	083	1018	091	19	54	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057	MAX. DEPTH =	49 m
PRESS SN	0772	SBE43-Oxy (prime)	1961		
Pri Temp SN	2376	SBE43-Oxy (sec)	0904		
Sec Temp SN	4379	Altimeter	4708		
Pri Cond SN	2985	PAR S/N	70297		
Sec Cond SN	3127				

Instrument Notes:

WEATHER OBS:

REMARKS: cast for AL17 AUB53 Mooring - No bottles pycnocline @ 35m

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		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		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S50 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)	70M2/KK2C STA. NAME/ID
54	56	52.68	N	164	02.66	W	02	~~OCT~~ SEP	17	0332		6.6	91	1002	49	18	72	

SBE 9+	0772		Fluor/Turbity	FLNTUS-2057	
PRESS SN	0772		SBE43-Oxy (prime)	1961	
Pri Temp SN	2376		SBE43-Oxy (sec)	0904	
Sec Temp SN	4379		Altimeter	4708	
Pri Cond SN	2985		PAR S/N	70297	
Sec Cond SN	3127				

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 68 m

REMARKS: Post deployment cast

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot			1248	372	856			*					1
2	50			1249			283	*						2
3	40			1250			285							3
4	30			1251			289	*						4
5	23			—			283							5
6	23			1252			279				*			6
7	23			—			283							7
8	0			—			—				*			8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S5D H2

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)	70M2/M2C STA. NAME/ID
55	56	52.90	N	164	02.22	W	02	~~SEP~~ OCT	17	04	12	6.3	92	1002	26	19	72	

	SBE 9+	0772		Fluor/Turbity	FLNTUS-2057
	PRESS SN	0772		SBE43-Oxy (prime)	1961
	Pri Temp SN	2376		SBE43-Oxy (sec)	0904
	Sec Temp SN	4379		Altimeter	4708
	Pri Cond SN	2985		PAR S/N	70297
	Sec Cond SN	3127			

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 68 m

REMARKS: 2nd Post-deployment for Cal. bration Samples

67
-15
52

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot								*					1
2	11						281							2
3	11			1253			283							3
4	11						263							4
5	D			1254			283							5
6														6
7														7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S51 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)	UBWH STA. NAME/ID
56	54	41.19 N		166	14.29 W		03	~~SEP~~ OCT	17	06	18	7.4	89	1010	305	7	293	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057	WEATHER OBS:	MAX DEPTH = 288 m
PRESS SN	0772	SBE43-Oxy (prime)	1961		
Pri Temp SN	2376	SBE43-Oxy (sec)	0904		
Sec Temp SN	4379	Altimeter	4708		
Pri Cond SN	2985	PAR S/N	70297		
Sec Cond SN	3127				

Instrument Notes:

REMARKS: DIC are at indicated Niskins + Depths not at what was requested on list.

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot			1255		857								1
2	200			1256										2
3	100			1257										3
4	75			1258										4
5	50			1259			283							5
6	40			1260			285	X						6
7	30			1261			289				X			7
8	20			1262			283							8
9	10			1263			279	X						9
10	0			1264			283				X			10
11	0													11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S52 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)	UBW 3 STA. NAME/ID
57	54	34.77	N	166	07.67	W	03	~~SEP~~ OCT	17	08	14	7.8	87	1011	302	9	418	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057		
PRESS SN	0772	SBE43-Oxy (prime)	1961		
Pri Temp SN	2376	SBE43-Oxy (sec)	0904		
Sec Temp SN	4379	Altimeter	4708		
Pri Cond SN	2985	PAR S/N	70297		
Sec Cond SN	3127				

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 415 m

REMARKS: Stuck @ the bottom. Bridge used emergency override to stop winch at bottom due to radio mixup.

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot			1265										1
2	300			1266										2
3	200			1267										3
4	100			1268										4
5	75			1269										5
6	50			1270			283							6
7	40			1271			285							7
8	30			1272			289							8
9	20			1273			283							9
10	10			1274			279							10
11	0			1275			283							11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S.5.3 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
	54 28.61			166 02.44						0955 0923								UBW2
58	54	28.60	N	166	02.62	W	03	SEP	17	09	37	7.9	76	1011	285	11	534	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057		
PRESS SN	0772	SBE43-Oxy (prime)	1961		
Pri Temp SN	2376	SBE43-Oxy (sec)	0904		
Sec Temp SN	4379	Altimeter	4708		
Pri Cond SN	2985	PAR S/N	70297		
Sec Cond SN	3127				

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 529 m

REMARKS:

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut Btl	O2-Btl No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot	~530	161	1276										1
2	400			1277										2
3	200			1278										3
4	100			1279										4
5	75			1280										5
6	50			1281			283							6
7	40			1282			285							7
8	30			1283			289							8
9	20			1284			283							9
10	10			1285			279							10
11	0			1286			283							11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S54 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
59	54	21.69 N		165	56.21 W		03	OCT SEP	17	11	34	7.7	79	1012	290	18	481	UBW1

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 476 m

REMARKS:

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot			1287		8.57								1
2	250			1288										2
3	100			1289										3
4	75			1290										4
5	50			1291			283							5
6	40			1292			285							6
7	30			1293			289							7
8	20			1294			283							8
9	10			1295			279				*		no pycnocline	9
10	0			1296			283				*			10
11	0													11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S65 M1

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
																		UBS4
60	54	20.40	N	165	26.41	W	03	OCT	17	14	24	07.9	069	1012	309	13	163	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 157 m

REMARKS:

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	BOT			1297		859								1
2	125			1298										2
3	100			1299										3
4	75			1300										4
5	50			1301			283							5
6	40			1302			285							6
7	30			1303			289							7
8	20			1304			283							8
9	10			1305			279							9
10	0			1306			283							10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S56 H1

CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	
61	54	22.53 N	165	16.44 W	03	OCT	17	15	55	07.5	087	1012	289	10	165	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 161 m

REMARKS:

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	BOT			1307	373	860								1
2	125			1308										2
3	100			1309										3
4	75			1310										4
5	50			1311			283							5
6	40			1312			285							6
7	30			1313			289							7
8	20			1314			283							8
9	10			1315			279							9
10	0			1316			283							10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S57 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)	UBS2 STA. NAME/ID
	62	54 25.51	N	165	08.22	W	03	OCT	17	16	52	07.1	089	1012	268	15	128	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057		
PRESS SN	0772	SBE43-Oxy (prime)	1961		
Pri Temp SN	2376	SBE43-Oxy (sec)	0904		
Sec Temp SN	4379	Altimeter	4708		
Pri Cond SN	2985	PAR S/N	70297		
Sec Cond SN	3127				

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 123 m

REMARKS:

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	BOT			1317		861								1
2	100			1318				X						2
3	75			1319										3
4	50			1320			283	X						4
5	40			1321			285							5
6	30			1322			289				X			6
7	20			1323			283							7
8	10			1324			279	X						8
9	0			1325			283				X			9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		558 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)	UBS1 STA. NAME/ID
	63	54.26	N	164	58.72	W	03	OCT	17	18	07	06.9	096	1011	278	07	52	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 40 m

REMARKS:

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples			Comments	Nis No
1	40			1326		862	285								1
2	30			1327			289								2
3	20			1328			283								3
4	10			1329			279								4
5	0		162	1330			283								5
6															6
7															7
8															8
9															9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S59 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)	AL17 AUB54 STA. NAME/ID
64	54	25.69	N	165	15.78	W	03	OCT	17	21	29	07.8	085	1010	204	11	163	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 158 m

REMARKS: bottle 9 tripped to test for leaks

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1														1
2														2
3														3
4														4
5														5
6														6
7														7
8														8
9	158													9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		56041

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
	65	54.45.22	N	166	03.14	W	04	OCT	17	00	45	08.4	097	1009	244	15	220	UBN1

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 217 m

REMARKS:

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	BOT			1331		863								1
2	150			1332										2
3	100			1333										3
4	75			1334										4
5	50			1335			283							5
6	40			1336			285							6
7	30			1337			289							7
8	20			1338			283							8
9	10			1339			279							9
10	0			1340			283							10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		SG1 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)	UBNZ STA. NAME/ID
	66	54 48.66	N	165	51.56	W	04	OCT	17	02	28	8.5	97	1009	255	20	166	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057	MAX. DEPTH =	160 m
PRESS SN	0772	SBE43-Oxy (prime)	1961		
Pri Temp SN	2376	SBE43-Oxy (sec)	0904		
Sec Temp SN	4379	Altimeter	4708		
Pri Cond SN	2985	PAR S/N	70297		
Sec Cond SN	3127				

Instrument Notes:

WEATHER OBS:

REMARKS:

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot			1341		864								1
2	100			1342										2
3	75			1343										3
4	50			1344			283							4
5	40			1345			285							5
6	30			1346			289							6
7	20			1347			283							7
8	10			1348			279							8
9	0			1349			283							9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S62 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)	UBM3 STA. NAME/ID
	67	54 51.74	N	165 39.96	W		04	OCT	17	04	00	8.5	97	1010	260	15	145	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057	MAX. DEPTH =	139 m
PRESS SN	0772	SBE43-Oxy (prime)	1961		
Pri Temp SN	2376	SBE43-Oxy (sec)	0904		
Sec Temp SN	4379	Altimeter	4708		
Pri Cond SN	2985	PAR S/N	70297		
Sec Cond SN	3127				

Instrument Notes:

WEATHER OBS:

REMARKS:

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples			Comments	Nis No
1	Bot			1350		865									1
2	100			1351											2
3	75			1352		866									3
4	50			1353			283								4
5	40			1354			285								5
6	30			1355		867	289								6
7	20			1356			283								7
8	10			1357			279								8
9	0			1358		868	283								9
10															10
11															11
12															12
I		Inline													I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S63 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
	68	54 55.88	N	165 28.02	W		04	OCT	17	05	08	8.5	96	1011	271	19	125	UBNH

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 121 m

REMARKS:

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot		164	1359										1
2	100			1360										2
3	75			1361										3
4	50			1362			283							4
5	40			1363			285							5
6	30			1364			289							6
7	20			1365			283							7
8	10			1366			279							8
9	0			1367			283							9
10														10
11														11
12														12
I		Inline 163 - Salt												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S04 HI

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
	69	54 59.24	N	165 17.18	W		04	OCT	17	06	30	8.6	95	1011	282	11	116	UBNS

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 111 m

REMARKS:

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut Btl	O2-Btl No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot			1368		869								1
2	100			1369										2
3	75			1370										3
4	50			1371			2283							4
5	40			1372			2285							5
6	30			1373			2289							6
7	20			1374			2283							7
8	10			1375			2279							8
9	0			1376			2273							9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S65 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
	70	55 02.58	N	165	07.06	W	04	OCT	17	07	52	8.6	95	1011	252	13	112	UBM6

	SBE 9+	0772		Fluor/Turbity	FLNTUS-2057
	PRESS SN	0772		SBE43-Oxy (prime)	1961
	Pri Temp SN	2376		SBE43-Oxy (sec)	0904
	Sec Temp SN	4379		Altimeter	4708
	Pri Cond SN	2985		PAR S/N	70297
	Sec Cond SN	3127			

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 107 m

REMARKS:

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bott	106		1372		870		*						1
2	75			1378										2
3	50			1379		871	283	*						3
4	40			1380			285							4
5	30			1381		872	289							5
6	20			1382			283							6
7	10			1383		873	279	*			*			7
8	0			1384		874	283				*			8
9	0													9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		Sl26 H1

CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	UBEI STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	
	71	54 56.25 N	164 59.55 W		04	OCT	17	09	19	8.5	95	1011	225	16	92	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057		
PRESS SN	0772	SBE43-Oxy (prime)	1961		
Pri Temp SN	2376	SBE43-Oxy (sec)	0904		
Sec Temp SN	4379	Altimeter	4708		
Pri Cond SN	2985	PAR S/N	70297		
Sec Cond SN	3127				

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 86 m

REMARKS:

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot			1385		875								1
2	75			1386										2
3	50			1387										3
4	40			1388										4
5	30			1389										5
6	20			1390										6
7	10			1391										7
8	0			1392	371									8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S67 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)	UBE2 STA. NAME/ID
72	54	49.77	N	164	53.34	W	04	OCT	17	10	34	8.6	91	1011	220	16	75	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057		
PRESS SN	0772	SBE43-Oxy (prime)	1961		
Pri Temp SN	2376	SBE43-Oxy (sec)	0904		
Sec Temp SN	4379	Altimeter	4708		
Pri Cond SN	2985	PAR S/N	70297		
Sec Cond SN	3127				

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 71 m

REMARKS:

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot		165	1393		x876								1
2	50			1394			283							2
3	40			1395		x877	285							3
4	30			1396			289							4
5	20			1397		x878	283							5
6	10			1398			279							6
7	0			1399		x879	283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAAS Oscar Dyson	DY1708	Eco-FOCI Autumnal Mooring Cruise		S68 H1

CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	UBE3 STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	
73	54	43.35 N	164	46.89 W	04	OCT	17	11	27	8.7	88	1011	229	13	49	

SBE 9+	0772	Fluor/Turbity	FLNTUS-2057
PRESS SN	0772	SBE43-Oxy (prime)	1961
Pri Temp SN	2376	SBE43-Oxy (sec)	0904
Sec Temp SN	4379	Altimeter	4708
Pri Cond SN	2985	PAR S/N	70297
Sec Cond SN	3127		

Instrument Notes:

WEATHER OBS:

MAX. DEPTH = 44 m

REMARKS: Ixed all the way to the bo

Recorder Initials:

Nis No	Depth Desired	Rosette Notes	Hydro Team-PMEL Salt	Nut.Btl	O2-Btl.No	DOP/DON	Chloro GFF Vol	Carbon Chemistry DIC	UAF-CO2		J. Gann Samples		Comments	Nis No
1	Bot	44m		1400		x880	283							1
2	40			1401			255	*						2
3	30			1402		x881	289							3
4	20			1403			283	*						4
5	10			1404		x882	279				*			5
6	0			1405			283				*			6
7														7
8														8
9														9
10														10
11														11
12														12
I		Inline												I