VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	~~DY1609~~ DY1610	Fall mooring + 70m ~~DASIS Leg 1~~ 150		01

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
01	54	20.21	N	165	25.99	W	25	Sep	16	05	37	8.3	82	1018	287	15	160	UBSH

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: SFC/Bottom Temp. MAX. DEPTH = 156 m

REMARKS: Bottles 5 & 9 leaked from cap.

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		omment	Nis No
1	Bot		210x	1190	~~2285~~									1
2	125			1191										2
3	100			1192										3
4	75			1193										4
5	50			1194			283							5
6	40			1195			285							6
7	30			1196			289							7
8	20			1197			283							8
9	10			1198			279							9
10	0			1199			283							10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	~~DY1609~~ DY1610	Fall Mooring + 70m ~~DASIS Leg 1~~ 150		UBS3

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
02	54	22.60	N	165	17.32	W	25	Sep	16	07	15	9.3	78	1019	308	11	174	UBS3

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 169 m

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		omment	Nis No
1	Bot			1200										1
2	150			1201										2
3	100			1202										3
4	75			1203										4
5	50			1204			283							5
6	40			1205			285							6
7	30			1206			289							7
8	20			1207	[illegible]		283							8
9	10			1208			279							9
10	0			1209	086		283							10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	~~DY1609~~ DY1610	Fall mooring + 70m ~~OASIS Leg 1~~ 150		UBS2

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
03	03	54 25.80	N	165	08.08	W	25	Sep	16	08	20	8.6	81	1019	336	5	123	UBS2

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: SFC/Bottom Temp. MAX. DEPTH = 118 m

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		omment	Nis No
1	Bot			1210	288									1
2	100			1211										2
3	75			1212										3
4	50			1213			283							4
5	40			1214			285							5
6	30			1215			289							6
7	20			1216			283							7
8	10			1217			279							8
9	0			1218			283							9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	~~DY1609~~ DY1610	Fall mooring + 70m ~~BASIS Leg 1~~ 150		UBS1

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)	
04	54	26.66 N	164	58.93 W	28	Sep	16	09	45	9.3	78	1019	309	7	41	UBS1

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: SFC/Bottom Temp. MAX. DEPTH = 35 m

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		omment	Nis No
1	Bot			1219			285							1
2	30			1220			289							2
3	20			1221			283							3
4	10			1222			279							4
5	0			1223	289		283							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.
Oscar Dyson	~~DY1605~~ DY1610	Fall mooring + 70m ~~BASIS Leg 1~~ ISO		5 M2S

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
005	56	39.91	N	163	52.23	W	25	Sep	16	22	15	8.4	78	1018	266	16	75	05 M2S

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: SFC/Bottom Temp. MAX. DEPTH = 69 m

REMARKS: PP expt #1

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml	PP Vol.	omment	Nis No
1	BOT			1224	291									1
2	60			1225										2
3	50			1226			283		290 ml			625 ml		3
4	40			1227			279		↓			↓		4
5	30			1228			283							5
6	20			1229			289						T=0 at 20m	6
7	10			1230			285							7
8	0			1231			293		↓			↓		8
9														9
10														10
11														11
12														12
I		Inline												I

EMA Chl stuck

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	~~DY1609~~ DY1610	Fall mooring + 70m ~~BASIS Leg 1~~ ISO		M2 - Center

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	51.98	N	164	64.14	W	27	Sep	16	14	39	10.3	083	1023	244	09	72	006

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: SFC/Bottom Temp. MAX. DEPTH = 11 m

REMARKS: Cast #1, Center Station @ M2

Take Salt from Niskin 5 if this is Station #5

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		omment	Nis No
1	11						~~X 28~~						Bottle did not fire	1
2	11			X1232			X 285							2
3	11						X 283							3
4	0				X292		X 283							4
5	0			X1233	X293		X 279							5
6	0				X346		X 283							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.
Oscar Dyson	~~DY1609~~ DY1610	Fall Mooring + 70m ~~BASIS Leg 1~~ 150		M2 - Center

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
																		06
007	56	51.91	N	164	03.67	W	27	Sep	16	15	02	10.1	086	1023	251	10	72	006

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

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

REMARKS: Cast # 2, Center Station @ M2

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		omment	Nis No
1	Bot		211	x1234										1
2	53				x351		x 283	c						2
3	53			x 1235	x 352		x 281	b						3
4	53				x353		x 288	a						4
5	44						x 283	c						5
6	44			x1236			x 283	b						6
7	44						x 285	a						7
8	30			x 1237			x 289							8
9	24			x1238			x 283	c						9
10	24			x1239			x 279	b						10
11	04			x1240			x 283	a						11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	~~DY1609~~ DY1610	Fall mooring + 70m ~~BASIS Leg 1~~ ISO		07

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	56.53 N	163	49.82 W	27	Sep	16	17	06	10.7	077	1024	248	07	69	MZE

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: SFC/Bottom Temp. MAX. DEPTH = 64 m

REMARKS: Messy on thermocline

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		omment	Nis No
1	BOT			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	355		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	~~DY1609~~ DY1610	Fall mooring + 70m ~~BASIS Leg 1~~ isobath		8

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	57	01.06	N	164	13.05	W	27	Sep	16	18	51	9.7	087	1025	295	09	68	MZN

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: SFC/Bottom Temp. MAX. DEPTH = 60 m

REMARKS: PP expt #2
30m right on thermocline

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	EMA Stack chla >10 Large Vol	GFF ~~Dup~~ Vol	>10 dup vol	POC 500 mL	PP ml	omment	Nis No
1	BOT			1248	356									1
2	50			1249			293	290				1200 ml bottles,		2
3	40			1250			285	290						3
4	30			1251			287	290						4
5	20			1252			283	290						5
6	10			1253			279	290					Phyt at 10m, T=0	6
7	0			1254			283	290						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	~~DY1609~~ DY1610	Fall mooring + 70m ~~OASIS Leg 1~~ 150		9

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
01	56	45.89	N	164	20.37	W	27	Sep	16	20	35	10.8	073	1026	234	06	73	MZW

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

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

REMARKS: PP Expt #3 weird sal trace at thermocline

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	EMA Stacked Chla >10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml	PP Volume	omment	Nis No
1	BOT			1255										1
2	60			1256										2
3	50			1257			283	290 ml —				625 ml		3
4	40			1258			279	290 ml —						4
5	30			1259			283	290 ml —						5
6	20			1260			289	290 ml —					T=0 at 20m	6
7	10			1261			285	290 ml —					Phyt at 10m	7
8	0			1262	037		283	290 ml —						8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	~~DY1609~~ DY1610	Fall mooring + 70m ~~BASIS Leg 1~~ ISO		10

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
01	56	48.60	N	164	35.03	W	27	Sep	16	22	14	10.20	81	1026	209	12	73	70m3

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** **MAX. DEPTH =** 68 m

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		omment	Nis No
1	BOT			1263	100									1
2	60			1264										2
3	50			1265			283							3
4	40			1266			285							4
5	30			1267			279							5
6	20			1268			283							6
7	10			1269			279							7
8	0		212	1270			283							8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	~~DY1609~~ DY1610	Fall mooring + 70m ~~BASIS Leg 1~~ 150		11

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
01	56	54.75	N	164	49.35	W	27	Sep	16	23	25	10.5	072	1026	224	16	71	70M4

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

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

REMARKS:
Sal looks odd

Recorder Initials: DAS

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		omment	Nis No
1	Bot			1271										1
2	50			1272			293							2
3	40			1273			285							3
4	30			1274			289							4
5	20			1275			137							5
6	10			1276			137							6
7	0			1277	107		138							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	~~DY1609~~ DY1610	Fall mooring + 70m ~~BASIS Leg 1~~ 150		12

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
	135	51.61	N	165	07.00	W	28	Sep	16	00	51	9.8	081	1026	241	17	74	70M5

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: SFC/Bottom Temp.

MAX. DEPTH = 71 m

REMARKS:

Recorder Initials: DAS

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		omment	Nis No
1	BOT			1278	150									1
2	60			1279										2
3	50			1280			283							3
4	40			1281			285							4
5	30			1282			289							5
6	20			1283			137							6
7	10			1284			137							7
8	0			1285			138							8
9														9
10														10
11														11
12														12
I		inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	~~DY1609~~ DY1610	Fall mooring + 70m ~~BASIS Leg 1~~ 150		13

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
14	57	59.59	N	165	22.40	W	28	Sep	16	02	12	10.0	74	1026	228	18	72	70m6

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** **MAX. DEPTH =** 65 m

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		omment	Nis No
1	Bot		x213	1286										1
2	50			1287										2
3	40			1288										3
4	30			1289										4
5	20			1290										5
6	10			1291										6
7	0			1292	x161									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	~~DY1609~~ DY1610	Fall mooring + 70m ~~OASIS Leg 1~~ ISO		14

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
15	57	06.24	N	165	36.28	W	28	Sep	16	03	45	9.9	76	1025	238	19	70	70m 7

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

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

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		omment	Nis No
1	Bot			1293	168									1
2	50			1294			283							2
3	40			1295			285							3
4	30			1296			289							4
5	20			1297			137							5
6	10			1298			137							6
7	⊙			1299			138							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	~~DY1609~~ DY1610	Fall mooring + 70m ~~BASIS Leg 1~~ 150		15

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)	
16	57 15.43 N	165 44.43 W	28 Sep 16	0536	9.9	83	1026	231	17	69	70m8

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 64 m

REMARKS: Switched back to the larger bottles (250) Aborted Cast because something in Cond. Returned to deck, flushed both sensors.

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		omment	Nis No
1	Bot			1300										1
2	50			1301			283							2
3	40			1302			285							3
4	30			1303			289							4
5	20			1304			283							5
6	10			1305			279							6
7	0			1306	x172		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	~~DY1609~~ DY1610	Fall mooring + 70m ~~BASIS Leg 1~~ 150		16

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
17	57	19.21	N	166	00.23	W	28	Sep	16	06	47	9.7	89	1025	216	23	68	70m9

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: SFC/Bottom Temp.

MAX. DEPTH = 63 m

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 300 ml		omment	Nis No
1	Bot			1307	x 175									1
2	50			1308			283							2
3	40			1309			285							3
4	30			1310			289							4
5	20			1311			283							5
6	10			1312			279							6
7	0			1313			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	~~DY1609~~ DY1610	Fall Mooring + 70m ~~BASIS Leg 1~~ 150		17

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)	
18	57 19.23 N	166 19.37 W	28 Sep 16	0816	10.2	89	1026	227	19	69	70m10

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: SFC/Bottom Temp. MAX. DEPTH = 64 m

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		omment	Nis No
1	Bot			1314										1
2	50			1315			283							2
3	40			1316			285							3
4	30			1317			289							4
5	20			1318			283							5
6	10			1319			079							6
7	0		*214	1320	*181		083							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	~~DY1609~~ DY1610	Fall mooring + 70m ~~DASIS Leg 1~~ ISO		18

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
19	57	26.28	N	166	30.75	W	28	Sep	16	09	38	10.0	91	1026	229	23	68	70m 11

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: SFC/Bottom Temp.

MAX. DEPTH = 62 m

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Nut (µM)	Hydro Team-PMEL (µM/Btl)	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		ornaments	No
1	Bot		1321		~~197~~							Bottom	cap hung on inner rail, No Sample #1	1
2	50		1322		197		283							2
3	40		1323				285							3
4	30		1324				289							4
5	20		1325				283							5
6	10		1326				279							6
7	0		1327				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	~~DY1609~~ DY1610	Fall mooring + 70m ~~BASIS Leg 1~~ 150		19

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
20	57	25.86	N	164	48.71	W	28	Sep	16	11	00	10.1	93	1026	231	21	70	70m12

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: SFC/Bottom Temp. MAX. DEPTH = 60 m

REMARKS: Bumpy!

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		omment	Nis No
1	Bot			1328										1
2	50			1329			283							2
3	40			1330			285							3
4	30			1331			289							4
5	20			1332			283							5
6	10			1333			279							6
7	0			1334	209		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	DY1610	Foci Mooring and 70m Line		

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
21	57	31.37	N	167	02.16	W	28	Sep	16	1234		10.0	93	1026	241	20	70	70m13

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 58 m

REMARKS: Again there was significant offset in salinity, brought back on deck, flushed & cleaned vent

Chl-a increasing - Coccos?

1° Salinity off on upcast above pycnocline ~20 meters

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		:ommen	Nis No
1	Bot			1335	x215									1
2	50			1336										2
3	40			1337										3
4	30			1338										4
5	20			1339										5
6	10			1340										6
7	0			1341										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	DY1610	Foci Mooring and 70m Line		21

22 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
	22	57 29.99	N	167	20.41	W	28	Sep	16	14	00	9.9	096	1027	242	15	70	70m14

SBE 9+	722	FLUOR S/N	FLNTUS-2057	WEATHER OBS:	SFC/Bottom Temp.
PRESS SN	722	SBE43-Oxy (prime)	1961		MAX. DEPTH = 60 m
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875		
SEC TEMP SN	4379	Transmissometer	CST-1066PR	REMARKS:	Salinities separated again at around 50m
PRI COND SN	2985	PAR S/N	70296		Primary Sal is the culprit
SEC COND SN	3127	O2 Tmp Senson No.			Big swell

Instrument Notes:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		ommen	Nis No
1	Bot		x628	1342										1
2	50			1343			283							2
3	40			1344			285							3
4	30			1345			289							4
5	20			1346			137							5
6	10			1347			137							6
7	0			1348	x220		138							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	DY1610	Foci Mooring and 70m Line		22

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
	57	30.20	N	167	58.50	W	28	Sep	16	16	50	9.8	97	1028	233	11	71	70 M 16

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 62 m

REMARKS: Bad swell - ugly cast.
CTD hit side of ship on recovery
PP expt #4

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml	PP Vol	Comments	Nis No
1	BOT			1349	x241									1
2	50			1350			283		290ml			625ml		2
3	40			1351			285							3
4	30			1352			289							4
5	20			1353			137						PP T=0 at 20m	5
6	10			1354			137						Phyt sample at 10m	6
7	0			1355			138							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

Starboard EMA Chla

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1610	Foci Mooring and 70m Line		23

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
	57	31.38	N	168	36.99	W	28	Sep	16	19	30	9.7	099	1029	205	11	70	7.0 M/8

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 65 m

REMARKS: Ship on swell better. Much better cast

PP expt #5

Recorder Initials:

EMA Chla stack

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml	PP Vol	Comments	Nis No
1	BOT			1356										1
2	50			1357			283		290 ml			1200 ml		2
3	40			1358			285		↓			↓		3
4	30			1359			289							4
5	20			1360			283						PP T=0 at 20m	5
6	10			1361			279						Phyt at 10m	6
7	0			1362	x360		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	DY1610	Foci Mooring and 70m Line		24

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	57	39.22	N	169	01.35	W	28	Sep	16	21	51	9.8	100	1030	197	15	69	MYS

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 63 m

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		:ommen	Nis No
1	BOT			1363	x361									1
2	50			1364			283							2
3	40			1365			285							3
4	30			1366			289							4
5	20			1367			283							5
6	10			1368			279							6
7	0			1369			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	DY1610	Foci Mooring and 70m Line		25

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
	57	46.04	N	168	28.12	W	29	Sep	16	0002		9.8	099	1030	198	12	69	M4E

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 63 m

REMARKS:

Recorder Initials: DAS

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		Comments	Nis No
1	BOT			1370										1
2	50			1371			293							2
3	40			1372			285							3
4	30			1373			289							4
5	20			1374			283							5
6	10			1375			279							6
7	0			1376	x362		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	DY1610	Foci Mooring and 70m Line		26

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
27	57	50.06	N	168	52.94	W	29	Sep	16	02	14	9.9	94	1030	176	14	71	M4C

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: SFC/Bottom Temp. MAX. DEPTH = 65 m

REMARKS: Site M4 Center mooring Dupl. Chl. @ 13m due to Eco-FL deployed on 16BS-4B.

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		Commen	Nis No
1	BOT			1377	363									1
2	50			1378			281							2
3	40			1379			283							3
4	30			1380			283							4
5	20			1381			285							5
6	13			1382			289							6
7	13			1383			283							7
8	13			1384			279							8
9	0		629	1385			283							9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1610	Foci Mooring and 70m Line		27

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	58	04.13 N		168	43.48 W		29	Sep	16	04	29	9.8	93	1030	185	15	70	70M4N

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 65 m

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		Commen	Nis No
1	Bot			1386										1
2	50			1387			283							2
3	40			1388			285							3
4	30			1389			289							4
5	20			1390			283							5
6	10			1391			279							6
7	0			1392	364		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	DY1610	Foci Mooring and 70m Line		28

09 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)	70m4W STA. NAME/ID
	29	57.63	N	169	19.05	W	29	Sep	16	07	01	9.6	93	1030	163	17	66	70m4W

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 61 m

REMARKS: Very bumpy, lots of loops, noisy cast

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		Commen	Nis No
1	Bot			1393	~~365~~									1
2	50			1394			283							2
3	40			1395			285							3
4	30			1396			289							4
5	20			1397			283							5
6	10			1398			279							6
7	0			1399			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	DY1610	Foci Mooring and 70m Line		29

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
30	58	02.58	N	169	40.57	W	29	Sep	16	08	43	9.8	94	1029	148	16	70	7om24

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

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

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		:ommen	Nis No
1	Bot		630	1400										1
2	50			1401			283							2
3	40			1402			285							3
4	30			1403			289							4
5	20			1404			283							5
6	10			1405			279							6
7	0			1406	366		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	DY1610	Foci Mooring and 70m Line		30

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
31	57	07.07	N	170	05.85	W	29	Sep	16	10	55	9.8	91	1028	148	19	72	70m26

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 64 m

REMARKS: Pycnocline is down to ~ 36 meters now, Low f/-

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		Commen	Nis No
1	Bot			1407	x367									1
2	50			1408										2
3	40			1409										3
4	30			1410										4
5	20			1411										5
6	10			1412										6
7	0			1413										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	DY1610	Foci Mooring and 70m Line		31

32 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
	32	58 37.27	N	170 16.05	W		29	Sep	16	13	10	10.0	90	1026	150	22	72	70m28

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: SFC/Bottom Temp. MAX. DEPTH = 63 m

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		:ommen	Nis No
1	Bot			1414										1
2	50			1415			283							2
3	40			1416			285							3
4	30			1417			289							4
5	20			1418			283							5
6	10			1419			279							6
7	0			1420	3468		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	DY1610	Foci Mooring and 70m Line		32

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	58 57.04	N	170 19.47	W		29	Sep	16	15	15	9.7	091	1025	152	20	70	70 M 30

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 65 m

REMARKS:
Hysteresis on Sal

Recorder Initials: DAS

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		ommen	Nis No
1	BOT			1421	369									1
2	50			1422			283							2
3	40			1423			285							3
4	30			1424			289							4
5	20			1425			283							5
6	10			1426			279							6
7	0			1427			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	DY1610	Foci Mooring and 70m Line		33

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	59.90	N	170	24.37	W	29	Sep	16	17	17	9.4	089	1024	157	25	67	70M32

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 62 m

REMARKS: Nutrients sampled backwards. why? who knows.

PP Expt #6

Chaetoceros in 150µm 200 net

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml	PP Vol	Commen	Nis No
1	BOT			1434										1
2	50			1433			283		290			625 ml		2
3	40			1432			285							3
4	30			1431			289							4
5	20			1430			283						PP T=0 at 20m	5
6	10			1429			279						Phyt at 10m	6
7	0			1428	370		283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

Chl EMA Started

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1610	Foci Mooring and 70m Line		34

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	26.03	N	170	54.25	W	29	Sep	16	19	34	9.4	089	1022	147	22	72	70 M34

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

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

REMARKS: PP Expt #7

Recorder Initials: DAS

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF ~~Dup~~ Vol	>10 ~~dup vol~~	POC 500 ml	PP Vol.	Commen	Nis No
							EMA Stacked Chla							
1	Bot			1435	371									1
2	50			1436			288		290 ml			1200 ml		2
3	40			1437			285							3
4	30			1438			289							4
5	20			1439			283						PP T=0 at 20m	5
6	10			1440			279						Phyt at 10m	6
7	0		631	1441			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	DY1610	Foci Mooring and 70m Line		35

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
	36	59.06	N	171	08.40	W	29	Sep	16	21	45	9.1	090	1020	133	25	71	70m36

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

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

REMARKS: Probe jelly in primary sal (and 2nd) @ 30m

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		Comments	Nis No
1	BOT			1442										1
2	50			1443			283							2
3	40			1444			285							3
4	30			1445			289						Phyt FA at 30m	4
5	20			1446			283							5
6	10			1447			279							6
7	0			1448	372		283						Cocco sample 0m	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	DY1610	Foci Mooring and 70m Line		36

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
	57	42.53	N	171	29.90	W	29	Sep	16	23	34	9.8	90	1017	147	31	73	MS

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

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

Weather getting Marginal for ops - lots of heaving

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		:ommen	Nis No
1	BOT			1449	x373									1
2	50			1450			283							2
3	40			1451			289							3
4	30			1452			285							4
5	20			1453			283							5
6	10			1454			279							6
7	0			1455			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	DY1610	Foci Mooring and 70m Line		37

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
	38	59.82	N	171	15.55	W	30	Sep	16	21	45	9.4	100	1003	121.2		71	M5E

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: 1st station after hiding from wind/waves, **SFC/Bottom Temp.** **MAX. DEPTH =** 67 m

REMARKS: PP Expt #8

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF ~~Dup~~ Vol	>10 ~~dup~~ vol	POC 500 ml	PP Vol	Commen	Nis No
1	BOT		632	1456										1
2	50			1457			283		290ml			625ml		2
3	40			1458			289							3
4	30			1459			285							4
5	20			1460			283						PP T=0 at 20m	5
6	10			1461			279						Phyt at 10m	6
7	0			1462	374		283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

EMA Chla Stack

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1610	Foci Mooring and 70m Line		38

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	53.47	N	171	42.34	W	30	Sep	16	23	58	9.3	100	999	120	25	70	M5

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

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

REMARKS: M5 mooring site! Triplicate chl-A at 18m.

Recorder Initials: DAS

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		Comments	Nis No
1	Bot			1463	375									1
2	60			1464			281							2
3	40			1465			283							3
4	30			1466			283							4
5	18			1467			285							5
6	18						289							6
7	18						283						Phyt FA at 10m	7
8	10			1468			279							8
9	0			1469			283						Cocco sample at 0m	9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1610	Foci Mooring and 70m Line		39

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
	40	60.04.78	N	171	59.96	W	01	Oct	16	01	57	9.1	100	996	109	26	64	MST

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 52 m

REMARKS: Bumpy Salinity layer Noisy cast

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		:ommen	Nis No
1	Bot			1470										1
2	40			1471										2
3	30			1472										3
4	20			1473										4
5	10			1474										5
6	0			1475	037									6
7														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	DY1610	Foci Mooring and 70m Line		43

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
41	41	60 34.61	N	173 37.84	W		01	~~OCT~~	16	11	14	8.6	99	981	112	22	68	70m46

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 58 m

REMARKS: Due to weather we have done several Bongoes without doing CTD

Time = 10/01/16 0405
TSG Cl cnts -180 Sal = 634
T = 8.5772 Time = 0407
CL mg/L cnt 1.61

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		ommen	Nis No
1	Bot			1476	x100									1
2	50			1477			283							2
3	40			1478			285							3
4	30			1479			289							4
5	20			1480			283							5
6	10			1481			279							6
7	0		633	1482			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	DY1610	Foci Mooring and 70m Line		44

42 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
	42	05 4.88	N	173 48.80		W	01	Oct Sep	16	13	55	9.7	100	978	112	14	80	70m48

SBE 9+	722	FLUOR S/N	FLNTUS-2057	WEATHER OBS: SFC/Bottom Temp.	MAX. DEPTH = 72 m
PRESS SN	722	SBE43-Oxy (prime)	1961		
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875		
SEC TEMP SN	4379	Transmissometer	CST-1066PR	REMARKS:	
PRI COND SN	2985	PAR S/N	70296		
SEC COND SN	3127	O2 Tmp Senson No.			

Instrument Notes:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		:ommen	Nis No
1	Bot			1483										1
2	50			1484			283							2
3	40			1485			285							3
4	30			1486			289							4
5	20			1487			283							5
6	10			1488			279							6
7	0			1489	107		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	DY1610	Foci Mooring and 70m Line		45

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
	43	03.92	N	173	49.65	W	01	Oct Sep	16	15	20	8.7	100	979	121	14	78	70m49

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 72 m

REMARKS: PP Expt #9

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	EMA Stock Chl GFF ~~Dup~~ Vol	>10 ~~dup~~ vol	POC 500 ml	PP Vol	Commen	Nis No
1	BOT			1490	150									1
2	50			1491			283		290 ml			625 ml		2
3	40			1492			285							3
4	30			1493			289							4
5	20			1494			283						PP T=0 at 20m	5
6	10			1495			279						Phyt at 10m	6
7	0			1496			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	DY1610	Foci Mooring and 70m Line		46

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
44	44	60.06.15	N	173	18.73	W	02	Sept	16	14	56	6.1	097	997	313	05	71	70m43

70m?

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: SFC/Bottom Temp. MAX. DEPTH = 65 m

REMARKS: Odd sal trace

Recorder Initials: DAS

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		Commen	Nis No
1	Bot		.635	1497										1
2	50			1498			283							2
3	40			1499			285							3
4	30			1500			289							4
5	20			1501			283							5
6	10			1502			279							6
7	0			1503	161		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	DY1610	Foci Mooring and 70m Line		47

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	02.32	N	173	00.53	W	02	Oct	16	16	29	6.8096	99.8	1029.8	11		68	70 m 4 z

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 62 m

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		:ommen	Nis No
1	BOT			1504	168									1
2	50			1505			283							2
3	40			1506			285							3
4	30			1507			289							4
5	20			1508			283							5
6	10			1509			279							6
7	0			1510			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	DY1610	Foci Mooring and 70m Line		4/8

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
	46	59.58.74	N	172	44.96	W	02	~~Sep~~ OCT	16	17	37	7.1	094	9999	282	12	68	70M41

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 64 m

REMARKS: PP Expt #10

Recorder Initials: DAS

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF ~~Dup~~ Vol	>10 ~~dup~~ vol	POC 500 ml	PP vol.	Commen	Nis No
1	BOT			1511					EMA Chla stack					1
2	50			1512			283		290 ml			1200 ml		2
3	40			1513			285							3
4	30			1514			289							4
5	20			1515			283						PP T=0 at 20m	5
6	10			1516			279						Phyt at 10m	6
7	0		636	1517	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	DY1610	Foci Mooring and 70m Line		49

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	59.54.67	N	172	26.24	W	02	~~08~~ OCT	16	18	53	7.2	093	1001	283	11	73	70M40

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

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

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		ommen	Nis No
1	BOT			1518	175									1
2	50			1519			283							2
3	40			1520			285							3
4	30			1521			289							4
5	20			1522			283							5
6	10			1523			279							6
7	0			1524			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	DY1610	Foci Mooring and 70m Line		50

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
048	59	53.72	N	172	10.10	W	02	Oct	16	20	22	7.4	87	1002	287	11	73	MSW

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 68 m

REMARKS: Station revisited to collect CTD
Only bongo collected on first visit.
PP # 11

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml	PP Vol.	Comments	Nis No
1	BOT		x637	1525										1
2	50			1526			283		290 ml			625 ml		2
3	40			1527			285							3
4	30			1528			289							4
5	20			1529			283						T=0 at 20m	5
6	10			1530			279						Phyt at 10m	6
7	0			1531	x181		283							7
8														8
9														9
10														10
11														11
12														12
I		Inline												I

EMA Chla stack

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1610	Foci Mooring and 70m Line		51

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
	49	46.28	N	171	27.10	W	02	06	16	22	40	7.5	087	1003	285	07	73	70M37

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 68 m

REMARKS:

Recorder Initials: DAS

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		Commen	Nis No
1	BOT			1532	197									1
2	50			1533			283							2
3	40			1534			285							3
4	30			1535			289							4
5	20			1536			283							5
6	10			1537			279							6
7	D			1538			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	DY1610	Foci Mooring and 70m Line		52

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
50	59	35.68 N	147	55.43 W	03	06	16	00	39	7.2	90	1004	322	13	71	70 M 35

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

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

REMARKS:

Recorder Initials: DAS

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		Comments	Nis No
1	BOT			1539										1
2	50			1540			283							2
3	40			1541			285							3
4	30			1542			289							4
5	20			1543			283							5
6	10			1544			279							6
7	0		638	1545	x209		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	DY1610	Foci Mooring and 70m Line		53

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
51	59	20.05 N	170	39.15 W	03	Oct	16	02	33	7.0	82	1006	302	17	69	70 M33

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

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

REMARKS: Bottom is very mixed, high turbidity, low Beam Trans

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		:ommen	Nis No
1	BOT		≈639	1546	x215									1
2	50			1547			283							2
3	40			1548			285							3
4	30			1549			289							4
5	20			1550			283							5
6	10			1551			279							6
7	0			1552			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	DY1610	Foci Mooring and 70m Line		54

52 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)	70m31 STA. NAME/ID
	52	59 06.37	N	170 14.78	W		03	Oct	16	04	28	7.7	74	1009	286	14	67	70m31

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 62 m

REMARKS: Rolling very heavily, noisy cast High turbidity in bottom layer TD Salinity picked up something at the interface, reading low
TSG Sal = 6.41

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	~~DIC/Alk~~	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		Comment	Nis No
1	Bot			1553										1
2	50			1554			283							2
3	40			1555			285							3
4	30			1556			289							4
5	20			1557			283							5
6	10			1558			279							6
7	0		6.40	1559	2.20		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	DY1610	Foci Mooring and 70m Line		55

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
53	58	46.57 N	170	17.31 W	03	Oct	16	06	49	8.2	71	1012	262	15	72	70m29

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 65 m

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		Comment	Nis No
1	Bot		642	1560										1
2	50			1561			283							2
3	40			1562			285							3
4	30			1563			289							4
5	20			1564			283							5
6	10			1565			279							6
7	0			1566	241	263	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	DY1610	Foci Mooring and 70m Line		36

54 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)	70m27 STA. NAME/ID
	54	58.26.75 N		170	11.05 W		03	Oct	16	09	19	8.5	71	1014	230	11	73	70m27

SBE 9+	722	FLUOR S/N	FLNTUS-2057	MAX. DEPTH =	68 m
PRESS SN	722	SBE43-Oxy (prime)	1961		
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875		
SEC TEMP SN	4379	Transmissometer	CST-1066PR		
PRI COND SN	2985	PAR S/N	70296		
SEC COND SN	3127	O2 Tmp Senson No.			

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.**

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		Comment	Nis No
1	Bot			1567	x265									1
2	50			1568			283							2
3	40			1569			285							3
4	30			1570			289							4
5	20			1571			283							5
6	10			1572			279							6
7	0		x643	1573			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	DY1610	Foci Mooring and 70m Line		57

55 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)	70M25 STA. NAME/ID
	55	58 09.01	N	169	55.51	W	03	Oct	16	11	55	8.5	74	1016	191	10	71	70M25

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

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

REMARKS: 2° Salinity has issues below pycnocline Then flushed itself out - on downcast

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		:ommen	Nis No
1	Bot		x644	1574										1
2	50			1575			283							2
3	40			1576			285							3
4	30			1577			289							4
5	20			1578			283							5
6	10			1579			279							6
7	0			1580	x277		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	DY1610	Foci Mooring and 70m Line		58

56 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)	70m23 STA. NAME/ID
	56	57.90	N	169	30.65	W	03	Oct	16	14	27	8.6	086	1016	153	12	68	70m23

SBE 9+	722	FLUOR S/N	FLNTUS-2057	WEATHER OBS:	SFC/Bottom Temp.
PRESS SN	722	SBE43-Oxy (prime)	1961		MAX. DEPTH = 62 m
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875		
SEC TEMP SN	4379	Transmissometer	CST-1066PR	REMARKS:	40m bottle a little deep due to thermocline
PRI COND SN	2985	PAR S/N	70296		
SEC COND SN	3127	O2 Tmp Senson No.			

Instrument Notes:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		Commen	Nis No
1	Bot			1581	x785									1
2	50			1582			283							2
3	40			1583			285							3
4	30			1584			289							4
5	20			1585			283							5
6	10			1586			279							6
7	0		x645	1587			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	DY1610	Foci Mooring and 70m Line		59

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
57	57	9 20.36	N	165	26.13	W	04	Oct	16	13	30						158	UBS4

Unimak Box

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 153 m

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		Comment	Nis No
1	Bot		646	1588										1
2	125			1589										2
3	100			1590										3
4	75			1591										4
5	50			1592										5
6	40			1593										6
7	30			1594										7
8	20			1595										8
9	10			1596										9
10	0			1597	360									10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1610	Foci Mooring and 70m Line		60

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
58	54	22.81	N	165	17.10	W	04	Oct	16	15	02	9.8	084	1017	163	18	166	UBS3

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 160 m

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		Comments	Nis No
1	BOT			1598	361									1
2	125			1599										2
3	100			1600										3
4	75			1601										4
5	50			1602			283							5
6	40			1603			285							6
7	30			1604			289							7
8	20			1605			283							8
9	10			1606			279							9
10	0			1607			283							10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName	STATION NO.
Oscar Dyson	DY1610	Foci Mooring and 70m Line		G1

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
059	54	25.61	N	165	08.33	W	04	07	16	16	03	9.5	089	1016	160	18	129	UBS2

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 122 m

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		Commen	Nis No
1	BOT			1608										1
2	100			1609										2
3	75			1610										3
4	50			1611			283							4
5	40			1612			285							5
6	30			1613			289							6
7	20			1614			283							7
8	10			1615			279							8
9	0		x647	1616	x362		283							9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1610	Foci Mooring and 70m Line		62

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
	60	54.37	N	164	58.87	W	04	Oct	16	17	27	10.0	087	1016	163	22	46	UBS1

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 42 m

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		:ommen	Nis No
1	BOT			1617	1363		285							1
2	30			1618			289							2
3	20			1619			283							3
4	10			1620			279							4
5	0			1621			283							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.
Oscar Dyson	DY1610	Foci Mooring and 70m Line		63

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
061	54	41.08	N	166	14.80	W	04	07	16	22	01	10.5	085	1013	168	17	294	UBW4

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 286 m

REMARKS: 30m/min to 100m, 60m/min after, 60m/m most of the way up

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		Comment	Nis No
1	BOT			1622	364									1
2	200			1623										2
3	150			1624										3
4	100			1625										4
5	75			1626	X		283							5
6	50			1627										6
7	40			1628	X		285							7
8	30			1629	X		289							8
9	20			1630	X		283							9
10	10			1631	X		279							10
11	0			1632	X		283							11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1610	Foci Mooring and 70m Line		64

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
062	54	45.54	N	166	03.19	W	04	Oct	16	23	55	10.60	87	1012	167	19	213	UBN1

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 207 m

REMARKS: Down @ 30m/m

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		:ommen	Nis No
1	BOT		648	1633										1
2	150			1634										2
3	100			1635										3
4	75			1636										4
5	50			1637			283							5
6	40			1638			283							6
7	30			1639			289							7
8	20			1640			283							8
9	10			1641			279							9
10	0			1642	.365		283							10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1610	Foci Mooring and 70m Line		65

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
	063	54.87	N	165	51.92	W	05	Oct	16	01	24	10.5	087	1012	180	22	163	UBNZ

SBE 9+	722	FLUOR S/N	FLNTUS-2057	WEATHER OBS:	SFC/Bottom Temp.
PRESS SN	722	SBE43-Oxy (prime)	1961		MAX. DEPTH = 160 m
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875		
SEC TEMP SN	4379	Transmissometer	CST-1066PR	REMARKS:	Nothing to say.
PRI COND SN	2985	PAR S/N	70296		
SEC COND SN	3127	O2 Tmp Senson No.			

Instrument Notes:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		:ommen	Nis No
1	BOT			1643	366									1
2	125			1644										2
3	100			1645										3
4	75			1646										4
5	50			1647										5
6	40			1648										6
7	30			1649										7
8	20			1650										8
9	10			1651										9
10	0			1652										10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1610	Foci Mooring and 70m Line		66

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
64	54	51.91	N	165	40.24	W	05	Oct	16	02	50	10.4	88	1012	160	17	143	UBM3

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 139 m

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		Commen	Nis No
1	BOT			1653										1
2	125			1654										2
3	100			1655										3
4	75			1656										4
5	50			1657			283							5
6	40			1658			285							6
7	30			1659			289							7
8	20			1660			283							8
9	10			1661			279							9
10	0			1662	367		283							10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1610	Foci Mooring and 70m Line		67

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	65	54.85	N	165	29.01	W	05	Oct	16	03	52	10.2	91	1012	163	24	125	UBN4

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 121 m

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		Commen	Nis No
1	Bot		649	1663	368									1
2	100			1664										2
3	75			1665										3
4	50			1666			283							4
5	40			1667			285							5
6	30			1668			289							6
7	20			1669			283							7
8	10			1670			279							8
9	0			1671			283							9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1610	Foci Mooring and 70m Line		68

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
66	66	54.59	N	166	17.24	W	05	07	16	05	05	10.2	91	1013	170	22	116	UBN5

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 111 m

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		Comment	Nis No
1	Bot			1672										1
2	100			1673										2
3	75			1674										3
4	50			1675			283							4
5	40			1676			285							5
6	30			1677			289							6
7	20			1678			283							7
8	10			1679			279							8
9	0			1680	369		283							9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1610	Foci Mooring and 70m Line		69

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
67	67	55.02.71	N	165	06.52	W	05	07	16	06	01	10.4	90	1013	171	22	112	UBNG

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 107 m

REMARKS: This line intentionally left blank

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		Commen	Nis No
1	Bot		630	1681	370									1
2	100			1682										2
3	75			1683										3
4	50			1684			283							4
5	40			1685			285							5
6	30			1686			289							6
7	20			1687			283							7
8	10			1688			279							8
9	0			1689			283							9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1610	Foci Mooring and 70m Line		70

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	68	54.56.41	N	164	59.73	W	05	07	16	07	13	10.6	86	1013.1	175	20	92	UBE1

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 89 m

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		Comments	Nis No
1	Bot			1690										1
2	75			1691										2
3	50			1692			283							3
4	40			1693			285							4
5	30			1694			289							5
6	20			1695			283							6
7	10			1696			279							7
8	0			1697	371		283							8
9														9
10														10
11														11
12														12
I		Inline												I

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1610	Foci Mooring and 70m Line		71

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	69	49.69	N	164	53.04	W	05	07	16	08	25	11.0	78	1013	179	17	74	UBE2

SBE 9+	722	FLUOR S/N	FLNTUS-2057
PRESS SN	722	SBE43-Oxy (prime)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875
SEC TEMP SN	4379	Transmissometer	CST-1066PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	O2 Tmp Senson No.	

Instrument Notes:

WEATHER OBS: **SFC/Bottom Temp.** MAX. DEPTH = 69 m

REMARKS:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		Comment	Nis No
1	Bot			1698	372									1
2	50			1699		283								2
3	40			1700		285								3
4	30			1701		289								4
5	20			1702		283								5
6	10			1703		279								6
7	0			1704		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	DY1610	Foci Mooring and 70m Line		72

70 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	S 4	42.92	N	164	47.26	W	05	Oct	16	09	21	11.9	68	1013	169	19	47	UBE3

SBE 9+	722	FLUOR S/N	FLNTUS-2057	WEATHER OBS: SFC/Bottom Temp.	MAX. DEPTH = 40 m
PRESS SN	722	SBE43-Oxy (prime)	1961		
PRI TEMP SN	2376	SBE43-Oxy (sec)	1875		
SEC TEMP SN	4379	Transmissometer	CST-1066PR	REMARKS:	
PRI COND SN	2985	PAR S/N	70296		
SEC COND SN	3127	O2 Tmp Senson No.			

Instrument Notes:

Recorder Initials:

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC 500 ml		Comment	Nis No
1	Bot			1705			285							1
2	30			1706			289							2
3	20			1707			283							3
4	10			1708			279							4
5	0			1709	373		283							5
6														6
7														7
8														8
9														9
10														10
11														11
12														12
1		Inline												1