

VESSEL		CRUISE ID		PROJECT & LEG		FOCI Station Number and Haul Number		FOCI Grid number								
Oscar Dyson		DY1705		WGOA EMA-FOCI Larval Groundfish Assessment		93-1		FOX 56								
CONSC	CASIT #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID		
003	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	
5731.538N		154 46.895W		20 MAY 17		0335		6.0089		100841.522		188.62		93-1		
SSE 9+		0772		FLUOR		FLINTUS-2057		WEATHER OBS:		MAX. DEPTH =						
PRESS SN		0772		SBE43-Oxy (prime)		1961										
PRI TEMP SN		2376		SBE43-Oxy (sec)		0904										
SEC TEMP SN		2985		Turbidity		2057										
PRI COND SN		4379		PAR SN		70297										
SEC COND SN		3127														
Instrument Notes:																
Recorder Initials:																

VESSEL	PROJECT & LEG	FOCI Station Number and Haul Number	FOCI Grid number
Oscar Dyson	DY1705	WGOA EMA-FOCI Larval Groundfish Assessment	93-3 FOX56

CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID
004	57 MIN 31.25 N	DEG MIN DAY MO YR	HR MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	93-3
5731.26 N	154 46.73 W	20 MAY 17	0820	5.8	88	1009.59	25	217.9	93-3	

SSE 9+	FLUOR	FLUTUS-2057	WEATHER OBS:	MAX. DEPTH =
PRESS SN	0772	1961		208 m
PRI TEMP SN	0772	0904		
SEC TEMP SN	2376	2057		
PRI COND SN	2985	70297		
SEC COND SN	4379			
	3127			

REMARKS: Cast Re-done. Nutrients filtered.

Instrument Notes:

Recorder initials:

NIS	DEPTH	Rosette Notes	Hydro Team-PMEL	Chitro	A	Comments	NIS
No DESIRED		SALT	Nut.Bil	GFF Vol			No
1	150		559				1
2	100		560				2
3	75		561				3
4	50		562	283			4
5	40		563	285			5
6	30		564	289			6
7	20		565	283			7
8	10		566	279			8
9	0		567	283			9
10							10
11							11
12							12
1		Inline					1

VESSEL Oscar Dyson CRUISE ID DY1705 PROJECT & LEG WGOA EMA-FOCI Larval Groundfish Assessment FOCI Station Number and Haul Number 94-1 FOCI Grid number FOX57

CONSC CAST # 005 DEGR 005 LATITUDE 5733.16 N LONGITUDE 15452.94 W DAY 20 MO MAY YR 17 TIME (GMT) 0932 DRY BULB 205.8 RH 88 Pressure 1009 WIND DIRN 039 WIND SPD 23 BOTTOM DEPTH 230 STA. NAME/ID 94-1

SBE 9+ 0772 FLUOR FLUTUS-2057 WEATHER OBS: MAX DEPTH = 221 m
 PRESS SN 0772 SBE 43-Oxy (pH) 1961
 PRI TEMP SN 2376 SBE 43-Oxy (sec) 0904
 SEC TEMP SN 2985 Turbidity 2057
 PRI COND SN 4379 PAR SN 70297
 SEC COND SN 3127

Instrument Notes:

Recorder Initials:

NO	DEPTH	Rosette Notes	Hydro Team-PWEL	Chloro	A				Comments	NO
NO	DESIRED		SALT	MULTI						NO
1	200			577	—					1
2	150			576	—					2
3	100			575	—					3
4	75			574	—					4
5	50			573	283					5
6	40			572	285					6
7	30			571	289					7
8	20			570	283					8
9	10			569	279					9
10	0			568	283					10
11										11
12										12
1										1

inline

VESSEL		CRUISE ID		PROJECT & LEG		FOCI Station Number and Haul Number	
Oscar Dyson		DY1705		WGOA EMA-FOCI Larval Groundfish Assessment		95-1	
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)	
DEG		MIN		DEG		MIN	
DAY		MO		YR		HR	
MIN		SEC		MIN		SEC	
0065736.57N		15500.85W		20MAY17		120105.2100100905124	
SBE 9+		0772		FLUOR		FLINTUS-2057	
PRESS SN		0772		SBE43-Oxy (pHme)		1961	
PRI TEMP SN		2376		SBE43-Oxy (sec)		0904	
SEC TEMP SN		2985		Turbidity		2057	
PRI COND SN		4379		PAR SN		70297	
SEC COND SN		3127					
Instrument Notes:							
Recorder Initials:							
NIS		DEPTH		Rosette Notes		Hydro Team-PMEL	
No		DESIR		SALT		NUL.BIL	
1		200		587		586	
2		150		585		584	
3		100		583		582	
4		75		581		579	
5		50		578		576	
6		40		577		575	
7		30		576		574	
8		20		575		573	
9		10		574		572	
10		0		573		571	
11				572		570	
12				571		569	
1				570		568	
2				569		567	
3				568		566	
4				567		565	
5				566		564	
6				565		563	
7				564		562	
8				563		561	
9				562		560	
10				561		559	
11				560		558	
12				559		557	
1				558		556	
2				557		555	
3				556		554	
4				555		553	
5				554		552	
6				553		551	
7				552		550	
8				551		549	
9				550		548	
10				549		547	
11				548		546	
12				547		545	
1				546		544	
2				545		543	
3				544		542	
4				543		541	
5				542		540	
6				541		539	
7				540		538	
8				539		537	
9				538		536	
10				537		535	
11				536		534	
12				535		533	
1				534		532	
2				533		531	
3				532		530	
4				531		529	
5				530		528	
6				529		527	
7				528		526	
8				527		525	
9				526		524	
10				525		523	
11				524		522	
12				523		521	
1				522		520	
2				521		519	
3				520		518	
4				519		517	
5				518		516	
6				517		515	
7				516		514	
8				515		513	
9				514		512	
10				513		511	
11				512		510	
12				511		509	
1				510		508	
2				509		507	
3				508		506	
4				507		505	

VESSEL		CRUISE ID		PROJECT & LEG		FOCI Station Number and Haul Number																
Oscar Dyson		DY1705		WGOA EMA-FOCI Larval Groundfish Assessment		96-2 FOX59																
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID								
008		5738.34 N		15504.20 W		20 MAY 17		143105.80	93	1009	04819	254.9	96-2									
DEG		MIN		DEG		MIN		DAY		MO		YR		HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	
SSE 9+		0772		FLUOR		FLINTUS-2057		WEATHER OBS:		MAX. DEPTH = 246 m												
PRESS SN		0772		SBE43-Oxy (prime)		1961																
PRI TEMP SN		2376		SBE43-Oxy (sec)		0904																
SEC TEMP SN		2985		Turbidity		2057																
PRI COND SN		4379		PAR SN		70297																
SEC COND SN		3127																				
Instrument Notes:																						
Recorder Initials:																						

[illegible]

VESSEL	CRUISE ID	PROJECT & LEG	FOCI Station Number and Haul Number
Oscar Dyson	DY1705	WGOA EMA-FOCI Larval Groundfish Assessment	98-1 FOX61

CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN	DAY	MO	YR	TIME (GMT) HR MIN	DRY BULB (°C)	RH (%)	PRESSURE (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
0105743.10 N	15515.84 W	20 M A Y 17	1915	506.5	0861009	06815	162.4	98-1					

SBE 9+ PRESS SN	0772	FLUOR SBE43-Oxy (prme)	1961
PRI TEMP SN	2376	SBE43-Oxy (sec)	0904
SEC TEMP SN	2985	Turbidity	2057
PRI COND SN	4379	PAR S/N	70297
SEC COND SN	3127		

WEATHER OBS:	REMARKS:

NIS No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL	Chloro GFF Vol	A	Comments
1	150		617	—		
2	100		616	—		
3	75		615	—		
4	50		614	283		
5	40		613	285		
6	30		612	289		
7	20		611	283		
8	10		610	279		
9	0		609	283		
10						
11						
12						
1		Inline				

Instrument Notes:

Recorder Initials:

VESSEL Oscar Dyson CRUISE ID DY1705 PROJECT & LEG WGOA EMA-FOCI Larval Groundfish Assessment FOCI Station Number and Haul Number 132-1 FOCI Grid number EV161

CONSC CAST #	611	DEG	MIN	LONGITUDE	DEG	MIN	DAY	MO	YR	HR	MIN	TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID

56 45.36 N 156 43.42 W 22 MAY 17 1741 5.4 92.0 1009.1 286.55 5.77 149 132-1

SE 9+ 0772 FLUOR FLINTUS-2057 WEATHER OBS: MAX DEPTH = m.

PRESS SN 0772 SBE43-Oxy (prime) 1961
PRI TEMP SN 2376 SBE43-Oxy (sec) 0904
SEC TEMP SN 2985 Turbidity 2057
PRI COND SN 4379 PAR SN 70297
SEC COND SN 3127

Instrument Notes:

REMARKS: "CTD IN" was not clicked until at depth.

Recorder Initials:

NIS	DEPTH	Rosette Notes	Hydro Team-PMEL			Chiro		Comments		NIS
			NO DESIRED	SALT	Nul Bil	GFF Vol	A			
1	139				619					1
2	160				620					2
3	75				621					3
4	50				622					4
5	40				623					5
6	30				624					6
7	20				625					7
8	10				626					8
9	0				627					9
10										10
11										11
12										12
1		Inline								1

VESSEL	CRUISE ID	PROJECT & LEG	FOCI Station Number and Haul Number	FOCI Grid number
Oscar Dyson	DY1705	WGOA EMA-FOCI Larval Groundfish Assessment	134.1	62161

CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN	DAY MO YR	TIME (GMT) HR MIN	DRY BULB (°C)	RH (%)	PRESSURE (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
012	56 31.43 N	156 16.55 W	22 MAY 17	2101	4.1082	10122.288	130	21.77	2.38		

SBE 9+ PRESS SN	0772	FLUOR SBE43-Oxy (prme)	1961	WEATHER OBS:
PRI TEMP SN	2376	SBE43-Oxy (sec)	0904	
SEC TEMP SN	2985	Turbidity	2057	
PRI COND SN	4379	PAR SN	70297	
SEC COND SN	3127			

REMARKS:

Instrument Notes:

Recorder Initials:

NIS No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	MULBI	Chloro GFF Vol	A	Comments
1	0		676	628			
2	10			629			
3	20			630			
4	30			631			
5	40			632			
6	50			633			
7	75			634			
8	100			635			
9	228		677	636			
10							
11							
12							
1		hinge					

VESSEL	CRUISE ID	PROJECT & LEG	FOCI Station Number and Haul Number		FOCI Grid Number
Oscar Dyson	DY1705	WGOA EMA-FOCI Larval Groundfish Assessment			HH143
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB ('C)	RH (%)
014	DEG MIN	DEG MIN	DAY MO YR	HR MIN	Pressure (mb)
549858 N	157 13.58 W	27 MAY 17	2112	6.1	86
SBE 9+	FLUOR	FLUTUS-2057	WEATHER OBS:		
PRESS SN	0772	SBE-43-Oxy (prime)	1961		
PRI TEMP SN	2376	SBE-43-Oxy (sec)	0904		
SEC TEMP SN	2985	Turbidity	2057		
PRI COND SN	4379	PAR SN	70297		
SEC COND SN	3127				
Instrument Notes:					
Recorder Initials:					
NIS DEPTH	Rosette Notes	Hydro Team-FMEL	Chloro	A	Comments
No DESIRED	SALT	Nut.Bil	GFF Vol		
1 0		646			
2 10		647			
3 20		648			
4 30		649			
5 40		650			
6 50		651			
7 75		652			
8 100		653			
9 290		654			
10					
11					
12					
1	Initials				

VESSEL	CRUISE ID	PROJECT & LEG	FOCI Station Number and Haul Number
Oscar Dyson	DY1705	WGOA EMA-FOCI Larval Groundfish Assessment	198-1 HD143

CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA NAME/D
015	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)
	55 12.7835N	157 40.3156 W	28 M A Y 17	0008	5.7	091	1008.694	38.15	88.19	198-1

SBE 9+	0772	FLUOR	FLINTUS-2057	WEATHER OBS:	MAX. DEPTH =
PRESS SN	0772	SBE43-Oxy (prime)	1961		m
PRI TEMP SN	2376	SBE43-Oxy (sec)	0904		
SEC TEMP SN	2985	Turbidity	2057		
PRI COND SN	4379	PAR SN	70297		
SEC COND SN	3127				

Instrument Notes:

Recorder Initials:

NIS	DEPTH	Rosette Notes	Hydro Team-PMEL		Chloro		Comments		NIS
			SALT	Nut.Bil	GFF Vol	A			
	0			655					1
	10			656					2
	20			657					3
	30			658					4
	40			659					5
	50			660					6
	75			661					7
									8
									9
									10
									11
									12
1		Inline							1

VESSEL	CRUISE ID	PROJECT & LEG	FOCI Station Number and Haul Number
Oscar Dyson	DY1705	WGOA EMA-FOCI Larval Groundfish Assessment	200-1 62143

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)			
016	55	26.29	N	158	7.57	W	28	M	A	Y	1	7	6.5	082	1008.6	491514.3	129	200-1

SSE 9+	0772	FLUOR	FLINTUS-2057	WEATHER OBS:	MAX. DEPTH =
PRESS SN	0772	SSE43-Oxy (prime)	1961		m
PRI TEMP SN	2376	SSE43-Oxy (sec)	0904		
SEC TEMP SN	2985	Turbidity	2057		
PRI COND SN	4379	PAR SN	70297		
SEC COND SN	3127				

Instrument Notes:

Recorder initials:

NIS No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL			Chloro		Comments		NIS No
			SALT	Nut.Bil		GFF Vol	A			
1	0		192	662						1
2	10			663						2
3	20			664						3
4	30			665						4
5	40			666						5
6	50			667						6
7	75			668						7
8	100			669						8
9	119			196	670					9
10										10
11										11
12										12
1		Inline								1

VESSEL	CRUISE ID	PROJECT & LEG	FOCI Station Number and Haul Number	FOCI Grid number
Oscar Dyson	DY1705	WGOA EMA-FOCI Larval Groundfish Assessment	202-1	EY143

CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
017	55 40.08 N	158 34.84 W	28 MAY 17 0550	5.8	081	1008	29.1	12	113.6	202-1

SBE 9+	FLUOR	FLUTUS-2057	WEATHER OBS:	MAX DEPTH =
PRESS SN 0772	SBE-43-Oxy (pme) 1961			m
PR1 TEMP SN 2376	SBE-43-Oxy (sec) 0904			
SEC TEMP SN 2985	Turbidity 2057			
PR1 COND SN 4379	PAR SN 70297			
SEC COND SN 3127				

Instrument Notes:

Recorder Initials:

NIS	DEPTH	Rosette Notes	Hydro Team-PMEL	Chloro	GFF Vol	A	Comments
No DESIRED							
1	0		671				
2	10		672				
3	20		673				
4	30		674				
5	40		675				
6	50		676				
7	75		677				
8	100		678				
9							
10							
11							
12							
1		Inline					