VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
001	57	43.30 N	152	17.58 W	15	MC A Y	11	22	50	5.3	.	02			146	12				191	10CB1

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	PRIOR TO RECOV 10CB1
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD001	PRI C/T HAS WETS and O_2 S/N 904
PRI COND SN	4C S/N 2985	AT DEPTH				SEC CT HAS JUST O_2 S/N 910
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 188 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748 (PRI)
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904 (PRI)
- [X] O2 S/N 0910 (SEC)
- [ ] C-Star S/N
- [ ] **Cleaned air bleed valve**

(IF NO O2 MUST GO FIRST!! MUST GO SECOND)

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO. (MUST GO FIRST)	CHL (ml) (QFT)	APPROX. FLUORO LEVEL
							WAF			
1	183						.325	.1	.1-BOTS	
2	150									
3	100									
4	50	POSSIBLE LEAKER								
5	40									
6	30									
7	20									
8	14								.1-CHL	
9	0							.2	.1-SURF	
10										
11										
12										

1C

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		Pavlof Bay mooring

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE JD= MO	DATE JD= YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
002	55	10.88	N	161	41.29	W	17	MAY	11	1638		4.2	.	96			240	05				98	10PA1

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD 002

REMARKS

PRIOR TO RECOV OF 10PA-1A

MAX. DEPTH = m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO. (FIRST)	CHL (ml) (QFT)	APPROX. FLUORO LEVEL (SECOND)
							UAF			DIC
1	~~100~~ 125							3		
2	75									
3	50									
4	40									
5	30									
6	CHL MAX 19									
7	" 19									
8	10									
9	0							4		
10										
11										
12										

BTWN ~16-31.3 PSU AFTER BRINGING THE CTD BACK ON BOARD WE DECIDED TO GO AHEAD WITH THE CAST WITH THE PROBLEM WITH SEC COND SO THAT WE COULD GET ON W/ MOORING OPS- DURING THE SECOND CAST THE SEC CONDS WORKED FINE PROBABLY JELLYFISH PROBLEM.

VESSEL	PROJECT & LEG	STATION DESIGNATION
NOAA R/V *Oscar Dyson*	DY1101	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
003	56	51.76 N	164	04.00 W	18	MC A	Y 11	23	49	3.3	.	02			177	08					

CTD	TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN	DATA ON		Tape/Diskette/DVD ID	File Name/Header	PRIOR TO RECOV OF SITE 2 MOORINGS CTD 1 OF 2
PRESS SN 9+ S/N 0772	START DOWN		DY1101	CTD003	
PRI COND SN 4C S/N 2985	AT DEPTH				MAX. DEPTH = 67 m
PRI TEMP SN 3+ S/N 2376	AT SURFACE				
SEC COND SN 4C S/N 3127					
SEC TEMP SN 3+ S/N 4379					

** Flourometer on Primary**

[X] PAR S/N 4603 [ ] pH S/N 180606 [X] O2 S/N 0904 [ ] C-Star S/N [ ] Cleaned air bleed valve

[X] FLOURO S/N 748 [ ] Isus S/N 141 [X] O2 S/N 0910

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY (PMEL NUTS)	SEC. SALINITY (UAF NI)	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO. (UAF)	CHL (ml)	APPROX. FLUORO LEVEL
1	67 ~65				. 1			. 11		
2	59				. 2	: 1, 2, 3				
3	50				. 3				. 284	
4	40				. 4				. 285	
5	31				. 5				. 283	
6	31								. 283	
7	31						.326		. 283	
8										
9										
10										
11										
12										

DIC

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
004	56	51.70 N	164	03.90 W	18	MC A Y	11	00	26	5.0	84.	03			177	08				72	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD 004

REMARKS

CTD 2 OF 2

MAX. DEPTH = 20 m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] **Cleaned air bleed valve**

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	~~PRI. SALINITY~~ (PMEL NUTS)	~~SEC. SALINITY~~ (WHP N1)	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	20	CHLOR MAX			6				.288	
2	20									
3	13				7			12		
4	11.5				8	4,5,6				
5	9				9				.283	
6	9								.283	
7	9								.283	
8	0				10				.282	
9	0									
10										
11										
12										

DIC

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
005	56	51.92	N	164	03.91	W	19	MC A	Y 11	08	48	2.9	89.	04			147	06				74	

CTD		TIMES	JD/TIME	DATA LOCATION	
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD 005
PRI COND SN	4C S/N 2985	AT DEPTH			
PRI TEMP SN	3+ S/N 2376	AT SURFACE			
SEC COND SN	4C S/N 3127				
SEC TEMP SN	3+ S/N 4379				

REMARKS

CTD AFTER DEPLOYMENT OF MOORINGS @ SITE 2

1/2

MAX. DEPTH = 68 m

JASA DID NOT SAMPLE THIS CAST

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] **Cleaned air bleed valve**

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PMEL NUTS ~~PRI. SALINITY~~	UAF NI ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	UAF OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	66						327	1-4		
2	61/61/61				11	7, 8, 9				
3	50								288	
4	40								285	
5	30								287	
6	26									
7	24								283	
8	24								283	
9	24								283	
10										
11										
12										

DIC

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
006	56	51.86	N	164	03.45	W	19	MCAY	11	09	25	2.7	91.	04			140	06				73	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD006	
PRI COND SN	4C S/N 2985	AT DEPTH				2|2
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	~~PRI. SALINITY~~ PMEL NUTS	~~SEC. SALINITY~~ UAF N1	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO. UAF	CHL (ml)	APPROX. FLUORO LEVEL
1	20								.288	
2	12								.283	
3	12								.283	
4	12/12/12				.12	10, 11, 12			.283	
5	10								.287	
6	0							5-8	.285	
7										
8										
9										
10										
11										
12										

DIC

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD=140 DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
007	57	51.31	N	168	52.54	W	20	MC A	Y 11	00	44	2.289.	00			311	15				72	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD007

REMARKS 1/2

CTD PRIOR TO RECOVERY OF MOORINGS @ SITE 4

★ NO DIC SAMPLING ON THIS CAST

MAX. DEPTH = 68 m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	~~PRIM~~ NUTS ~~PRI SALINITY~~	UAF NI ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	UAF OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	67 (deepest)				13			.9		
2	63									
3	50				14				.288	
4	40				15	NOISE			.285	
5	31				16				.283	
6	31								.283	
7	31								.283	
8	20				17			.328	.281	
9	0				18			.10	.281	
10										
11										
12										

NO DIC

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
008	57	50.92 N	168	52.33 W	20	MC A	Y 11	01	27	1.9	92.	00			093	15				72	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD008	
PRI COND SN	4C S/N 2985	AT DEPTH				2|2
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 27 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	~~PRI. SALINITY~~ (RMEL NUTS)	~~SEC. SALINITY~~ (NO UAF NI)	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	27									
2	13					N			.283	
3	13					O			.283	
4	13					N			.283	
5	10				19	E			.281	
6	0	(to Charlie)								
7										
8										
9										
10										
11										
12										

NO DIC NONE

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
009	59	54.88	N	171	41.94	W	20	MC A Y	11	19	17	01.1	98.	04			034	18				71	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	Pre Recovery of BS-5
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD 009	First of 2 CTDs
PRI COND SN	4C S/N 2985	AT DEPTH				1/2
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 65 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] **Cleaned air bleed valve**

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY (THEN NUTS)	SEC. SALINITY (LAT NUTS)	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	BOT 65				20		x 329			
2	50				21				288	
3	40				22				287	
4	30				23				285	
5	20				24				281	
6	18.5				25	: 13, 14, 15			283	
7	18.5								283	
8	18.5								283	
9	10				26				281	
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		BS-5 Pre recover

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	97% RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
010	59	54.91	N	171	42.11	W	20	MC A	Y 11	19	57	1.0	.	64	3	6	027	20	8			71	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD010

REMARKS

Pre recovery at BS-5

2/2

MAX. DEPTH = m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	~~PRI. SALINITY~~ PIPEL NUTS	SEC. SALINITY	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	15									
2	15									
3	0									
4	0				27				282	
5										
6										
7										
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
011	59	54.51	N	171	42.07	W	21	MC A	Y 11	01	51	0.3	95.	06			354	12				71	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	CTD after dept of moorings @ site 5
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD 011	1/2
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 66 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] **Cleaned air bleed valve**

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	66 @ depth									
2	50								.138	
3	40								.139	
4	30								.138	
5	24								.138	
6	24								.138	
7	24								.138	
8	20								.139	
9	10						330		.137	
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		

CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=			TIME (GMT)		DRY BULB (AIR TEMP)	RELATIVE HUMIDITY	PRESSURE	SEA STATE	VISIBILITY	TRUE WIND DIR.	TRUE WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)	
012	59	54.62 N	171	42.59 W	21	MCAY	11	02	13	0.6	95.	06			014	15				71	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD 012	
PRI COND SN	4C S/N 2985	AT DEPTH				212
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 12 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES					SAMPLE BOTTLE NUMBER			
		PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	11.5								.	
2	11.5								.	
3	11.5								.	
4	0								.	
5										
6										
7										
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		70 m 44

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
013	60	15.10	N	173	30.89	W	21	MC A	Y 11	08	59	-0.1	97.	09			001	09				72	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	1st stn on line
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD 013	70-44
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 65 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL nuts SEC. ~~SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	65	bottle leaked				28	331	.1		
2	50					29			139	
3	40					30			138	
4	30					31			139	
5	20					32			138	
6	10					33			138	
7	0					34		.2	136	
8										
9										
10										
11										
12										

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VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		70 m 43

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
014	60	05.81	N	173	19.03	W	21	MAY	11	11	11	-0.39	95.	09			007	09				73	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD 014

REMARKS

MAX. DEPTH = m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL nuts ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	68	Bottle did not close				35				
2	50					36			139	
3	40					37			138	
4	30					38			139	
5	20					39			138	
6	10					40			138	
7	0					41			138	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		70m 42

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
015	60	02.11	N	173	00.50	W	21	MC A	Y 11	13	10	-0.4	92.	09			009	07				69	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD 015	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 63 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL Nuts. ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	63					42				
2	50					43			139	
3	40					44			138	
4	30					45			139	
5	20					46			138	
6	10					47			138	
7	0					48	332		138	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		70 m 41

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
016	59	58.82 N	172	45.07 W	21	MC A	Y 11	14	22	-0.4	98.0	10			002	2				70	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD 016	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL Nuts ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL	UAF DIC
1						49					
2	50					50			139		
3	40					51			138		
4	30					52			139		
5	20					53			138		
6	10					54			138		
7	0					55			138		
8											
9											
10											
11											
12											

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		70 m 40

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
017	59	54.82	N	172	26.78	W	21	MCA	Y 11	16	05	-0.2	99.0	09			055	07				75	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD 017	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 69 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL Nuts ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	69					56	333			
2	50					57			139	
3	40					58			138	
4	40									
5	30					59			139	
6	20					60			138	
7	15									
8	10					61			138	
9	0					62			138	
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		70 M 39 M 5 W

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
018	59	54.01	N	172	10.05	W	21	MC A	Y 11	17	26	-0.2	99.0	10			019	07				75	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD

REMARKS

MAX. DEPTH = m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL Nuts ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	70					63				
2	60					64			139	
3	40					65			138	
4	30					66			139	
5	20					67			138	
6	10					68			138	
7	0					69			138	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
019	60	04.62 N	172	00.26 W	21	MAY	11	19	15	0.2	00.	10			026	10				65	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD019

REMARKS

N corner of 5 stns
box.

MAX. DEPTH = 61 m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL NUTS ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	@ depth					70				
2	50					71				
3	40					72				
4	30					73				
5	20					74				
6	10					75	334			
7	0					76				
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
020	59	54.82	N	171	42.08	W	21	MAY	11	21	23	1.2	99.	10			017	11				71	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION		REMARKS
Tape/Diskette/DVD ID	File Name/Header	SITE 5 - MIDDLE
DY1101	CTD020	
		MAX. DEPTH = 66 m

[X] PAR S/N 4603 [X] FLOURO S/N 748 [ ] pH S/N 180606 [ ] Isus S/N 141

** Flourometer on Primary**

[X] O2 S/N 0904 [X] O2 S/N 0910 [ ] C-Star S/N [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY (PMEL not)	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	66	LEAKING				77		3		
2	50					78				
3	40					79				
4	40	LEAKING								
5	30					80				
6	20					81				
7	10					82				
8	5									
9	0	LEAKING				83				
10										
11										
12										

DIC

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
021	59	53.87	N	171	15.71	W	22	MC A	Y 11	00	26	11.6	97.	10			025	11				73	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD021

REMARKS

EAST SIDE OF BOX @ SITE 5

MAX. DEPTH = 67 m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL nuts SEC. SALINITY	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	BOT					84	335			
2	50					85			139	
3	40					86			138	
4	30					87			139	
5	20					88			138	
6	10					89			138	
7	0					90			138	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
022	59	41.91	N	171	30.30	W	22	MC A Y	11	02	14	1.7	95.	10			017	10				75	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD 022

REMARKS

South side of Box @ site 5

MAX. DEPTH = 70 m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY (FUEL NUTS)	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	@depth					91				
2	50					92			139	
3	40					93			138	
4	30					94			139	
5	20					95			138	
6	10					96			138	
7	0					97			138	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		70m36

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
023	59	42.92	N	171	08.68	W	22	MC A	Y 11	04	07	1.0	94.	09			023	14				73	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD023

REMARKS

MAX. DEPTH = 68 m

[X] PAR S/N 4603
[X] FLOURO S/N 748
[ ] pH S/N 180606
[ ] Isus S/N 141

** Flourometer on Primary**

[X] O2 S/N 0904
[X] O2 S/N 0910
[ ] C-Star S/N
[ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL NUTS SEC. SALINITY	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	68 bottom					98				
2	50					99			139	
3	40					100			139	
4	40									
5	30					101			138	
6	20					102	.336	4	138	
7	10					103			138	
8	5									
9	0					104			138	
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		Tom35

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD=142 DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
024	59	35.82	N	170	55.55	W	22	MC A Y	11	0536		0.6	96.1	09			036	10				73	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD024

REMARKS

MAX. DEPTH = 68 m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL NUTS ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	68					105				
2	50					106			.139	
3	40					107			.139	
4	30					108			.138	
5	20					109			.138	
6	10					110			.138	
7	0					111			.138	
8										
9										
10										
11										
12										

DIC

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		70 m34

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
025	59	26.12	N	147	54.49	W	22	MC A Y	11	07	30	0.6	98.	09			076	08				74	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD025	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 70 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	RMEL NUTS ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	@depth					112	337			
2	50					113			139	
3	40					114			139	
4	30					115			138	
5	20					116			138	
6	10					117			138	
7	0					118			138	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		70M33

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
026	57	20.08	N	170	39.31	W	22	MAY	11	08	58	0.9	99.0	09			037	09				72	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD 026

REMARKS

MAX. DEPTH = 66 m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL Nuts ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	66					119				
2	50					120			139	
3	40					121			139	
4	30					122			138	
5	20					123			138	
6	10					124			138	
7	0	Bottle didn't fire - bucket sample taken				125			138	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		70M32

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
027	59	14.85	N	170	24.97	W	22	MCA	Y11	1037		0.9	99.0	09			086	16				70	70M32

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD

REMARKS

MAX. DEPTH = m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL Nuts. ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	65					126				
2	50					127			139	
3	40					128			139	
4	30					129			134	
5	20					130			134	
6	10					131			138	
7	0					132	338		138	
8										
9										
10										
11										
12										

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VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		70M31

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
028	59	06.38	N	170	14.90	W	22	MCA	Y11	12	01	0.9	100.	08			074	11				69	70M31

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD 028	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL Nuts ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	66					133				
2	50					134			139	
3	40					135			139	
4	30					136			138	
5	20					137			138	
6	10					138			138	
7	0					139			138	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		70M30

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
029	58	56.63	N	170	19.59	W	22	MCA	Y11	14	04	1.4	100.0	08			070	11				72	70M30

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD029	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] **Cleaned air bleed valve**

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL Nuts ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	66					140	339			
2	50					141			139	
3	40					142			139	
4	30					143			138	
5	20					144			138	
6	10					145			138	
7	0					146			138	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		70M29

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
030	58	46.63	N	170	12.50	W	22	MC A	Y 11	15	33	11.3	99.0	08			084	11				73	70M29

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD029	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL Nuts ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	68					147				
2	60									
3	50					148			139	
4	40					149			139	
5	30					150			138	
6	30									
7	20					151			138	
8	10					152			138	
9	0					153			134	
10										
11										
12										

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VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		70M28

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
031	58	36.98	N	170	16.87	W	22	MCA	Y11	17	11	1.6	99.0	1008			060	13				74	70M28

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD028	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL Nuts ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	70					154				
2	50					155			139	
3	40					156			139	
4	30					157			138	
5	20					158			138	
6	10					159			138	
7	D					160	340		138	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		70M27

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
032	58	26.88	N	170	11.15	W	22	MCA	Y11	18	32	1.8	99.0	08			068	12				75	70M27

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD 032	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL Nuts. ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	71					161				
2	50					169			139	
3	40					163			139	
4	30					164			138	
5	20					165			138	
6	10					166			138	
7	0					167			138	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		70m24

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
033	58	.	N	170	.	W	22	MC A	Y 11	20	23	1.7	98.	08			57	12				74	

CTD	.28395	TIMES .09299 JD/TIME		DATA LOCATION		REMARKS			
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	FERF was re-attached			
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD033	to CTD frame			
PRI COND SN	4C S/N 2985	AT DEPTH				15 m/min			
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH =	m		
SEC COND SN	4C S/N 3127								
SEC TEMP SN	3+ S/N 4379								

** Flourometer on Primary**

X	PAR S/N 4603		pH S/N 180606	X	O2 S/N 0904		C-Star S/N		Cleaned air bleed valve
X	FLOURO S/N 748		Isus S/N 141	X	O2 S/N 0910				

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES					SAMPLE BOTTLE NUMBER			
		PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL NUTS ~~SEC. SALINITY~~	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	@ depth	may be leaking				168	341	5		
2	50					169			138	
3	40					170			138	
4	30					171			138	
5	20					172			138	
6	10					173			139	
7	0					174			139	
8										
9										
10										
11										
12										

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VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		3025

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
034	58	08.85 N	169	54.93 W	22	MAY	11	21	50	1.6	98.	07			064	12				72	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD034

REMARKS

MAX. DEPTH = 68 m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] **Cleaned air bleed valve**

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PIMEL NUTS ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	68 @ depth					175				
2	60							6		
3	50					176			139	
4	40					177			139	
5	30					178			138	
6	30									
7	20					179			138	
8	10					180			138	
9	0					181			138	
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
035	58	02.64	N	169	40.51	W	23	MC A	Y 11	00	11	2.1	96.	07			065	13				72	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD 035

REMARKS

MAX. DEPTH = 66 m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY (PMEL NUTS)	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	@depth					182				
2	50					183			139	
3	40					184			139	
4	30					185			138	
5	20					186			138	
6	10					187			138	
7	0					188	342		138	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		70m23

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
036	57	54.39 N	169	30.18 W	23	MC A	Y 11	01	42	2.4	95.	07			062	14				70	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD 036	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 66 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] **Cleaned air bleed valve**

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	@bottle 66					189				
2	50					190			139	
3	40					191			139	
4	30					192			138	
5	20					193			138	
6	10					194			138	
7	0					195			138	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE JD= MO	DATE JD= YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
037	57	55.17	N	169	00.51	W	23	MAY	11	04	13	2.1	98.	08			063	12				71	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD037

REMARKS

NORTH CORNER
SITE H 30X

MAX. DEPTH = 66 m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] **Cleaned air bleed valve**

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	@bottom					196	343			
2	50					197			139	
3	40					198			139	
4	30					199			138	
5	30									
6	20					200		1	138	
7	10					201			138	
8	0					202			138	
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
038	57	43.97	N	169	07.64	W	23	MC A	Y 11	06	17	1.7	96.	08			028	10				167	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD 038

REMARKS

WEST CORNER OF SITE 4 BOX

MAX. DEPTH = 62 m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL NUTS ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	~~Bdepth~~					203				
2	50					204			139	
3	40					205			139	
4	30					206			138	
5	20					207			138	
6	10					208			138	
7	0					209			138	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		70M4S / 70m19-M4S

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
039	57	35.88 N	168	41.90 W	23	MAY	11	08	31	1.3	98.0	08			020	07				73	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	South corner of M4
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD 039	box.
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 69.5 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] **Cleaned air bleed valve**

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL Nuts ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	@depth					210				
2	50					211			139	
3	40					212			139	
4	30					213			138	
5	20					214			138	
6	10					215			138	
7	0					216	344		138	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		70M4E

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
040	57	46.00	N	168	39.93	W	23	MC A	Y 11	1005		11.8	99.0	09			353	06				173	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD040

REMARKS

East corner of M4 box.
50m bottle didn't fire. Did 2nd haul to 50m.

MAX. DEPTH = m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] **Cleaned air bleed valve**

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES					SAMPLE BOTTLE NUMBER			
		PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL Nuts ~~SEC. SALINITY~~	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	68					217				
2	40					218			139	
3	30					219			138	
4	20					220			138	
5	10					221			138	
6	0					222			138	
7										
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		70M 4E

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
041	57	.	N	168	.	W		MC A	Y 11			.	.										

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	2nd haul on East corner
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD D41	of M4 box.
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] **Cleaned air bleed valve**

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES					SAMPLE BOTTLE NUMBER			
		PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	~~SEC. SALINITY~~ PMEL Nuts	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	50					223	345		139	
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		70M2 / M4

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
042	57	49.96 N	168	53.03 W	23	MC A Y	11	1205		+1.3	100.0	09			341	07				73	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD042

REMARKS

M4 Center

MAX. DEPTH = m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] **Cleaned air bleed valve**

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL Nuts ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	69					224				
2	50					225			139	
3	40					226			139	
4	30					227			138	
5	20					228			138	
6	10					229			138	
7	0					230			138	
8										
9										
10										
11										
12										

UAF OIC

optics cast

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
043	57	52.41	N	168	53.87	W	24	MC A	Y 11	04	49	2.9	94.	06			104	06				72	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	repeat at 854 as
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD 043	we search for
PRI COND SN	4C S/N 2985	AT DEPTH		compare to		Last morning
PRI TEMP SN	3+ S/N 2376	AT SURFACE		70m 21 cast 42		MAX. DEPTH = 67 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	60									
2	50									
3	45									
4	40									
5	35									
6	30									
7	20							1,2,3		
8	10						346			
9	0									
10										
11										
12										

SAL 346

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		70 m 21 nm 4

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
044	57	49.93	N	168	52.76	W	24	MC A	Y 11	15	40	1.7	100.	99			106	15				72	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD 044

REMARKS

compare to cast 42+43
restart 70 line

MAX. DEPTH = m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL Nuts ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	68					231				
2	60									
3	50					232				
4	40					233				
5	30					234				
6	20					235				
7	10					236				
8	0					237				
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		70 M 18

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
D045	57	31.50 N	168	37.04 W	24	MC A	Y 11	18	17	2.1	100.	96			092	17				73	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD D045	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL Nuts ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	68					238	347			
2	60								139	
3	50					239				
4	40					240			139	
5	30					241			138	
6	20					242			138	
7	10					243			138	
8	D					244			138	
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		70M17

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
046	57	31.48	N	168	18.32	W	24	MC A	Y 11	1952		2.4	101.	96			066	15				73	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	FERF not attached
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD046	15 m/min
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 68 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	68 (bottom)					245				
2	50					246			139	
3	40					247			139	
4	30					248			138	
5	20					249			138	
6	10					250		4,5,6	138	
7	0					251			138	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		70m16

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
047	57	30.31	N	167	59.27	W	24	MC A	Y 11	21	42	2.5	101.	9I			078	18				73	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD047	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 67 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL NUTS ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	67 @depth					252			139	
2	50					253			139	
3	40					254			139	
4	30					255			138	
5	20					256			138	
6	17									
7	10					257	348		138	
8	0					259			138	
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		70115

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
048	57	30.21 N	167	39.91 W	24	MC A	Y 11	23	13	2.5	101.	994			076	11				73	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD048	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 68 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] **Cleaned air bleed valve**

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	@depth					260				
2	50					261			139	
3	40					262			139	
4	30					263			138	
5	20					264			138	
6	10					265			138	
7	0					266			138	
8										
9										
10										
11										
12										

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VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		70 MI 4

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
049	57	29.95	N	167	20.64	W	25	MC A	Y 11	00	52	2.7	61.	93			083	14				73	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD 049

REMARKS

MAX. DEPTH = 67 m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	@depth 67					267	349			
2	50					268			139	
3	40					269			139	
4	30					270			138	
5	20					271			138	
6	10					272			138	
7	0	bucket sample (must have rosette 'fire bottle' button)				273			138	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		70113

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
050	57	31.29 N	167	02.37 W	25	MC A Y	11	02	20	2.6	101.	93			060	11				72	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD 050

REMARKS

MAX. DEPTH = 66 m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL NUTS ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	@depth					274				
2	50					275			139	
3	40					276			139	
4	30					277			138	
5	20					278			138	
6	10					279			138	
7	0					280			138	
8	0									
9										
10										
11										
12										

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VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		0512

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
051	57	25.32	N	166	49.07	W	25	MAY	11	0351		2.5	101.	92			075	17				71	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD051

REMARKS

MAX. DEPTH = 66 m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	RMEL NUTS ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	@depth 66					281				
2	50					282			139	
3	40					283			139	
4	30					284			138	
5	20					285			138	
6	10					286			138	
7	0					287	350		138	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		70m

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
052	57	26.21	N	166	30.98	W	25	MCA	Y11	05	42	2.7	101.	92			088	20				70	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD 052	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 65 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] **Cleaned air bleed valve**

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	~~SEC. SALINITY~~ PMEL NUTS	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	@65m					288				
2	50					289			139	
3	40					290			139	
4	30					291			138	
5	20					292			138	
6	10					293			138	
7	0					294			138	
8										
9										
10										
11										
12										

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VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		70M10

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	53	57.45	N	166	20.09	W	25	MCA	Y11	08	25	3.1	100.0	911			52	18				72	70M10

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD053	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] **Cleaned air bleed valve**

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL Nuts ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	65					295	351			
2	50					296			139	
3	40					297			139	
4	30					298			138	
5	20					299			138	
6	10					300			138	
7	0					301			138	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		70M9

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
054	57	19.22 N	166	00.45 W	25	MC A	Y 11	10	40	3.0	97.0	991			991	98				69	70M9

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD 054	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL Nuts. ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL	WAF DIC
1	65					302					-
2	50					303			139		-
3	40					304			139		-
4	30					305			138		-
5	20					306			138		-
6	10					307			138		-
7	0					308			138		-
8											
9											
10											
11											
12											

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		70M8

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
055	57	15.55	N	165	44.43	W	25	MCA	Y11	1407		3.2	95.0	911			029	1.9				72	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD 055	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES					SAMPLE BOTTLE NUMBER			
		PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL Nuts. ~~SEC. SALINITY~~	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	66					309				
2	50					310			139	
3	40					311			139	
4	30					312			138	
5	20					313			138	
6	10					316			138	
7	0					315	352		138	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		70M2

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
056	57	06.21 N	165	37.11 W	25	MC A	Y 11	16	52	3.3	95.0				094	23				73	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD 056

REMARKS

MAX. DEPTH = m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL Nuts ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL	UAF DIC
1	67					317					•
2	50					318			139		•
3	40					319			139		•
4	30					320			138		•
5	20					321			138		•
6	10					322			138		•
7	0					323			138		•
8	0										
9											
10											
11											
12											

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		70M6

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
057	56	59.59 N	165	22.92 W	25	MC A	Y 11	19	04	3.2	95.0	94			075	20				72	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION		REMARKS
Tape/Diskette/DVD ID	File Name/Header	
DY1101	CTD057	
		MAX. DEPTH = m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL Nuts ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	67					324	353			
2	50					325			139	
3	40					326			139	
4	30					327			138	
5	20					328			138	
6	10					329			138	
7	0					330			138	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		T035

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
058	56	51.65	N	165	07.50	W	25	MAY	11	21	03	3.6	94.	94			086	20				75	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD 058

REMARKS

30 m/min

MAX. DEPTH = 70 m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY (PMEL NUTS)	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	70 @ depth					331				
2	50					332			139	
3	40					333			139	
4	30					334			138	
5	20					335			138	
6	10					336			138	
7	0					337			138	
8										
9										
10										
11										
12										

UAF DIC

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		7004

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
059	56	55.01	N	164	49.54	W	25	MAY	11	23	09	4.6	92.	96			082	13				74	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD059	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] **Cleaned air bleed valve**

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL NUTS ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	66 @deepth					345				
2	50					346			139	
3	40					347			139	
4	30	MIGHT	HAVE BEEN	LEAKING		348			138	
5	~~20~~					349			138	
6	10					350	354		138	
7	0					351			138	
8	0									
9										
10										
11										
12										

UAF DIC

SAL 351

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		70m3

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
060	56	48.53	N	164	34.88	W	26	MAY	11	02	01	3.9	92.	96			060	11				75	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD060

REMARKS

SEC COND FOULED FOR WHOLE CAST - BIG STRIN OF JELLYFISH FOULING INTAK

MAX. DEPTH = 68 m 6N 7SEP01

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL NUTS ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	68 @depth					352	355			
2	50					353			139	
3	40					354			139	
4	30					355			138	
5	20					356			138	
6	10					357			138	
7	0					358			138	
8										
9										
10										
11										
12										

LAF DIC

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		70m2w

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
61	56	45.99 N	164	19.91 W	26	MAY	11	04	00	3.6	94.	97			308	18				75	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD 061

REMARKS

NO UAF DICs

MAX. DEPTH = 72 m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL NUTS ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	72 @depth					359				
2	50					360			139	
3	40					361			139	
4	30					362			138	
5	20					363			138	
6	10					364	356		138	
7	0					365			138	
8										
9										
10										
11										
12										

356

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		1 OMAN

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
062	57	01.01	N	164	12.70	W	26	MAY	11	06	32	3.6	95.	98			081	18				70	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD 062

REMARKS

MAX. DEPTH = 65 m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] **Cleaned air bleed valve**

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	~~SEC. SALINITY~~ (PMEL NUTS)	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	65					366				
2	50					367			139	
3	40					368			139	
4	30					369			138	
5	20					370			138	
6	10					371			138	
7	0					372			138	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		M2

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
063	56	53.87N	164	03.21W	26	MAY	11	08	19	3.7	95.0	98			084	19				73	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	M2 Center
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD 063	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m) @ center M2	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	UAF Nuts ~~SEC. TEMP.~~	PRI. SALINITY	PMEL NUTS ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL	UAF DIC
1	67.5					373	357	1, 2, 3			
2	61			19, 20, 21							
3	50					374			139		
4	40					375			139		
5	30					376			138		
6	20					377			138		
7	12			16, 17, 18		378			138		
8	5							10, 11, 12			
9	0					379			138		
10	DAR										
11	0										
12	0										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		Tomaf

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
064	56	56.63	N	163	50.00	W	26	MAY	11	11	32	3.4	96.0	00			064	18				71	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD 064

REMARKS

East corner of M2 box

MAX. DEPTH = m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL Nuts ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	67					380				
2	50					381			139	
3	40					382			139	
4	30					383			138	
5	20					384			138	
6	10					385			138	
7	0					386			138	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		M2 S

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
065	56	40.04	N	163	51.77	W	26	MAY	11	14	06	3.7	97.0	011			071	12				77	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD 065

REMARKS

South corner of M2 box.

MAX. DEPTH = m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL Nuts ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	72					387				
2	50					388			139	
3	40					389			139	
4	30					390			138	
5	20					391			138	
6	10					392			138	
7	0					393	358		138	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		STA 86, HAUL 1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
066	56	30.26 N	161	00.25 W	26	MAY	11	23	18	5.3	93.	02			048	14				68	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD 0066

REMARKS

PRIOR TO RECOVERY OF 10KC-2A

MAX. DEPTH = 64 m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PIMEL NUTS ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	@depth, 64					394		1		
2	50					395				
3	50									
4	40	COND CELLS INCREASED ON UPCAST				396				
5	30			1° = jelly		397				
6	20					398				
7	10					399		2.		
8	0					400				
9	0									
10										
11										
12										

UAF DIC

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
067	55	03.00 N	165	06.49 W	27	MAY	11	15	48	6.6	93.	09			354	13				113	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD 067

REMARKS

Unimak Pass-East line north station

MAX. DEPTH = 108 m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	108 @depth					401	359			
2	90									
3	80									
4	70					402				
5	60					403				
6	50					404			139	
7	40					405			139	
8	30					406			138	
9	20					407			138	
10	PAR									
11	10					408			138	
12	0					409			138	

UAF DIC

70
both

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
068	54	56.21	N	165	00.08	W	27	MAY	11	16	59	5.9	94.	09			070	04				93	

CTD	TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN	DATA ON		Tape/Diskette/DVD ID	File Name/Header	Unimak Pass-East Side
PRESS SN 9+ S/N 0772	START DOWN		DY1101	CTD 068	2nd sta heading N to S
PRI COND SN 4C S/N 2985	AT DEPTH				
PRI TEMP SN 3+ S/N 2376	AT SURFACE				MAX. DEPTH = 90 m
SEC COND SN 4C S/N 3127					
SEC TEMP SN 3+ S/N 4379					

** Flourometer on Primary**

[X] PAR S/N 4603 [X] FLOURO S/N 748 [ ] pH S/N 180606 [ ] Isus S/N 141 [X] O2 S/N 0904 [X] O2 S/N 0910 [ ] C-Star S/N [ ] **Cleaned air bleed valve**

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	~~SEC. SALINITY~~ PMEL NUTS	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	@depth 90					410				
2	70					411				
3	50					412			281	
4	40					413			281	
5	30					414			282	
6	20					415			283	
7	10					416			283	
8	0					417			283	
9										
10	PAR									
11										
12										

UAF DIC

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
069	54	49.62	N	164	53.59	W	27	MAY	11	18	00	6.0	94.	09			142	05				75	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	OPTICS CAST AFTER CTD
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD 069	UNIMAK PASS-EAST LINE
PRI COND SN	4C S/N 2985	AT DEPTH				MAX. DEPTH = m
PRI TEMP SN	3+ S/N 2376	AT SURFACE				
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

[X]	PAR S/N 4603	[ ]	pH S/N 180606	[X]	O2 S/N 0904	[ ]	C-Star S/N	[ ]	**Cleaned air bleed valve**
[X]	FLOURO S/N 748	[ ]	Isus S/N 141	[X]	O2 S/N 0910				

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL NUTS ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	70 (bottom)					418		10		
2	50					419			139	
3	40					420			139	
4	30					421			138	
5	20					422			138	
6	19									
7	10					423	360	11	138	
8	0					424			138	
9										
10	PAR									
11										
12										

HAF DIC

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		STA 60, HAUL 1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
070	55	43.15	N	164	47.07	W	27	MAY	11	20	08	06.9	91.	08			150	29				48	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD 070	UNIMAK PASS - EASTLINE
PRI COND SN	4C S/N 2985	AT DEPTH				SOUTHERNMOST STA
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

[X] PAR S/N 4603 [X] FLOURO S/N 748 [ ] pH S/N 180606 [ ] Isus S/N 141 [X] O2 S/N 0904 [X] O2 S/N 0910 [ ] C-Star S/N [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY (RMEL NUTS)	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	40 @ depth					425			138	
2	30					426			139	
3	20					427			138	
4	10					428			138	
5	0					429			138	
6										
7										
8										
9										
10										
11										
12										

UAF DIC

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
071	54	26.90 N	164	59.19 W	27	MAY	11	22	44	6.9	90.	09			143	28				46	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	UNIMAK PASS LINE
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD 071	SOUTH
PRI COND SN	4C S/N 2985	AT DEPTH				E → W (EAST SIDE)
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] **Cleaned air bleed valve**

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	~~SEC. SALINITY~~ RMEL NUTS	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	40 @depth					430	361		139	
2	30					431			138	
3	20					432			138	
4	10					433			138	
5	0					434			138	
6										
7										
8										
9										
10										
11										
12										

WAF DIC

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1101**		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
072	54	25.60	N	165	07.93	W	27	MAY	11	23	51	6.0	94.	09			129	26				126	

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD072

REMARKS

UNIMAK PASS SOUTH
E → W (2nd fm E)

MAX. DEPTH = 120 m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] **Cleaned air bleed valve**

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL NUT ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	120 @ bottom					435				
2	90									
3	80					436				
4	70									
5	60					437			139	
6	50					438				
7	40					439			139	
8	30					440			138	
9	20					441			138	
10	PAR									
11	10					442			138	
12	0					443			138	

UAF DK

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
073	54	22.56	N	165	16.39	W	28	MC A	Y 11	01	14	5.9	96.0	08			128	23				166	073

CTD		TIMES	JD/TIME
TYPE & SN		DATA ON	
PRESS SN	9+ S/N 0772	START DOWN	
PRI COND SN	4C S/N 2985	AT DEPTH	
PRI TEMP SN	3+ S/N 2376	AT SURFACE	
SEC COND SN	4C S/N 3127		
SEC TEMP SN	3+ S/N 4379		

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1101	CTD073

REMARKS

Unimak Pass South
E → W (3rd From E)

MAX. DEPTH = m

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL Nuts ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	161					444				
2	125					445				
3	100					446				
4	75					447				
5	50					448			129	
6	40					449			139	
7	30					450			138	
8	20					451			138	
9	10					452	362		138	
10	PAR									
11	0					453			138	
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1101		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
074	54	20.52	N	165	25.85	W	28	MC A	Y 11	02	52	5.5	95.0	08			156	19				155	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	Unimak Pass South line
PRESS SN	9+ S/N 0772	START DOWN		DY1101	CTD 074	Far West Station
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

** Flourometer on Primary**

- [X] PAR S/N 4603
- [X] FLOURO S/N 748
- [ ] pH S/N 180606
- [ ] Isus S/N 141
- [X] O2 S/N 0904
- [X] O2 S/N 0910
- [ ] C-Star S/N
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	PMEL Nuts! ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	~~150~~ @depth					454	363			
2	125					455				
3	100					456				
4	75					457				
5	50					458			139	
6	40					459			139	
7	30					460			138	
8	20					461			138	
9	15					~~461~~				
10	PAR					~~461~~				
11	10					462			138	
12	0					463			138	