

VESSEL NOAA RV Oscar Dyson		PROJECT & LEG DY1204				STATION DESIGNATION									
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=118	TIME (GMT)	DRY BULB (AIR TEMP)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD TYPE	WEATHER	BOTTOM DEPTH (m)	STA NAME/ID
002	57 28.53 N	154 42.01 W	27 APR 12	08 11	5.579	02	02	033	09					65	
CTD TYPE & SN		TIMES		DATA LOCATION		REMARKS									
PRESS SN 9+ S/N 0291		DATA ON		Tape/Diskette/DVD ID DY1204		File Name/Header CTD002		LINE 8, STA 55							
PRI COND SN 4C S/N 2985		START DOWN						REF REMOVED PRIOR TO CAST							
PRI TEMP SN 3+ S/N 2376		AT DEPTH						MAX. DEPTH = m							
SEC COND SN 4C S/N 3127		AT SURFACE													
SEC TEMP SN 3+ S/N 4379															
		<input checked="" type="checkbox"/> PAR S/N 4603		<input type="checkbox"/> pH S/N 180606		<input checked="" type="checkbox"/> O2 S/N 0904 (1%)		<input type="checkbox"/> Trans S/N 1066PR		<input type="checkbox"/> Altimeter		<input type="checkbox"/> Cleaned air bleed valve			
		<input checked="" type="checkbox"/> FLUORO S/N 867		<input type="checkbox"/> IUS S/N 141		<input checked="" type="checkbox"/> O2 S/N 0910 (2%)									

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE NUMBER	CHL (ml)	NUTS	
		PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	FLUORO	FLUORO	FLUORO				FLUORO
1															
2															
3	59													132	7
4	50													288	1
5	40													282	2
6	30													285	3
7	20													281	4
8	10													283	5
9	0													283	5
10															
11															
12															

WAF
DTC

VESSEL **NOAA RV Oscar Dyson** PROJECT & LEG **DY1204** STATION DESIGNATION

CONSC CAST #	DEG	MIN	LONGITUDE	DEG	MIN	DATE JD=118	DAY	MO	YR	HR	MIN	TIME (GMT)	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
003	57	31.04	N	154	47.03	W	27	A	P	12	09	14	5.185	02	02	*	*	055	15	*	*	211	

CTD TYPE & SN **9+ S/N 0291** DATA ON _____ JD/TIME _____
 PRESS SN **4C S/N 2985** START DOWN _____
 PRI COND SN **3+ S/N 2376** AT DEPTH _____
 PRI TEMP SN **4C S/N 3127** AT SURFACE _____
 SEC COND SN **3+ S/N 4379** _____
 SEC TEMP SN **PAR S/N 4603** PH S/N 180606 O2 S/N 0904 (1°) Trans S/N 1066PR Cleaned air bleed valve
 FLUORO S/N 867 O2 S/N 0910 (2°) Altimeter

Tape/Diskette/DVD ID **DY1204** File Name/Header **CTD 003**

REMARKS **LINE 8, STA 56 FLUOR SPIKE**

MAX. DEPTH = _____ m

POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FIBEROPTIC LAYER
1	209 10 mcb						2			8
2	150									9
3	100									10
4	50									11
5	40									12
6	30									13
7	20									14
8	10									15
9	0									16
10										
11										
12										

CTD CONVERTED MONITOR VALUES

SAMPLE BOTTLE NUMBER

NUMS

VESSEL **NOAA RV Oscar Dyson** PROJECT & LEG **DY1204** STATION DESIGNATION

CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=118	TIME (GMT)	DRY BULB (AIR TEMP)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
0045733	14N	15452.54W	23 APR 12	1031	5.1	88.	0.2			065	10			230	

CTD TYPE & SN **9+ S/N 0291** DATA ON _____ JD/TIME _____
 PRESS SN **4C S/N 2985** START DOWN _____ FILE Name/Header **CTD**
 PRI COND SN **3+ S/N 2376** AT DEPTH _____
 PRI TEMP SN **4C S/N 3127** AT SURFACE _____
 SEC COND SN **3+ S/N 4379** _____
 SEC TEMP SN **PAR S/N 4603** _____
 PH S/N 180606 O2 S/N 0904 (1°)
 FLUORO S/N 867 O2 S/N 0910 (2°)
 Trans S/N 1066PR Cleaned air bleed valve
 Altimeter

CTD CONVERTED MONITOR VALUES

POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (m)	APPROX. FLUORO-LEVEL
1	5 mds							224		0.17
2	150									0.18
3	100									0.19
4	50									0.20
5	40									0.21
6	30									0.22
7	20									0.23
8	10									0.24
9	0									0.25
10	chl max									
11	10.14 lev									
12										

REMARKS **LINE 8, STA 53**

MAX. DEPTH = m

SAMPLE BOTTLE NUMBER

NOTES

UAF DIC

VESSEL: NOAA RV Oscar Dyson PROJECT & LEG: DY1204 STATION DESIGNATION:

CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=118	TIME (GMT)	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
006	57.38.52 N	155.04.43 W	27 APR 12	1318	5.584	0.01	0.52	1.9						256	

CTD TYPE & SN: DATA ON: JD/TIME: DATA LOCATION: Tapes/Diskette/DVD ID: File Name/Header: CTD

PRESS SN: 9+ S/N 0291 START DOWN: DY1204

PRI COND SN: 4C S/N 2985 AT DEPTH: CTD

PRI TEMP SN: 3+ S/N 2376 AT SURFACE: CTD

SEC COND SN: 4C S/N 3127

SEC TEMP SN: 3+ S/N 4379

MAX. DEPTH = m

PAR S/N 4603
 pH S/N 180606
 FLUORO S/N 867
 O2 S/N 0904 (1°)
 O2 S/N 0910 (2°)
 Trans S/N 1066PR
 Altimeter
 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. FILTERED LEVEL
1	250							037		035
2	150	Fire of bottle 2								036
3	100									037
4	50									038
5	40									039
6	30									040
7	20									041
8	10									042
9	0									043
10										044
11										
12										

100
102
100

MUS
DAF
DIC

REMARKS: LINE 8, STA 59

VESSEL NOAA RV Oscar Dyson		PROJECT & LEG DY1204				STATION DESIGNATION													
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=18	TIME (GMT)	DRY BULB (AIR TEMP)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID				
D07	57 40.81 N	155 10.11 W	27 APR 12	1448	5.579	0.0	0.2	*	*	040	14	*	*	289					
CTD	TIMES		JD/TIME	DATA LOCATION		Tape/Diskette/DVD ID		File Name/Header		REMARKS									
TYPE & SN	DATA ON			DY1204		CTD				LINE 8, STA 60									
PRESS SN	START DOWN																		
PRI COND SN	AT DEPTH																		
PRI TEMP SN	AT SURFACE																		
SEC COND SN	4C S/N 3127																		
SEC TEMP SN	3+ S/N 4379																		
POS. TRIP DEPTH (m)		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE NUMBER		MAX. DEPTH =		m											
1 283		PRESSURE		PRI. TEMP.		SEC. TEMP.		PRI. SALINITY		SEC. SALINITY		SAL. NO.		OXYGEN NO.		CHL (ml)		APPROX. FIBRO LEVEL	
2 150												4						45	
3 100																		46	
4 50																		47	
5 20																		48	
6 30																		49	
7 20																		50	
8 10																		51	
9 0																		52	
10																		53	
11																			
12																			

102
102
102
102

VESSEL		PROJECT & LEG				STATION DESIGNATION													
NOAA RV Oscar Dyson		DY1204																	
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=118	TIME (GMT)	DRY BULB (AIR TEMP)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID				
108	57.43.11 N	155.15.20 W	27 APR 12	1616	5.8	78.0	02			061	15			143					
CTD	TIMES		JD/TIME		DATA LOCATION				REMARKS										
TYPE & SN	DATA ON				Tape/Diskette/DVD ID				File Name/Header										
PRESS SN	START DOWN				DY1204				CTD										
PRI COND SN	AT DEPTH																		
PRI TEMP SN	AT SURFACE																		
SEC COND SN	4C S/N 3127																		
SEC TEMP SN	3+ S/N 4379																		
POS. TRIP DEPTH (m)		PRESSURE		PRI. TEMP.		SEC. TEMP.		PRI. SALINITY		SEC. SALINITY		SAL. NO.		OXYGEN NO.		CHL (ml)		APPROX. FILTERED LEVEL	
1 19.3m		19.3m						Not Filtered						166				.054	
2 100								Bottle 56 lost overboard										.055	
3 75																		.057	
4 50																		.058	
5 40																		.281	
6 30																		.285	
7 20																		.281	
8 10																		.283	
9 0																		.283	
10 chl max		25m																.062	
11 19.1 light		50m																	
12																			

CTD CONVERTED MONITOR VALUES

SAMPLE BOTTLE NUMBER

PAR S/N 4603
 FLUORO S/N 867

PH S/N 180606
 S/N 141

O2 S/N 0904 (1°)
 O2 S/N 0910 (2°)

Trans S/N 1066PR
 Altimeter

Cleaned air bleed valve

102
102
102
102
102
102
102
102
102
102

Not filtered due to equipment obstruction

LINE 8, STA 61

UAF
DIC

VESSEL: NOAA RV Oscar Dyson PROJECT & LEG: DY1204 STATION DESIGNATION:

CONSC CAST #	DEG	MIN	LONGITUDE	DEG	MIN	DATE	JD=	TIME (GMT)	DRY BULB (AIR TEMP)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
009	5	51	11.05 N	16	14	11.52 W	119	28 APR 12	18.27	3.39	3.03	*	*	352	03	*	*	105	

CTD TYPE & SN: PRESS SN 9+ S/N 0291 START DOWN: DATA ON: FILE NAME/HEADER: CTD 009
 PRI COND SN 4C S/N 2985 AT DEPTH: DATA ON: FILE NAME/HEADER: CTD 009
 PRI TEMP SN 3+ S/N 2376 AT SURFACE: DATA ON: FILE NAME/HEADER: CTD 009
 SEC COND SN 4C S/N 3127
 SEC TEMP SN 3+ S/N 4379
 PH S/N 180606 O2 S/N 0904 (1^o) Trans S/N 1066PR Cleaned air bleed valve
 PAR S/N 4603 FLUORO S/N 867 O2 S/N 0910 (2^o) Altimeter

CTD CONVERTED MONITOR VALUES

POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1										
2										
3										
4	50								288	
5	40								282	
6	30								285	
7	20								281	
8	10								283	
9	0								283	
10	0								283	
11	0								283	
12	0								283	

REMARKS: PAULOF BAY BEFORE RECOVERY OF INSTRUMENTS
 MAX. DEPTH = m

VESSEL: NOAA RV Oscar Dyson
 PROJECT & LEG: DY1204
 STATION DESIGNATION: _____

CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=120	TIME (GMT)	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
010	54 19.9 DN	165 25.43 W	29 APR 12	1207	1.0	89.0	10	*	*	322	219			161	

CTD TYPE & SN: 9+ S/N 0291
 PRESS SN: 4C S/N 2985
 PRI COND SN: 3+ S/N 2376
 SEC COND SN: 4C S/N 3127
 SEC TEMP SN: 3+ S/N 4379

DATA ON: _____
 START DOWN: _____
 AT DEPTH: _____
 AT SURFACE: _____

DATA LOCATION: _____
 Tape/Diskette/DVD ID: DY1204
 File Name/Header: CTD 010

REMARKS: UNIMARK PASS
 W → E

MAX. DEPTH = _____ m

CTD CONVERTED MONITOR VALUES

PAR S/N 4603
 PH S/N 180606
 O2 S/N 0904 (1°)
 O2 S/N 0910 (2°)
 Trans S/N 1066PR
 Cleaned air bleed valve
 FLUORO S/N 867
 Issu S/N 141
 Altimeter

POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	5 snob							212		64
2	100									65
3	75									66
4	50									67
5	40									68
6	30									69
7	20									70
8	10									71
9	0									72
10	Chal box									
11	19, 17									
12										

WAF
 D.C.

VESSEL: NOAA RV Oscar Dyson
 PROJECT & LEG: DY1204
 STATION DESIGNATION: _____

CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=130	TIME (GMT)	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
0115422.08N	16515.48W	29 APR 12	1413	1.0901.011	33.3	18								166	

CTD DATA ON _____
 DATA ON _____
 START DOWN _____
 AT DEPTH _____
 AT SURFACE _____

TYPE & SN: 9+ S/N 0291
 PRESS SN: 4C S/N 2985
 PRI COND SN: 3+ S/N 2376
 SEC COND SN: 4C S/N 3127
 SEC TEMP SN: 3+ S/N 4379

PAR S/N 4603
 FLUORO S/N 867
 PH S/N 180606
 O2 S/N 0904 (1°)
 O2 S/N 0910 (2°)
 Trans S/N 1066PR
 Altimeter
 Cleaned air bleed valve

DATA LOCATION: Tape/Diskette/DVD ID: DY1204, File Name/Header: CTD

REMARKS: Unimak Pass
 W → E #2
 MAX. DEPTH = _____ m

POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX FLUORO LEVEL
1	5 mab						6			73
2	10D									74
3	75									75
4	50									76
5	40									77
6	30									78
7	20									79
8	10									80
9	D	Surface	bottle didn't	Fire -	probably user	error -	Surface bucket		283	81
10	chl max						used to sample			
11	17, 14									
12										

CTD CONVERTED MONITOR VALUES

SAMPLE BOTTLE NUMBER

ADITS

VAP
 DTC

VESSEL **NOAA RV Oscar Dyson** PROJECT & LEG **DY1204** STATION DESIGNATION

CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=20	TIME (GMT)	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
012	54 24.86 N	165 08.53 W	29 APR 12	1539	11.29	11.0	11			330	11			147	

CTD TYPE & SN **9+ S/N 0291** DATA ON _____ JD/TIME _____
 PRESS SN **4C S/N 2985** START DOWN _____
 PRI COND SN **3+ S/N 2376** AT DEPTH _____
 PRI TEMP SN **4C S/N 3127** AT SURFACE _____
 SEC COND SN **3+ S/N 4379** _____
 SEC TEMP SN **PAR S/N 4603** pH S/N 180606 O2 S/N 0904 (1°) Trans S/N 1066PR Cleaned air bleed valve
 FLUORO S/N 867 Sus S/N 141 O2 S/N 0910 (2°) Altimeter

Tape/Diskette/DVD ID **DY1204** File Name/Header **CTD**

REMARKS *Link Pass*
WSE #3
 MAX. DEPTH = **m**

POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	NEUTS
1	5 mab							150		82
2	100									83
3	75									84
4	50									85
5	40									86
6	30									87
7	20									88
8	10									89
9	0									90
10	chl max	10								
11	1% H	50								
12										

WAF
 DIC

VESSEL: **NOAA RV Oscar Dyson** PROJECT & LEG: **DY1204** STATION DESIGNATION: _____

CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
013	54 26.65 N	164 59.31 W	29 APR 12	1827	0.9	94.0	1.2	*	*	33	203			49	

CTD TYPE & SN: **9+ S/N 0291** DATA ON: _____ JD/TIME: _____
 PRESS SN: **4C S/N 2985** START DOWN: _____
 PRI COND SN: **3+ S/N 2376** AT DEPTH: _____
 PRI TEMP SN: **4C S/N 3127** AT SURFACE: _____
 SEC COND SN: **3+ S/N 4379** _____
 SEC TEMP SN: **PAR S/N 4603** PH S/N 180606 O2 S/N 0904 (1°) Trans S/N 1066PR Cleaned air bleed valve
 FLUORO S/N 867 S/N 141 O2 S/N 0910 (2°) Allimeter

DATA LOCATION: **Tape/Diskette/DVD ID: DY1204** File Name/Header: **CTD**
 REMARKS: **Limnol Pass W → E #4**
 MAX. DEPTH = **m**

POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FILTERED LEVEL
1	43									
2	5 mab									
3	100									
4	75									
5	50								288	91
6	40								282	92
7	30								285	93
8	20								281	94
9	10								283	95
10	chl max								113	283
11	1% lt									96
12										

CTD CONVERTED MONITOR VALUES
 SAMPLE BOTTLE NUMBER
 WETS
 WAF
 DIC

VESSEL		PROJECT & LEG		STATION DESIGNATION											
NOAA RV Oscar Dyson		DY1204													
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=(20	TIME (GMT)	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
014	5442.76N	16447.32W	29 APR 12	2046	20.95	11	11			21707				48	
CTD	TYPE & SN	TIMES	JD/TIME	DATA LOCATION		REMARKS									
	PRESS SN 9+ S/N 0291	DATA ON		Tape/Diskette/DVD ID		File Name/Header									
	PRI COND SN 4C S/N 2985	START DOWN		DY1204		CTD 014									
	PRI TEMP SN 3+ S/N 2376	AT DEPTH													
	SEC COND SN 4C S/N 3127	AT SURFACE													
	SEC TEMP SN 3+ S/N 4379														
		<input checked="" type="checkbox"/> PAR S/N 4603 <input checked="" type="checkbox"/> FLUORO S/N 867 <input type="checkbox"/> pH S/N 180606 <input type="checkbox"/> O2 S/N 0904 (1°) <input checked="" type="checkbox"/> O2 S/N 0910 (2°) <input type="checkbox"/> Trans S/N 1066PR <input type="checkbox"/> Altimeter <input type="checkbox"/> Cleaned air bleed valve		CTD CONVERTED MONITOR VALUES											
POS.	TRIP DEPTH (m)	SAMPLE BOTTLE NUMBER													
		PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX FTHORO LEVEL					
1	Booby									97					
2	40									98					
3	30									99					
4	20									100					
5	10									101					
6	0									102					
7															
8															
9															
10	chl max														
11	19.14														
12															

UNMARK PASS EAST
S → N #1

MAX. DEPTH = m

124

VESSEL		PROJECT & LEG										STATION DESIGNATION							
NOAA RV Oscar Dyson		DY1204																	
CONSC CAST #	LATITUDE	LONGITUDE		DATE JD=120		TIME (GMT)		DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
012	5449.50 N	16453.64 W		29 APR 12		2207		17.95	11	11			199	9			76		
CTD	TIMES		JD/TIME		DATA LOCATION														
TYPE & SN	DATA ON				Tape/Diskette/DVD ID File Name/Header														
PRESS SN 9+ S/N 0291	START DOWN				DY1204 CTD015														
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																			
		<input checked="" type="checkbox"/> PAR S/N 4603		<input type="checkbox"/> pH S/N 180606		<input checked="" type="checkbox"/> O2 S/N 0904 (1°)		<input type="checkbox"/> Trans S/N 1066PR		<input type="checkbox"/> Cleaned air bleed valve									
		<input checked="" type="checkbox"/> FLUORO S/N 867		<input type="checkbox"/> Ius S/N 141		<input checked="" type="checkbox"/> O2 S/N 0910 (2°)		<input type="checkbox"/> Altimeter											
		CTD CONVERTED MONITOR VALUES																	
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)	Notes									
1	69						8												
2																			
3																			
4	50								288										
5	40								282										
6	30								285										
7	20								281										
8	10								283										
9	0							0.118	283										
10																			
11																			
12																			

UNIMAX PARS EAST
S-PN #2

MAX. DEPTH = m

VESSEL: NOAA RV Oscar Dyson
 PROJECT & LEG: DY1204
 STATION DESIGNATION: UNIMARK PASS NORTH

CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=(2)	TIME (GMT)	DRY BULB (AIR TEMP)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
017	35 02.78 N	165 06.54 W	30 APR 12	0205	1.399	10	13501							112	

CTD TYPE & SN: 9+ S/N 0291
 PRESS SN: 4C S/N 2985
 PRI COND SN: 3+ S/N 2376
 SEC COND SN: 4C S/N 3127
 SEC TEMP SN: 3+ S/N 4379

DATA ON: _____
 START DOWN: _____
 AT DEPTH: _____
 AT SURFACE: _____

DATA LOCATION: Tape/Diskette/DVD ID: DY1204, File Name/Header: CTD 017

REMARKS: UNIMARK PASS NORTH
 E → W #1

MAX. DEPTH = _____ m

CTD CONVERTED MONITOR VALUES

PAR S/N 4603 PH S/N 180606 O2 S/N 0904 (1°)
 FLUORO S/N 867 S/N 141 O2 S/N 0910 (2°)
 Trans S/N 1066PR Allimeter Cleaned air bleed valve

POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	5 mads									
2	100									118
3	15									119
4	50									288
5	40									282
6	30									285
7	20									281
8	10									283
9	0						9	108		283
10										124
11										125
12										

105

VESSEL **NOAA RV Oscar Dyson** PROJECT & LEG **DY1204** STATION DESIGNATION

CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=121	TIME (GMT)	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
018	54 59 .05 N	165 17 .42 W	30 APR 12	0341	1.8100	11	11			088	02			116	

CTD TYPE & SN **9+ S/N 0291** DATA ON _____ JD/TIME _____
 PRESS SN **4C S/N 2985** START DOWN _____
 PRI COND SN **3+ S/N 2376** AT DEPTH _____
 PRI TEMP SN **4C S/N 3127** AT SURFACE _____
 SEC COND SN **3+ S/N 4379** _____
 SEC TEMP SN **PH S/N 180606** **O2 S/N 0904 (1°)** Trans S/N 1066PR Cleaned air bleed valve
 PAR S/N 4603 Fluoro S/N 867 O2 S/N 0910 (2°) Altimeter

Tape/Diskette/DVD ID **DY1204** File Name/Header **CTD 018**

REMARKS **UNMARK PASS NORTH E-710 #2 OPTICS PKG DEL AFTER 30MGS MAX. DEPTH = m**

CTD CONVERTED MONITOR VALUES

POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	SAMPLE BOTTLE NUMBER
1	5 m db							200		
2	100									
3	35								288	126
4	50								287	127
5	40								285	128
6	30								285	129
7	20								281	130
8	10								283	131
9	0								283	132
10	27								283	133
11	19.5									
12										

APPROX. FLUORO TUBE

VESSEL: NOAA RV Oscar Dyson PROJECT & LEG: DY1204 STATION DESIGNATION:

CONSC CAST #	DEG	MIN	LONGITUDE	DEG	MIN	DATE JD=	DAY	MO	YR	HR	MIN	TIME (GMT)	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
021	54	48	165511.56	09	11	0911	0	7	99	0	17	010	17	167									167	

CTD TYPE & SN: PRESS SN 9+ S/N 0291 DATA ON: START DOWN: AT DEPTH: AT SURFACE: JDTIME: JD/TIME: DATA LOCATION: DATA LOCATION: File Name/Header: CTD: Taped/Diskette/DVD ID: DY1204: MAX. DEPTH = m

SEC COND SN 4C S/N 3127 PH S/N 180606 O2 S/N 0904 (1°) Trans S/N 1066PR Cleaned air bleed valve
 SEC TEMP SN 3+ S/N 4379 PAR S/N 4603 O2 S/N 0910 (2°) Allimeter

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	5 mab																							
2	100																							
3	75																							
4	50																							
5	40																							
6	30																							
7	20																							
8	10																							
9	0																							
10																								
11																								
12																								

REMARKS: WISMAK PASS NORTH E → W #5

NOTES

VESSEL: NOAA RV Oscar Dyson PROJECT & LEG: DY1204 STATION DESIGNATION:

CONSC CAST #	DEG MIN	LATITUDE	DEG MIN	LONGITUDE	DATE JD=	DAY MO YR	TIME (GMT)	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
023	54 41	33 N	166 14	98 W	30	APR 12	1235	-0.5	91.0	20	*	*	358	115			290	

CTD TYPE & SN: DATA ON _____ JD/TIME _____
 PRESS SN: 9+ S/N 0291 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

Tape/Diskette/DVD ID: DY1204 File Name/Header: CTD

MAX. DEPTH = m

PH S/N 180606 O2 S/N 0904 (1°) Trans S/N 1066PR Cleaned air bleed valve
 FLUORO S/N 867 O2 S/N 0910 (2°) Allimeter

POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	5 m						12			171
2	200									172
3	150									173
4	100									174
5	75									175
6	50									176
7	40									177
8	30									178
9	20									179
10	10									180
11	0									181
12										181

CTD CONVERTED MONITOR VALUES

SAMPLE BOTTLE NUMBER

DLTS

VESSEL: NOAA RV Oscar Dyson PROJECT & LEG: DY1204 STATION DESIGNATION:

CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
024	5435.02 N	16607.51 W	30 APR 12	1459	-0.3	91.0	21	*	*	358	16	*	*	413	

CTD TYPE & SN: DATA ON _____ JD/TIME _____
 PRESS SN: 9+ S/N 0291 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

Tape/Diskette/DVD ID: DY1204 File Name/Header: CTD

MAX. DEPTH = m

PAR S/N 4603 PH S/N 180606
 FLUORO S/N 867 O2 S/N 0904 (1°)
 O2 S/N 0910 (2°)

Trans S/N 1066PR Cleaned air bleed valve
 Altimeter

POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPAREX FLUORO LEVEL
	406									NETS
1	5 mab							117		182
2	300									183
3	100									184
4	150									185
5	100									186
6	50									187
7	40									188
8	30									189
9	20									190
10	10									191
11	D									192
12										

CTD CONVERTED MONITOR VALUES

SAMPLE BOTTLE NUMBER

VESSEL: **NOAA RV Oscar Dyson** PROJECT & LEG: **DY1204** STATION DESIGNATION: _____

CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
25	54 28.34 N	166 02.16 W	30 APR 12	1730	-0.6866	62.9				006	15			537	

CTD TYPE & SN: **9+ S/N 0291** DATA ON: _____ JD/TIME: _____
 PRESS SN: **4C S/N 2985** START DOWN: _____
 PRI COND SN: **3+ S/N 2376** AT DEPTH: _____
 PRI TEMP SN: **4C S/N 3127** AT SURFACE: _____
 SEC COND SN: **3+ S/N 4379**
 SEC TEMP SN: **PAR S/N 4603** PH S/N 180606
FLUORO S/N 867 **FLUORO S/N 141** **O2 S/N 0904 (1°)** **O2 S/N 0910 (2°)**
 Trans S/N 1066PR **Cleaned air bleed valve**
 Allimeter

Tape/Diskette/DVD ID: **DY1204** File Name/Header: **CTD**
 DATA LOCATION: _____
 REMARKS: **Winnick Pass West N → S #3**
 MAX. DEPTH = _____ m

POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	10	577						202		193
2	40									194
3	300									195
4	200									196
5	150									197
6	100									198
7	50									199
8	40									200
9	30									201
10	20									202
11	10									203
12										

CTD CONVERTED MONITOR VALUES

SAMPLE BOTTLE NUMBER

MLTS

VESSEL: NOAA RV Oscar Dyson PROJECT & LEG: DY1204 STATION DESIGNATION:

CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=(121)	TIME (GMT)	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (%)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
02754	21.54 N	16556.05 W	20 APR 12	2132	-0.78	81	25			328	09			470	

CTD TYPE & SN: 9+ S/N 0291 DATA ON: _____ JD/TIME: _____
 PRESS SN: 4C S/N 2985 START DOWN: _____ AT DEPTH: _____
 PRI COND SN: 3+ S/N 2376 AT SURFACE: _____
 SEC COND SN: 4C S/N 3127
 SEC TEMP SN: 3+ S/N 4379
 PAR S/N 4603 PH S/N 180606 O2 S/N 0904 (1°)
 FLUORO S/N 867 S/N 141 O2 S/N 0910 (2°)
 Trans S/N 1066PR Cleaned air bleed valve
 Altimeter

DATA LOCATION: Tape/Diskette/DVD ID: DY1204 File Name/Header: CTD027
 REMARKS: UNIMARK PASS 106655 N → S #4
 MAX. DEPTH = _____ m

POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (m)	APPROX. FLUORO LEVEL
1	5 msh						14			205
2	350									206
3	250									207
4	150									208
5	100									209
6	50									288
7	40									282
8	30									285
9	20									281
10	10									283
11	0									283
12										215

14

137

205

VESSEL **NOAA RV Oscar Dyson** PROJECT & LEG **DY1204** STATION DESIGNATION

CONSC CAST #	DEG	MIN	LONGITUDE	DEG	MIN	LONGITUDE	DATE JD=	DAY	MO	YR	HR	MIN	TIME (GMT)	DRY BULB (AIR TEMP)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR.	TRUE WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
024	54	58	23 N	168	57	11 W	01	MAY	12	18	08	0	4	86	0	28			29	5	14			22	40	

CTD TYPE & SN **9+ S/N 0291** DATA ON _____ JD/TIME _____
 PRESS SN **4C S/N 2985** START DOWN _____
 PRI COND SN **3+ S/N 2376** AT DEPTH _____
 PRI TEMP SN **4C S/N 3127** AT SURFACE _____
 SEC COND SN **3+ S/N 4379** _____
 SEC TEMP SN **PAR S/N 4603** _____ PH S/N 180606 _____
FLUORO S/N 867 _____ IUS S/N 141 _____
O2 S/N 0904 (1^o) _____ Trans S/N 1066PR _____
O2 S/N 0910 (2^o) _____ Altimeter _____
 Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES	SAMPLE BOTTLE NUMBER
1		PRESSURE	
2		PRI. TEMP.	
3		SEC. TEMP.	
4	200	PRI. SALINITY	
5	150	SEC. SALINITY	
6	40	SAL. NO.	
7	40	OXYGEN NO.	
8	20	CHL (ml)	
9	20	APPROX. FLUORO LEVEL	216
10	0		217
11	0		218
12			219

REMARKS **BV19 station 33**
 MAX. DEPTH = m
 NUTS

UAF DTIC

3.07 SST

VESSEL **NOAA RV Oscar Dyson** PROJECT & LEG **DY1204** STATION DESIGNATION

CONSC CAST #	DEG	MIN	LONGITUDE	DEG	MIN	LONGITUDE	DATE	JD=123	MO	YR	HR	MIN	TIME (GMT)	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
030	54	52	07 N	168	22	20 W	02	APR	12	03	48		2.586	24		254	17						2103	

CTD	TYPE & SN	TIMES	DATA ON	JD/TIME	DATA LOCATION	REMARKS
PRESS SN	9+ S/N 0291	START DOWN			Tape/Diskette/DVD ID DY1204	File Name/Header CTD 030
PRI COND SN	4C S/N 2985	AT DEPTH				FSRS ATTACHED
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 200 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

PAR S/N 4603
 PH S/N 180606
 FLUORO S/N 867
 Issus S/N 141
 O2 S/N 0904 (1°)
 O2 S/N 0910 (2°)
 Trans S/N 1066PR
 Altimeter
 Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES	SAMPLE BOTTLE NUMBER
1	100	PRESSURE 15.85	229
2	25	PRI. TEMP. 15.85	230
3	50	SEC. TEMP. 15.85	231
4	40	PRI. SALINITY	233
5	30	SEC. SALINITY	235
6	20	SAL. NO.	236
7	10	OXYGEN NO.	237
8	D	CHL (ml)	238
9	10		238
10	17.140		
11	0		
12			

VENT SET OPEN
 NUTS
 APPROX. FLUORO LEVEL

XNO 231

VESSEL		PROJECT & LEG		STATION DESIGNATION											
NOAA RV Osear Dyson		DY1204													
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=122	TIME (GMT)	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
031	54 50.90 N	168 22.71 W	2002	0507	2.09	11.23	23			247	17			2160	
CTD	TIMES		JD/TIME		DATA LOCATION		Tape/Diskette/DVD ID		File Name/Header		REMARKS				
								DY1204		CTD031		BS16			
TYPE & SN	DATA ON														
PRESS SN 9+ S/N 0291	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															
		<input checked="" type="checkbox"/> PAR S/N 4603 <input checked="" type="checkbox"/> NO USE SENSOR <input checked="" type="checkbox"/> FLUORO S/N 667		<input type="checkbox"/> PH S/N 180606 <input type="checkbox"/> ISSUS S/N 141		<input checked="" type="checkbox"/> O2 S/N 0904 (1°) <input checked="" type="checkbox"/> O2 S/N 0910 (2°)		<input type="checkbox"/> Trans S/N 1066PR <input type="checkbox"/> Altimeter		<input type="checkbox"/> Cleaned air bleed valve					
POS. TRIP DEPTH (m)		CTD CONVERTED MONITOR VALUES													
		SAMPLE BOTTLE NUMBER													
1	1005														
2	900	231													238
3	800														239
4	700														240
5	600														241
6	500														242
7	400	910													243
8	300														244
9	200														245
10	150														246
11	125														
12															

Bottle 10 shattered, Bottle 11 Spout broken. 20 Cond and OXY affected @ 126m. 1° OXY bot but as severely as 2° OXY SIN 0910. OXYs drift apart in future casts. Bottles 10 on 2° side.

UAF
DT

VESSEL		PROJECT & LEG										STATION DESIGNATION											
NOAA RV Oscar Dyson		DY1204																					
CONSC CAST #	DEG	MIN	LONGITUDE	DEG	MIN	DATE JD=	DAY	MO	YR	HR	MIN	TIME (GMT)	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
033	5	34	6.44 N	167	20.32	W02	4	8	12	18	26	3.3	100.	20				253	22			315	
CTD	TYPE & SN		TIMES		DATA ON		JD/TIME		DATA LOCATION														
	PRESS SN 9+ S/N 0291		START DOWN						Tape/Diskette/DVD ID DY1204 File Name/Header CTD														
	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																						
			<input checked="" type="checkbox"/> PAR S/N 4603		<input type="checkbox"/> PH S/N 180606		<input checked="" type="checkbox"/> O2 S/N 0904 (1°)		<input type="checkbox"/> Trans S/N 1066PR		<input type="checkbox"/> Cleaned air bleed valve												
			<input checked="" type="checkbox"/> FLUORO S/N 867		<input type="checkbox"/> PH S/N 141		<input checked="" type="checkbox"/> O2 S/N 0910 (2°)		<input checked="" type="checkbox"/> Altimeter														
CTD CONVERTED MONITOR VALUES																							
POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVER	SAMPLE BOTTLE NUMBER												
1	200						16				1625												
2	150										259												
3	100										260												
4	50										261												
5	40										262												
6	30										263												
7	20										264												
8	10										265												
9	1% lt	50 m									283												
10	chlor max	20 m									266												
11	Surface																						
12																							

REMARKS

BS1

MAX. DEPTH = m

1625

557 3.14

31
29
31
30
4

VESSEL		PROJECT & LEG				STATION DESIGNATION									
NOAA RV Oscar Dyson		DY1204													
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=124	TIME (GMT)	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
034	54 19.72 N	167 21.90 W	2003 228 12	0351	3.3	101	17			238	22			811	
CTD	TYPE & SN	TIMES	DATA ON	JD/TIME	DATA LOCATION										
	PRESS SN 9+ S/N 0291	START DOWN			Tape/Diskette/DVD ID File Name/Header										
	PRI COND SN 4C S/N 2985	AT DEPTH			DY1204 CTD034										
	PRI TEMP SN 3+ S/N 2376	AT SURFACE			MAX. DEPTH = 202 m										
	SEC COND SN 4C S/N 3127														
	SEC TEMP SN 3+ S/N 4379														
			<input checked="" type="checkbox"/> PAR S/N 4603			<input checked="" type="checkbox"/> O2 S/N 0904 (1°)		<input checked="" type="checkbox"/> Trans S/N 1066PR		<input type="checkbox"/> Cleaned air bleed valve					
			<input checked="" type="checkbox"/> FLUORO S/N 867			<input checked="" type="checkbox"/> O2 S/N 0910 (2°)		<input checked="" type="checkbox"/> Altimeter							
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	200														
2	100														
3	75														
4															
5															
6															
7															
8	0														
9	0														
10	0														
11	19.15														
12															

REMARKS
 RPT
 Pump came out of water so
 stopped it. Book for water to 10 m
 FERR ATTACHED

VESSEL

NOAA RV Oscar Dyson

PROJECT & LEG
DY1204

STATION DESIGNATION

CONSC CAST #	DEG	MIN	LONGITUDE	DEG	MIN	DATE JD=	DAY	MO	YR	HR	MIN	TIME (GMT)	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	54	19	82N	167	22	57	03	02	01	12	04	42	3.3	101	116			237	20				809	

CTD TYPE & SN: DATA ON _____ JD/TIME _____
 PRESS SN: 9+ S/N 0291 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: DY1204 File Name/Header: CTD_035
 REMARKS: BR7
 MAX. DEPTH = _____ m

PAR S/N 4603 PH S/N 180606 Trans S/N 1066PPR Cleaned air bleed valve
 FLUORO S/N 867 O2 S/N 0904 (1°) O2 S/N 0910 (2°) Altimeter

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	500									267
2	350							64		268
3	100									269
4	50									270
5	40									271
6	30									272
7	20									273
8	10									274
9	0									275
10										
11										
12										

VESSEL		PROJECT & LEG				STATION DESIGNATION										
NOAA RV Oscar Dyson		DY1204														
CONSC CAST #	LATITUDE	LONGITUDE		DATE JD=	TIME (GMT)	DRY BULB (AIR TEMP)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
036	54.13.21 N	166.46.96 W	03	124	1151	3.4	101%	1.3			248	25			1292	BM4
CTD	TYPE & SN	TIMES	JD/TIME	DATA LOCATION												
	PRESS SN 9+ S/N 0291	DATA ON		Tape/Diskette/DVD ID File Name/Header												
	PRI COND SN 4C S/N 2985	START DOWN		DY1204 CTD												
	PRI TEMP SN 3+ S/N 2376	AT DEPTH														
	SEC COND SN 4C S/N 3127	AT SURFACE														
	SEC TEMP SN 3+ S/N 4379															
		<input checked="" type="checkbox"/> PAR S/N 4603	<input type="checkbox"/> pH S/N 180606	<input checked="" type="checkbox"/> O2 S/N 0904 (1°)	<input type="checkbox"/> Trans S/N 1066PPR											
		<input checked="" type="checkbox"/> FLUORO S/N 867	<input type="checkbox"/> Issues S/N 141	<input checked="" type="checkbox"/> O2 S/N 0910 (2°)	<input type="checkbox"/> Cleaned air bleed valve											
POS. TRIP DEPTH (m)		CTD CONVERTED MONITOR VALUES														
		SAMPLE BOTTLE NUMBER														
1	500	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL						
2	350															
3	250	Vent open														
4	150															
5	100															
6	50															
7	40															
8	30															
9	20															
10	10															
11	0															
12																

REMARKS

BM-1

MAX. DEPTH = 520 m

VESSEL: NOAA RV Oscar Dyson PROJECT & LEG: DY1204 STATION DESIGNATION:
 NOAA RV Oscar Dyson

CONSC CAST #	DEG	MIN	LONGITUDE	DEG	MIN	DATE	JD	TIME (GMT)	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
038	54	21	03 N	166	25	2004	12	0202	11.3	100	116			326	11			674	

CTD TYPE & SN: PRESS SN 9+ S/N 0291 DATA ON: START DOWN: AT DEPTH: AT SURFACE:
 PRI COND SN 4C S/N 2985 AT SURFACE:
 PRI TEMP SN 3+ S/N 2376 AT SURFACE:
 SEC COND SN 4C S/N 3127
 SEC TEMP SN 3+ S/N 4379
 PAR S/N 4603
 FLUORO S/N 867
 pH S/N 180606
 O2 S/N 0904 (1°)
 O2 S/N 0910 (2°)
 Trans S/N 1066PR
 Altimeter
 Cleaned air bleed valve
 DATA LOCATION: Tape/Diskette/DVD ID: DY1204 File Name/Header: CTD 038
 REMARKS: BROKE FOR QUINER BEFORE THIS CAST
 MAX. DEPTH = m

CTD CONVERTED MONITOR VALUES

POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (m)	APPROX. FLUORO LEVEL
1	500							032		282
2	550									288
3	250									287
4	100									290
5	75									291
6	50									288
7	40									282
8	30									285
9	20									281
10	10									283
11	0									283
12										297

SAMPLE BOTTLE NUMBER:
 APPROX. FLUORO LEVEL:
 CHL (m):
 STA. NAME/ID:
 APPROX. FLUORO LEVEL:
 CHL (m):
 STA. NAME/ID:

VESSEL NOAA RV Oscar Dyson		PROJECT & LEG DY1204				STATION DESIGNATION									
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB (AIR TEMP)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
042	54 35.14 N	165 39.00 W	04 MAY 12	1740	0.1	84.0	133	5	3	09	11	8	72	339	
CTD	TIMES		JD/TIME	DATA LOCATION											
TYPE & SN	DATA ON			Tape/Diskette/DVD ID		File Name/Header									
PRESS SN	9+ S/N 0291			DY1204		CTD									
PRI COND SN	4C S/N 2985		START DOWN												
PRI TEMP SN	3+ S/N 2376		AT DEPTH												
SEC COND SN	4C S/N 3127		AT SURFACE												
SEC TEMP SN	3+ S/N 4379					MAX. DEPTH = m									
		<input checked="" type="checkbox"/> PAR S/N 4603	<input type="checkbox"/> pH S/N 180606			<input checked="" type="checkbox"/> O2 S/N 0904 (1°)	<input type="checkbox"/> Trans S/N 1066PR		<input type="checkbox"/> Cleaned air bleed valve						
		<input checked="" type="checkbox"/> FLUORO S/N 867	<input type="checkbox"/> Isus S/N 141			<input checked="" type="checkbox"/> O2 S/N 0910 (2°)	<input type="checkbox"/> Altimeter								
CTD CONVERTED MONITOR VALUES															
POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL	SAMPLE BOTTLE NUMBER				
1	5 332									317					
2	300									318					
3	200									319					
4	100									320					
5	75									321					
6	50									322					
7	41									323					
8	30									324					
9	20									325					
10	10									326					
11	0									327					
12															

REMARKS
BD-4
Cast #2

VESSEL: **NOAA RV Oscar Dyson** PROJECT & LEG: **DY1204** STATION DESIGNATION: **DY1204**

CONSC CAST #	DEG	MIN	LONGITUDE	DEG	MIN	DATE JD=	MO	YR	HR	MIN	TIME (GMT)	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
0435514	14	97	N	166	16	2005	M	A	Y	12	0101	-1.673	11	11	01303							134	

CTD TYPE & SN: **9+ S/N 0291** DATA ON: **START DOWN** JD/TIME: **DATA ON**

PRI COND SN: **4C S/N 2985** AT DEPTH: **AT SURFACE**

PRI TEMP SN: **3+ S/N 2376**

SEC COND SN: **4C S/N 3127**

SEC TEMP SN: **3+ S/N 4379**

PAR S/N 4603 PH S/N 180606 O2 S/N 0904 (1°) Trans S/N 1066PR Cleaned air bleed valve

FLUORO S/N 867 S/N 141 O2 S/N 0910 (2°) Altimeter

DATA LOCATION: **File Name/Header: DY1204 CTD 043**

REMARKS: **3D13 hit bottom - wind speed not working??**

MAX DEPTH = **134** m

POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO-FEVEL
1	134							221		328
2	75									329
3	50									330
4	40									331
5	40									332
6	30									333
7	20									334
8	12									335
9	12									
10	10									
11	0									
12										

CTD CONVERTED MONITOR VALUES

SAMPLE BOTTLE NUMBER

31
30
29
28
27

VESSEL NOAA RV Oscar Dyson		PROJECT & LEG DY1204				STATION DESIGNATION									
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=125	TIME (GMT)	DRY BULB (AIR TEMP)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
0455442	45N	16516.41W	05 MAY 12	2012	-1.1101	03	32408							137	
CTD	TIMES		JD/TIME		DATA LOCATION										
TYPE & SN	DATA ON				Tape/Diskette/DVD ID					File Name/Header					
PRESS SN	9+ S/N 0291		START DOWN		DY1204					CTD 045					
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														
			<input checked="" type="checkbox"/> PAR S/N 4603 <input checked="" type="checkbox"/> FLUORO S/N 867		<input type="checkbox"/> pH S/N 180606 <input type="checkbox"/> SUS S/N 141		<input checked="" type="checkbox"/> O2 S/N 0904 (1°) <input checked="" type="checkbox"/> O2 S/N 0910 (2°)		<input type="checkbox"/> Trans S/N 1066PR <input type="checkbox"/> Altimeter		<input type="checkbox"/> Cleaned air bleed valve				
CTD CONVERTED MONITOR VALUES															
POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL					
1	5 mds						22	187		345					
2	15									346					
3	40									347					
4	30									348					
5	50									349					
6	50									350					
7	20									350					
8	15									351					
9	15									352					
10	10									352					
11	0														
12															

15

REMARKS
FERC ATTACHED

drained dry by other groups : no sample taken

21
29
21
38

VESSEL NOAA RV Oscar Dyson		PROJECT & LEG DY1204				STATION DESIGNATION									
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD = 129	TIME (GMT)	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
0465939	85 N	16361.58 W	08 MAY 12	0849-3.59	17.0	17	308	14						77	
CTD	TIMES		JD/TIME	DATA LOCATION				REMARKS							
TYPE & SN	DATA ON			Tape/Diskette/DVD ID				File Name/Header							
PRESS SN	9+ S/N 0291	START DOWN		DY1204				CTD 046							
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														
POS. TRIP DEPTH (m)		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE NUMBER											
		<input checked="" type="checkbox"/> PAR S/N 4603 <input checked="" type="checkbox"/> FLUORO S/N 867 <input type="checkbox"/> pH S/N 180606 <input type="checkbox"/> O2 S/N 0904 (1°) <input checked="" type="checkbox"/> O2 S/N 0910 (2°) <input type="checkbox"/> Trans S/N 1066PR <input type="checkbox"/> Cleaned air bleed valve <input type="checkbox"/> Altimeter													
1	5m	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL					
2	50														
3	40														
4	30														
5	20														
6	10														
7	0														
8	0														
9	0														
10	0														
11	19.5														
12	0														

MA SOUTH
Jelly in 20 upcast.

VESSEL: NOAA RV Oscar Dyson PROJECT & LEG: DY1204 STATION DESIGNATION:

CONSC CAST #	DEG	MIN	LONGITUDE	DEG	MIN	DATE JD=	DAY	MO	YR	HR	MIN	TIME (GMT)	DRY BULB (AIR TEMP)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID				
048	56	52	08 N	164	03	62	W	08	M	A	Y	12	12	39	-3	99	1	0	116			290	12			79	

CTD TYPE & SN: PRESS SN 9+ S/N 0291, PRI COND SN 4C S/N 2985, PRI TEMP SN 3+ S/N 2376, SEC COND SN 4C S/N 3127, SEC TEMP SN 3+ S/N 4379

START DOWN: AT DEPTH, AT SURFACE

DATA LOCATION: Tape/Diskette/DVD ID DY1204, File Name/Header CTD

REMARKS: M2 center cast #1

MAX. DEPTH = m

PAR S/N 4603, PH S/N 180606, O2 S/N 0904 (1°), O2 S/N 0910 (2°), Trans S/N 1066PR, Altimeter

CTD CONVERTED MONITOR VALUES

POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO. AVERAGE
1	67					751.752, 753				33, 34, 35
2	67					754, 755, 756				36, 37, 38
3	61					757				
4	50					758			288	39
5	40					759			282	36
6	30								285	361
7										
8										
9										
10	chl max									
11	19.4									
12										

NOTES: DIC

VESSEL: NOAA RV Oscar Dyson PROJECT & LEG: DY1204 STATION DESIGNATION:

CONSC CAST #	DEG	MIN	LATITUDE	DEG	MIN	LONGITUDE	DATE JD=	MO	YR	HR	MIN	TIME (GMT)	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
049	56	51	82 N	164	04	03 W	08	M	A	Y	12	1307	-3.9	91.0	16			278	14				73	

CTD TYPE & SN: DATA ON: TIMES: JD/TIME: DATA LOCATION: Tape/Diskette/DVD ID: File Name/Header: CTD

PRESS SN: 9+ S/N 0291 START DOWN: AT DEPTH: AT SURFACE: MAX. DEPTH = m

PRI COND SN: 4C S/N 2985 SEC COND SN: 4C S/N 3127 SEC TEMP SN: 3+ S/N 4379

PAR S/N 4603 pH S/N 180606 O2 S/N 0904 (1%) Trans S/N 1066PR Cleaned air bleed valve

FLUORO S/N 867 IUS S/N 141 O2 S/N 0910 (2%) Altimeter

POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	UAF WUTS	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	33									283	
2	33									283	
3	33									281	
4	20					766				281	362
5	13.5					761.762763					363,364,365
6	12					764.765				282	
7	12									283	
8	12									283	
9	10					766				283	366
10	0					767				283	367
11											
12											

CTD CONVERTED MONITOR VALUES SAMPLE BOTTLE NUMBER WUTS

UAF DIC WUTS

VESSEL NOAA RV Oscar Dyson		PROJECT & LEG DY1204				STATION DESIGNATION									
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB (AIR TEMP)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
050	56 52.13 N	164 03.81 W	08 MAY 12	21 19	-3.2	79.0	012			025	02			73	
CTD	TIMES		JD/TIME		DATA LOCATION										
TYPE & SN	DATA ON				Tape/Diskette/DVD ID		File Name/Header								
PRESS SN	9+ S/N 0291	START DOWN			DY1204		CTD								
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	<input checked="" type="checkbox"/> PAR S/N 4603	<input type="checkbox"/> pH S/N 180606	<input checked="" type="checkbox"/> O2 S/N 0904 (1°)	<input type="checkbox"/> Trans S/N 1066PR	<input type="checkbox"/> Cleaned air bleed valve									
		<input checked="" type="checkbox"/> FLUORO S/N 867	<input type="checkbox"/> S/N 141	<input checked="" type="checkbox"/> O2 S/N 0910 (2°)	<input type="checkbox"/> Altimeter										
CTD CONVERTED MONITOR VALUES															
POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL	SAMPLE BOTTLE NUMBER				
1	60														
2	50														
3	40														
4	30														
5	20														
6	10														
7	1/2 ft 40														
8	1/2 ft 40														
9	chl max 200														
10	chl max 200														
11	0														
12															

REMARKS
M2 center
after deployment cast

MAX. DEPTH = m

VESSEL		PROJECT & LEG				STATION DESIGNATION									
NOAA RV Oscar Dyson		DY1204													
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
052	5645.91 N	16420.06 W	08 MAY 12	2312-22	77.1	77.1	110			080	09			74	
CTD	TYPE & SN	TIMES	DATA ON	JD/TIME	DATA LOCATION				REMARKS						
	PRESS SN 9+ S/N 0291	START DOWN			Tape/Diskette/DVD ID DY1204				File Name/Header CTD052						
	PRI COND SN 4C S/N 2985	AT DEPTH							* SAL PROFILES ARE 0.02 APPART						
	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														
		<input checked="" type="checkbox"/> PAR S/N 4603	<input type="checkbox"/> pH S/N 180806	<input checked="" type="checkbox"/> O2 S/N 0904 (1°)	<input type="checkbox"/> Trans S/N 1066PR		<input type="checkbox"/> Cleaned air bleed valve								
		<input checked="" type="checkbox"/> FLUORO S/N 867	<input type="checkbox"/> S/N 141	<input checked="" type="checkbox"/> O2 S/N 0910 (2°)	<input checked="" type="checkbox"/> Altimeter										
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 (m)	APPROX FLUORO LEVEL					
1	5 mds														
2	50								288						
3	40								282						
4	30								285						
5	20								281						
6	10								283						
7	0								269						
8															
9															
10															
11															
12															

269

VESSEL: **NOAA RV Oscar Dyson** PROJECT & LEG: **DY1204** STATION DESIGNATION: _____

CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=130	TIME (GMT)	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
053	5701.10 N	16413.10 W	10 MAY 12	0144-2.3	83.0	08	09	5	12	69					

CTD TYPE & SN: _____ TIMES: _____ JD/TIME: _____ DATA LOCATION: _____
 PRESS SN: 9+ S/N 0291 START DOWN: _____ DATA ON: _____
 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

PAR S/N 4603 PH S/N 180606 O2 S/N 0904 (1°)
 FLUORO S/N 867 FLUORO S/N 141 O2 S/N 0910 (2°)
 Trans S/N 1086PR Altimeter 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	5 m						230	217					
2	50												
3	40												
4	30												
5	20												
6	10												
7	0												
8													
9													
10													
11													
12													

REMARKS: **MA NORTH**

MAX. DEPTH = _____ m