

VESSEL **NOAA RV Oscar Dyson** PROJECT & LEG **DY1105** 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
001	3639.25 N	16352.27 W	22 SEP 11	0531	6.3	83.87				303	24			75	

CTD TYPE & SN **9+ S/N 0772** 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 748 _____
PH S/N 180606 _____
FLUORO S/N 141 _____
O2 S/N 0904 _____
O2 S/N 0910 _____
Trans S/N 1066PR _____
Altimeter _____
 ** O2 on Primary**
 Cleaned air bleed valve

Tape/Diskette/DVD ID **DY1105** File Name/Header **CTD 001**
 DATA LOCATION
 REMARKS **35.2 SOUTH**
 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	70							167	243	281
2	50									281
3	40									282
4	30									283
5	20									283
6	10								403	283
7	0									283
8										
9										
10										
11										
12										

CTD CONVERTED MONITOR VALUES
 SAMPLE BOTTLE NUMBER
 167
 243
 NITS

VESSEL **NOAA RV Oscar Dyson** PROJECT & LEG **DY1105** 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
002	56 45	73 N	164 21	10 W	22 S	E P 1 1	10 18	6.3	85.4	89			329	34			74	B52W2

CTD TYPE & SN	DATA ON	TIMES	JD/TIME	DATA LOCATION	REMARKS
PRESS SN 9+ S/N 0772	START DOWN			Tape/Diskette/DVD ID DY1105	B52 West
PRI COND SN 4C S/N 2985	AT DEPTH			File Name/Header	
PRI TEMP SN 3+ S/N 2376	AT SURFACE			CTD 002	
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 Trans S/N 1066PPR Cleaned air bleed valve
 FLUORO S/N 748 Isus S/N 141 O2 S/N 0910 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	68	69					404						
2	50	48											
3	40	40											
4	30	30											
5	20	20											
6	10	10											
7	0	1											
8													
9													
10													
11													
12													

NOTE: 8, 9, 10, 11, 12, 13, 14

VESSEL: NOAA RV Oscar Dyson PROJECT & LEG: DY1105 STATION DESIGNATION:

CONSC CAST #	003	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
	57	01	10	N	16	41	43	W	22	S	11	18	14	6.0	85.	92			323	30			67	B52W

CTD TYPE & SN	9+ S/N 0772	DATA ON	JD/TIME	DATA LOCATION	REMARKS
PRESS SN	4C S/N 2985	START DOWN		Tape/Diskette/DVD ID	B52 - North
PRI COND SN	3+ S/N 2376	AT DEPTH		File Name/Header	
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 on Primary**
 FLUORO S/N 748 S/N 141 O2 S/N 0904 O2 S/N 0910
 Trans S/N 1066PR Cleaned air bleed valve
 Altimeter

POS. TRIP DEPTH (m) CTD CONVERTED MONITOR VALUES SAMPLE BOTTLE NUMBER

POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	14h	62						.221/208		
2	50	49.2							.281	
3	40	40							.281	
4	30	29.9							.282	
5	20	19.4							.283	
6	10	11							.283	
7	0	3.9							.405	
8										
9										
10										
11										
12										

15 nts
16
17
18
19
20
21

VESSEL **NOAA RV Oscar Dyson** PROJECT & LEG **DY1105** 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
004	56	56	16350.45 N	33	50	22	22	SEP	11	20	39	2039	6.6	86	93	*	*	325	28	*	*	*	69	

CTD	TYPE & SN	DATA ON	TIMES	JD/TIME	DATA LOCATION	REMARKS
	PRESS SN 9+ S/N 0772	START DOWN			Tape/Diskette/DVD ID DY1105	File Name/Header CTD 004
	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					
						MAX. DEPTH = m

PAR S/N 4603 PH S/N 180606 O2 on Primary**
 FLUORO S/N 748 S/N 141 O2 S/N 0904 O2 S/N 0910
 Trans S/N 1066PR Cleaned air bleed valve
 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	67m						x 406							
2	50													
3	40													
4	30													
5	20													
6	10													
7	0													
8														
9														
10														
11														
12														

M/S 22 23 24 25 26 27 28

VESSEL **NOAA RV Oscar Dyson** PROJECT & LEG **DY1105** 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	
005	56	51.71	N	164	03.04	W	22	S	E	11	23	18	6.3	89	914	*	*	301	32				72	

CTD	TIMES	JD/TIME	DATA LOCATION	REMARKS
TYPE & SN	DATA ON		Tape/Diskette/DVD ID	BS-2 MIDDLE
PRESS SN	START DOWN		File Name/Header	1972 CTDs
PRI COND SN	AT DEPTH			Issue from 0 to 61m
PRI TEMP SN	AT SURFACE			
SEC COND SN				MAX. DEPTH = 68 m

SEC TEMP SN 3+ S/N 4379 PAR S/N 4603 PH S/N 180606 O2 S/N 0904 O2 S/N 0910 Trans S/N 1066PPR Cleaned air bleed valve Fluoro S/N 748 Issus 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	0							182/197	ADIS	UAF N415
2	61									181,182,183
3	50								.285	
4	40								.283	
5	30								.283	
6	20								.283	
7	12 1/4								.281	184,185,186
8	10									
9	0									
10										
11										
12										

2° Cond. wayward on upcast. Back in line at ~13m on upcast. Oxy 2 jumps off about same time - KH.

N415
29
32
33
34
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36,37
38
39

VESSEL **NOAA RV Oscar Dyson** PROJECT & LEG **DY1105** 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
0065651	16403.33	16403.33	W22 SEP 11	2354	6.788	0.95				291	19			73	

CTD TYPE & SN **9+ S/N 0772** 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**
FLUORO S/N 748 **FLUORO S/N 141** **O2 S/N 0910**
 ** O2 on Primary** **Trans S/N 1066PR** **Cleaned air bleed valve**
 Altimeter

Tape/Diskette/DVD ID **DY1105** File Name/Header **CTD 006**
 DATA LOCATION

POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	24								283	
2	24								283	
3	24								283	
4	12.5								288	
5	12.5								287	
6	12.5								282	
7										
8										
9										
10										
11										
12										

Fluoro - OK? - KH

did not see O₂ in tank 2 samples (see bottom of bottle)

BS-2 middle
2 of 2 CTDs

VESSEL **NOAA RV Oscar Dyson** PROJECT & LEG **DY1105** STATION DESIGNATION

CONSC CAST #	DEG MIN	LATITUDE	DEG MIN	LONGITUDE	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
007	59 54	09 N	171 42	38 W	24	SEP 11	18 18	4.9	84	04	*	*	319	23				70	

CTD TYPE & SN **9+ S/N 0772** 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**
FLUORO S/N 748 **PH S/N 180606** **O2 S/N 0910**
Trans S/N 1066PPR **Cleaned air bleed valve**
 Altimeter

CTD CONVERTED MONITOR VALUES

DATA LOCATION: **Tape/Diskette/DVD ID** **DY1105** **File Name/Header** **CTD007**

REMARKS: **B5-5 middle**

MAX. DEPTH = _____ m

POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	WETS
1	611						408	147/153		UAF
2	50								285	Dir
3	40								277	
4	30								287	
5	20								288	
6	17								283	
7	17								283	
8	17								283	
9	10								281	
10	0								281	
11										
12										

WETS UAF Dir

VESSEL: **NOAA RV Oscar Dyson** PROJECT & LEG: **DY1105** STATION DESIGNATION: _____

CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=2017	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	6004.58 N	17200.57 W	24 SEP 11	2239	6.0	77.05	0.5			231	22			63	

CTD	TIMES	JD/TIME	DATA LOCATION	REMARKS
TYPE & SN	DATA ON		Tape/Diskette/DVD ID	BSS - NORTH
PRESS SN	START DOWN		DY1105	
PRI COND SN	AT DEPTH			
PRI TEMP SN	AT SURFACE			
SEC COND SN				
SEC TEMP SN				

PAR S/N 4603 PH S/N 180606 O2 S/N 0904 O2 S/N 0910
 FLUORO S/N 748 SUS S/N 141 Trans S/N 1066PR Altimeter Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES	SAMPLE BOTTLE NUMBER	APPROX. FLURO LEVEL					
		PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)
1	depth						410	59.69	
2	50								288
3	40								283
4	30								283
5	20								283
6	10								281
7	0								281
8									
9									
10									
11									
12									

NOTES
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VESSEL: NOAA RV Oscar Dyson PROJECT & LEG: DY1105 STATION DESIGNATION:

CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=2008 SEP 11	TIME (GMT)	DRY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (%)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
010	5953.97N	17114.93W	25 SEP 11	0131	5.7	77	05	*	323	16			73	

CTD	TYPES & SN	DATA ON	JD/TIME	DATA LOCATION	REMARKS
	PRESS SN 9+ S/N 0772	START DOWN		Tape/Diskette/DVD ID DY1105	BS-5 EAST
	PRI COND SN 4C S/N 2985	AT DEPTH		File Name/Header CTD 010	
	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)	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (m)	APPROX. FLUORO LEVEL
1	65								
2	50								
3	40								
4	30								
5	20								
6	10								
7	0								
8									
9									
10									
11									
12									

CTD CONVERTED MONITOR VALUES

PAR S/N 4603 pH S/N 180606 O2 S/N 0904 O2 S/N 0910 Trans S/N 1066PR Cleaned air bleed valve

FLUORO S/N 748 Isus S/N 141 Altimeter

** O2 on Primary**

SAMPLE BOTTLE NUMBER

NOTES

22

23

24

25

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28

VESSEL **NOAA RV Oscar Dyson** PROJECT & LEG **DY1105** STATION DESIGNATION

CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=268	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
011	59 41.95 N	171 29.82 W	25 SEP 11	0336	5.8	81	06	*	*	324	22			75	

CTD TYPE & SN **9+ S/N 0772** 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** **O2 S/N 0910**
 PAR S/N 4603 **Trans S/N 1066PR** Cleaned air bleed valve
 FLUORO S/N 748 **Fluoro S/N 141** **Altimeter**

** O2 on Primary**

Tape/Diskette/DVD ID **DY1105** File Name/Header **CTD 011**

REMARKS **BS-5 SOUTH**

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)	APPROX. FLUORO LEVEL
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POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	0						412	72.60		
2	50								288	
3	10								283	
4	30								283	
5	20								283	
6	10								281	
7	0								281	
8										
9										
10										
11										
12										

29
30
31
32
33
34
35

VESSEL: NOAA RV Oscar Dyson PROJECT & LEG: DY1105 STATION DESIGNATION:
 DATE: 21 SEP 11 TIME: 2119Z (GMT) DRY BULB (AIR TEMP): 5.6 RELATIVE HUMIDITY: 78% PRESSURE: 1013.0 mb SEA STATE: * VISIBILITY: * TRUE WIND DIR.: 305 TRUE WIND SPD.: 16 (kts) CLOUD: * WEATHER: * BOTTOM DEPTH: 616 (m) STA. NAME/ID:
 PROJECT & LEG: DY1105

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	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
0145	57.59 N	169.19.68 W	25	2119Z	5.6	78	1013.0	*	*	305	16		*	616	

CTD TYPE & SN: 9+ S/N 0772 DATA ON: _____ JD/TIME: _____
 PRESS SN: 4C S/N 2985 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
 Tapes/Diskette/DVD ID: DY1105 File Name/Header: CTD014
 REMARKS: BS-4 WEST
 MAX. DEPTH = 62 m

CTD CONVERTED MONITOR VALUES
 PAR S/N 4603 pH S/N 180606 O2 S/N 0904 O2 on Primary**
 FLUORO S/N 748 IUS S/N 141 O2 S/N 0910
 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)	APPROX. PFCOLOR LEVEL
1	68						4114	6164	288	43
2	50								288	44
3	70								281	45
4	80								281	46
5	20								283	47
6	10								283	48
7	0								283	49
8										
9										
10										
11										
12										

NOTES

VESSEL: **NOAA RV Oscar Dyson** PROJECT & LEG: **DY1105** 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
017	5739.31N	16901.03W	26 SEP 11	0442	6.2	82.07	0.7	*	*	325	9			69	

CTD TYPE & SN: **9+ S/N 0772** 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**

Tape/Diskette/DVD ID: **DY1105** File Name/Header: **CTD017**

REMARKS: **BS-Y SOUTH**

MAX. DEPTH = _____ m

CTD CONVERTED MONITOR VALUES

PAR S/N 4603 PH S/N 180606 O2 S/N 0904 Trans S/N 1066PR Cleaned air bleed valve
 FLUORO S/N 748 Sus S/N 141 O2 S/N 0910 Altimeter

** O2 on Primary**

POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (m)	APPROX. FLUORO LEVEL
1	63									69
2	50									65
3	40									66
4	30									67
5	20									68
6	10									69
7	0									70
8										
9										
10										
11										
12										

NOTES

VESSEL: NOAA RV Oscar Dyson PROJECT & LEG: DY1105 STATION DESIGNATION:
 DATE: 23 SEP 11 TIME (GMT): 0404 DRY BULB (AIR TEMP): 4.5 RELATIVE HUMIDITY (%): 91 PRESSURE (mb): 96 SEA STATE: * VISIBILITY: * TRUE WIND DIR. (deg): 116 TRUE WIND SPD. (kts): 18

CONSC CAST #	DEG	MIN	LONGITUDE	DEG	MIN	DATE	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	LOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
018	56	51.63	N	164	03.15	23	SEP	11	04	04	4.5	91	96	*	*	116	18			73	

CTD TYPE & SN: 9+ S/N 0772 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
 DATA LOCATION: Tape/Diskette/DVD ID: DY1105 File Name/Header: CTD 018
 REMARKS: AFTER SITE A WORKING DEVIATIONS CTD 1 OF 3 MAX. DEPTH = m

PH S/N 180606 O2 S/N 0904 Trans S/N 1066PR Cleaned air bleed valve
 FLUORO S/N 748 O2 S/N 0910 Altimeter
 ** O2 on Primary**
 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	68						-418	-038.132		288
2	50									281
3	40									281
4	30									283
5	20									283
6	10									283
7	0									283
8										
9										
10										
11										
12										

NUTS

WORKING DEVIATIONS

VESSEL: NOAA RV Oscar Dyson
 PROJECT & LEG: DY1105
 STATION DESIGNATION: _____

CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=210	TIME (GMT)	DRY BULB (AIR TEMP)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (%)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
019	56 52.09 N	164 02.14 W	27 SEP 11	0432	4.8	92	96			126	20			72	

CTD TYPE & SN: 9+ S/N 0772
 PRESS SN: 4C S/N 2985
 PRI COND SN: 3+ S/N 2376
 PRI TEMP SN: 4C S/N 3127
 SEC COND SN: 3+ S/N 4379
 SEC TEMP SN: _____

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

DATA LOCATION: Tape/Diskette/DVD ID: DY1105, File Name/Header: CTD 019

REMARKS: AFTER SITE 2
 MOORING DEPLOYMENTS
 CTD 2 OF 3
 MAX. DEPTH = 68 m

CTD CONVERTED MONITOR VALUES

PAR S/N 4603 PH S/N 180606
 FLUORO S/N 748 S/N 141
 O2 on Primary** O2 S/N 0904
 O2 S/N 0910
 Trans S/N 1066PR Altimeter

POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (m)	APPROX. FLUORO LEVEL
1	6.7						252	100181		
2	61									745, 746
3	33								281	
4	33								281	
5	33								288	
6	13.5								748	749, 750
7										
8										
9										
10										
11										
12										

UAF
 NUTTS
 Calu
 Nuts
 8
 10, 11

VESSEL NOAA RV Oscar Dyson		PROJECT & LEG DY1105				STATION DESIGNATION													
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=230	TIME (GMT)	DRY BULB (AIR TEMP)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	LOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID				
020	5652.25 N	16401.39 W	27 SEP 11	0451	4.8	92.97		*	*	096	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		DY1105				CTD 020											
PRI COND SN	4C S/N 2985	AT DEPTH						MOORING DEPLOYMENTS											
PRI TEMP SN	3+ S/N 2376	AT SURFACE						CTD 3053											
SEC COND SN	4C S/N 3127							MAX DEPTH = 14 m											
SEC TEMP SN	3+ S/N 4379																		
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	12																		
2	12																		
3	12																		
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			

JUST TOOK THE CTD STRAIGHT TO 12m (DIDN'T GO TO 10m & WAIT FOR PUMP)

PAR S/N 4603
FLUORO S/N 748
pH S/N 180606
SUS S/N 141

** O2 on Primary**

O2 S/N 0904
O2 S/N 0910

Trans S/N 1066PR
Altimeter

Cleaned air bleed valve

VESSEL: NOAA RV Oscar Dyson PROJECT & LEG: DY1105 STATION DESIGNATION:
 PROJECT & LEG: DY1105

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
022	56 54 . 52 N	164 50 . 36 W	27 SEP 11	0825	5.9	88.	02			061	14			71.8	

CTD TYPE & SN	TIMES	DATA ON	JD/TIME	DATA LOCATION	REMARKS
PRESS SN 9+ S/N 0772	START DOWN			Tape/Diskette/DVD ID DY1105	File Name/Header CTD 022
PRI COND SN 4C S/N 2985	AT DEPTH				70 m. isobath
PRI TEMP SN 3+ S/N 2376	AT SURFACE				
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 O2 S/N 0904 Trans S/N 1066PPR Cleaned air bleed valve
 FLUORO S/N 748 Issus S/N 141 O2 S/N 0910 Altimeter

POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	0						420	61		19
2	50								288	20
3	10								281	21
4	30								281	22
5	20								283	23
6	10								283	24
7	0								283	25
8										
9										
10										
11										
12										

CTD CONVERTED MONITOR VALUES

SAMPLE BOTTLE NUMBER

NOTES

01C

VESSEL **NOAA RV Oscar Dyson** PROJECT & LEG **DY1105** 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 (%)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
023	5700.16 N	16522.84 W	27 SEP 11	1036	6.0	86.	03			001	10			72	00023

CTD TYPE & SN **9+ S/N 0772** 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 **4C S/N 4603** _____
 PH S/N 180606 O2 S/N 0904
 IUS S/N 141 O2 S/N 0910
 Trans S/N 1066PR Cleaned air bleed valve
 Altimeter

DATA LOCATION: Tape/Diskette/DVD ID **DY1105** File Name/Header **CTD 023**
 REMARKS: **70m ISOBATH**
 MAX. DEPTH = _____ m

POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FIBRO LEVEL
1	65									28
2	50									28
3	40									28
4	30									29
5	20									30
6	10									31
7	0									32
8										
9										
10										
11										
12										

CTD CONVERTED MONITOR VALUES: **02 on Primary****
 SAMPLE BOTTLE NUMBER: **NUTS DIC**

VESSEL: NOAA R/V Oscar Dyson PROJECT & LEG: DY1105 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 TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
024	57 15.69 N	165 45.19 W	27 SEP 11	12 48	5.8	93.	03	*	*	311	14			69	00024

CTD TYPE & SN	TIMES	JD/TIME	DATA LOCATION	REMARKS
PRESS SN 9+ S/N 0772	DATA ON		Tape/Diskette/DVD ID	Thin isobath
PRI COND SN 4C S/N 2985	START DOWN		DY1105	
PRI TEMP SN 3+ S/N 2376	AT DEPTH		CTD	
SEC COND SN 4C S/N 3127	AT SURFACE			
SEC TEMP SN 3+ S/N 4379				

PAR S/N 4603 PH S/N 180606 O2 S/N 0904 O2 S/N 0910
 FLUORO S/N 748 IUS S/N 141 Trans S/N 1066PR Altimeter 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	0 depth				Leaker		422	099	238	35
2	50								281	36
3	40								283	37
4	20								283	38
5	20								283	39
6	10									
7	0									
8										
9										
10										
11										
12										

CTD CONVERTED MONITOR VALUES

SAMPLE BOTTLE NUMBER

WUTS

VESSEL **NOAA R/V Oscar Dyson** PROJECT & LEG **DY1105** 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 TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
025	57 19.20 N	166 19.34 W	27 SEP 11	14 57	6.6	97.	05	*	*	342	17			70	00025

CTD TYPE & SN	TIMES	JD/TIME	DATA LOCATION	REMARKS
PRESS SN 9+ S/N 0772	START DOWN		Tape/Diskette/DVD ID File Name/Header	70 m 150 bottles
PRI COND SN 4C S/N 2985	AT DEPTH		DY1105 CTD	
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 Trans S/N 1066PPR Cleaned air bleed valve
 FLUORO S/N 748 FLUORO S/N 141 O2 S/N 0904 O2 S/N 0910 O2 on Primary**
 Altimeter

CTD CONVERTED MONITOR VALUES

SAMPLE BOTTLE NUMBER

WTS

POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (m)	APPROX. FLUORO LEVEL
1	64 m									40
2	50								288	41
3	40								281	42
4	30								281	43
5	20								283	44
6	10								283	45
7	0						423	179	283	46
8										
9										
10										
11										
12										

46
40

VESSEL: NOAA R/V Oscar Dyson PROJECT & LEG: DY1105 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 TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
02657	25.37N	16648.36W	1715 SEP 11	1715	5.9	97.	07			314	21			7000	026

CTD TYPE & SN: 9+ S/N 0772 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
 FLUORO S/N 748 IUS S/N 141 O2 S/N 0910
 ** O2 on Primary**
 Trans S/N 1066PR Altimeter
 Cleaned air bleed valve
 Tapes/Diskette/DVD ID: DY1105 File Name/Header: CTD
 REMARKS: 20m 70 depth
 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	65 depth						424	062	288	47
2	50								281	49
3	46								283	51
4	30								283	52
5	20								283	53
6	10									
7	0									
8										
9										
10										
11										
12										

SAMPLE BOTTLE NUMBER: NUTS

WAF
DTC

VESSEL: NOAA R/V Oscar Dyson PROJECT & LEG: DY1105 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 TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
027	57 29 . 86 N	167 21 . 42 W	27 SEP 11	2008	6.373	11	11	339	23					71	00027

CTD TYPE & SN: PRESS SN 9+ S/N 0772 START DOWN: DATA ON: JD/TIME: DATA LOCATION: Tape/Diskette/DVD ID: File Name/Header: CTD003

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

PAR S/N 4603 PH S/N 180606 O2 S/N 0904 O2 on Primary**

FLUORO S/N 748 FLUORO S/N 141 IUS S/N 141 O2 S/N 0910 O2 S/N 0910

Trans S/N 1066PR Altimeter Cleaned air bleed valve

POS. TRIP DEPTH (m): 65

CTD CONVERTED MONITOR VALUES

SAMPLE BOTTLE NUMBER

POS.	TRIP DEPTH (m)	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (m)	APPROX. FLUORO LEVEL
1	65									54
2	50									55
3	40									56
4	30									57
5	20									58
6	10									59
7	0						425	136		60
8										
9										
10										
11										
12										

NAF
DIC

VESSEL **NOAA RV Oscar Dyson** PROJECT & LEG **DY1105** 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
028	57	30	111N	167	59	51	W	27	S	11	23	07	6.6	87	14			332	21			71	

CTD TYPE & SN **9+ S/N 0772** TIMES 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** AT SURFACE _____
 SEC TEMP SN **4C S/N 3127** AT SURFACE _____

DATA LOCATION
 Tape/Diskette/DVD ID **DY1105** File Name/Header **CTD028**

REMARKS

PAR S/N 4603 PH S/N 180606 O2 on Primary**
 FLUORO S/N 748 IUS S/N 141 O2 S/N 0904
 Trans S/N 1066PR Altimeter 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	NOTES
1	67						426	—		61	
2	50								288	62	
3	40								281	63	
4	30								281	64	
5	20								283	65	
6	10								283	66	
7	0								283	67	
8											
9											
10											
11											
12											

DIC