VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		13GPR-32A

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD=120 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	59	06.14 N	151	00.00 W	30	APR	13	16	47	3.5	71	16			060	14				153	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	GORE POINT
PRESS SN	9+ S/N 0772	START DOWN		DY1305	CTD 001	after dogl
PRI COND SN	4C S/N 2985	AT DEPTH				(inshore)
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					

on primary T/C

[X] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ sec [X] O2 S/N 0904 ~~(sec)~~ pri [ ] Cleaned air bleed valve

[X] ALTIMETER

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	153						44	45		
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		136PP-34A

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD=120 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
002	58	58.19 N	150	56.85 W	30	APR	13	18	36	3.9	75	15			099	11				150	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	GORE POINT
PRESS SN	9+ S/N 0772	START DOWN		DY1305	CTD 002	after dep
PRI COND SN	4C S/N 2985	AT DEPTH				sal spike (pri) 2112
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					

on primary T/C

[X] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ sec [X] O2 S/N 0904 ~~(sec)~~ pri [ ] Cleaned air bleed valve

[X] ALTIMETER

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	2							31		
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		13GPP-36A

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD=120 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	58	44.61	N	150	51.42	W	30	APR	13	20	51	4.6	78	14			134					176	

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		DY1305	CTD 003
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

GORE POINT (offshore)

MAX. DEPTH = 171 m

on primary T/C

[X] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ (sec) [X] O2 S/N 0904 ~~(sec)~~ (pri) [ ] Cleaned air bleed valve

[X] 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	172						.45	.43		
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		13KEP-41A

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD=121 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	59	01.39	N	151	54.74	W	01	MAY	13	0058		3.7	83	11			082	18				194	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	KENNEDY ENT (after dep.)
PRESS SN	9+ S/N 0772	START DOWN		DY1305	CTD 004	
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					

on primary T/C

[X] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ (sec) [X] O2 S/N 0904 (pri) (sec) [ ] Cleaned air bleed valve

[X] 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	2							48		
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		135 NP-39A

CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=121			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)	
005	58	46.32 N	152	15.06 W	01	MAY	13	03	56	4.0	78	09			104	17				122	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	STEVENSON ENT (after deepl)
PRESS SN	9+ S/N 0772	START DOWN		DY1305	CTD 005	
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					

on primary T/C

[X] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ (sec) [X] O2 S/N 0904 ~~(sec)~~ (pri) [ ] Cleaned air bleed valve

[X] 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	118						46	50		
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1305**		PAVLOF BAY

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
006	55	10.88	N	161	41.16	W	02	MAY	13	17	50	10.0	68.	09			013	20				102	

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		DY1305	CTD006	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 96 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

on primary T/C

[X] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 (~~pri~~ sec) [X] O2 S/N 0904 (~~sec~~ pri) [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	Nutes ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot					1088	-	.		
2	75					1089				
3	50					1090				
4	40	Niskin 41 Leaks				1091				
5	30					1092				
6	20					1093				
7	10					1094				
8	0					1095		. 42		
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1305**		

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
007	54	26.60	N	164	59.37	W	03	MAY	13	08	07	-.8	67.	19			354	20				56	

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
DY1305	CTD 007

REMARKS

MAX. DEPTH = 48 m

on primary T/C

[X] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ sec [X] O2 S/N 0904 ~~(sec)~~ pri [ ] **Cleaned air bleed valve**

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	~~PRI. SALINITY~~ DIC	~~SEC. SALINITY~~ Nutes	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot					1096	.47	.59	281	
2	40					1097			283	
3	30					1098			281	
4	—									
5	20					1099			283	
6	10					1100			282	
7	6					1101			286	
8										
9										
10										
11										
12										

UAF DIC

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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
008	54	25.17	N	165	08.96	W	03	may	13	09	37	-0.9	67.	19			350	24				142	

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
DY1305	CTD

REMARKS

MAX. DEPTH = 136 m

on primary T/C

[X] PAR S/N 4242
[X] ALTIMETER
[X] WETStar FLUORO S/N 868
[X] O2 S/N 0910 (~~pri~~ sec)
[X] O2 S/N 0904 (~~sec~~ pri)
[ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	~~SEC. SALINITY~~ Nutes	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot	136				1102				
2	100					1103				
3	75					1104				
4	50					1105			281	
5	40					1106			283	
6	30					1107			281	
7	20					1108			283	
8	10					1109			287	
9	0					1110			288	
10										
11										
12										

UAF DIC

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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
009	54	22.43	N	165	16.57	W	03	may	13	11	32	-1.6	66.	20			355	18				167	

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		DY1305	CTD	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 162 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

on primary T/C

[X] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ (sec) [X] O2 S/N 0904 ~~(sec)~~ (pri) [ ] Cleaned air bleed valve

[X] ALTIMETER

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	BOT	162				1111				
2	150					1112				
3	100					1113				
4	75					1114				
5	50					1115			281	
6	40					1116			283	
7	30					1117			281	
8	20					1118			283	
9	10					1119			287	
10	0					1120	48	54	288	
11										
12										

UAF DIC

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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
010	54	20.36	N	165	25.89	W	03	May	13	13	31	-1.7	68.	20			338	23				158	

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		DY1305	CTD	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 151 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

on primary T/C

[X] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 (~~pri~~ sec) [X] O2 S/N 0904 (~~sec~~ pri) [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY (Nut)	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	BOT	151				1121				
2	100					1122				
3	75					1123				
4	50					1124			281	
5	40					1125			283	
6	30					1126			281	
7	20					1127			283	
8	10					1128			287	
9	0					1129			288	
10										
11										
12										

UAF DIC

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1305**		

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	54	21.37	N	165	55.80	W	03	may	13	16	35	-2.0	62.	22			009	16				462	11

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
DY1305	CTD

REMARKS

MAX. DEPTH = 461 m

on primary T/C

[X] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ (sec) [X] O2 S/N 0904 ~~(sec)~~ (pri) [ ] **Cleaned air bleed valve**

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY (Nutrients)	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot					1130	360	60		
2	250					1131				
3	150					1132				
4	100					1133				
5	75					1134				
6	50					1135			281	
7	40					1136			283	
8	30					1137			281	
9	20					1138			283	
10	10					1139			287	
11	0					1140			288	
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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
012	54	28.22 N	166	02.26 W	03	May	13	18	53	-1.6	69.	23			001	16				539	

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		DY1305	CTD	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 538 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

on primary T/C

[X] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ (sec) [X] O2 S/N 0904 ~~(sec)~~ (pri) [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	Nutrients ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot	538				1141				
2	300					1142				
3	200					1143				
4	150					1144				
5	100					1145				
6	50					1146			281	
7	40					1147			283	
8	30					1148			281	
9	20					1149			283	
10	10					1150			287	
11	0					1151			288	
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1305**		

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	54	35.08 N	166	08.03 W	03	MAY	13	21	05	-1.9	66	24			009	14				411	

CTD		**TIMES**	JD/TIME	**DATA LOCATION**
TYPE & SN		DATA ON		Tape/Diskette/DVD ID: DY1305 — File Name/Header: CTD 013
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			

REMARKS

first 10 m may have had larger sensor-well soak & longer soak at cast

MAX. DEPTH = m

on primary T/C

[X] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ sec [X] O2 S/N 0904 ~~(sec)~~ pri [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	NUTRIENTS ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	402					1152				
2	300					1153				
3	200					1154				
4	150					1155				
5	100					1156				
6	50					1157			2.81	
7	40					1158			2.83	
8	30					1159			2.81	
9	20					1160			2.83	
10	10					1161	361	56	2.87	
11	0					1162			2.80	
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1305**		

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)	
014	54 41.13 N	166 14.88 W	03 MAY 13	2332	-1.4	67	24			002	14				295	

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		DY1305	CTD 014	
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					

on primary T/C

[X] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ (sec) [X] O2 S/N 0904 ~~(sec)~~ (pri) [ ] **Cleaned air bleed valve**

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES					SAMPLE BOTTLE NUMBER			
		PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	NUTS ~~SEC. SALINITY~~	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	289					1163				
2	200					1164				
3	150					1165				
4	100					1166				
5	75					1167				
6	50					1168			281	
7	40					1169			283	
8	30					1170			281	
9	20					1171			283	
10	10					1172			287	
11	0					1173			288	
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1305**		

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	54	45.00	N	166	03.45	W	04	MAY	13	02	47	-1.5	68	23			346	18				223	

CTD	**TIMES**	JD/TIME	**DATA LOCATION**	**REMARKS** ~~X~~ PAR CAT NOT REMOVED
TYPE & SN	DATA ON		Tape/Diskette/DVD ID	File Name/Header
PRESS SN 9+ S/N 0772	START DOWN		DY1305	CTD 015
PRI COND SN 4C S/N 2985	AT DEPTH			NO BONGO
PRI TEMP SN 3+ S/N 2376	AT SURFACE			UNIMAK PASS
SEC COND SN 4C S/N 3127				NORTH SIDE - W→E
SEC TEMP SN 3+ S/N 4379				MAX. DEPTH = m

on primary T/C

[X] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ (sec) [X] O2 S/N 0904 ~~(sec)~~ (pri) [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	NUTS ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	218					1174	362	58		
2	200					1175				
3	150					1176				
4	100					1177				
5	75					1178				
6	50					1179			281	
7	40					1180			283	
8	30					1181			281	
9	20					1182			283	
10	10					1183			287	
11	0					1184			288	
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1305**		

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	54	48.74	N	165	51.62	W	04	MAY	13	04	20	-1.5	68	24			003	16				164	

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
DY1305	CTD016

REMARKS

Sec O2 a little low
@ first 10m

MAX. DEPTH = m

on primary T/C

[X] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ sec [X] O2 S/N 0904 ~~(sec)~~ pri [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	NUTS ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	159					1185				
2	100					1186				
3	75					1187				
4	50					1188			281	
5	40					1189			283	
6	30					1190			281	
7	20					1191			283	
8	10					1192			287	
9	0					1193			288	
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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	54	52.22	N	165	40.30	W	04	MAY	13	06	10	-1.7	66	24			030	13				142	

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
DY1305	CTD017

REMARKS

MAX. DEPTH = m

on primary T/C

[X] PAR S/N 4242 [X] ALTIMETER [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 (~~pri~~ sec) [X] O2 S/N 0904 (~~sec~~ pri) [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	~~SEC. SALINITY~~ NUTS	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	137	LEAKED				1194				
2	100					1195				
3	75					1196				
4	50					1197			281	
5	40					1198			283	
6	30					1199			281	
7	20					1200			283	
8	10					1201			287	
9	0					1202	.363	.53	288	
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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	54	56.16	N	165	28.69	W	04	MAY	13	07	38	-2.1	70.0	24			348	17				125	

CTD	
TYPE & SN	
PRESS SN	9+ S/N 0772
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

TIMES	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1305	CTD 018

REMARKS

MAX. DEPTH = 122 m

on primary T/C

[X] PAR S/N 4242
[X] ALTIMETER
[X] WETStar FLUORO S/N 868
[X] O2 S/N 0910 ~~(pri)~~ sec
[X] O2 S/N 0904 ~~(sec)~~ pri
[ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	~~SEC. SALINITY~~ NUTS	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot	122				1203			281	
2	100					1204			283	
3	75					1205			281	
4	50					1206			283	
5	40					1207			287	
6	30					1208			288	
7	20					1209				
8	10					1210				
9	0					1211				
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1305**		

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	54	59.21	N	165	17.20	W	04	May	13	09	32	-2.3	70.0	24			006	12				117	

CTD	
TYPE & SN	
PRESS SN	9+ S/N 0772
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

TIMES	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1305	CTD

REMARKS

MAX. DEPTH = 111 m

on primary T/C

[X] PAR S/N 4242
[X] ALTIMETER
[X] WETStar FLUORO S/N 868
[X] O2 S/N 0910 ~~(pri)~~ sec
[X] O2 S/N 0904 ~~(sec)~~ pri
[ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	Nutrients ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot					1212	364	44		
2	100					1213				
3	75					1214				
4	50					1215			281	
5	40					1216			283	
6	30					1217			281	
7	20					1218			283	
8	10					1219			287	
9	0					1220			288	
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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
020	55	02.86 N	165	06.40 W	04	May	13	10	44	-2.5	70.	04			359	9				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
DY1305	CTD

REMARKS

2° O_2 bad for top ~25 m

MAX. DEPTH = 108 m

on primary T/C

[X] PAR S/N 4242 [X] ALTIMETER [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ sec [X] O2 S/N 0904 ~~(sec)~~ pri [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	Nutrients ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot	113				1221				
2	75					1222				
3	50					1223			281	
4	40					1224			283	
5	30					1225			281	
6	20					1226			283	
7	10					1227			287	
8	0					1228			288	
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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	54	56.12 N	164	59.63 W	04	may	13	13	01	-2.1	71.	24			341	16				92	

CTD	
TYPE & SN	
PRESS SN	9+ S/N 0772
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

TIMES	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1305	CTD

REMARKS

2° O_2 bad for top ~25 m

MAX. DEPTH = 87 m

on primary T/C

[X] PAR S/N 4242
[X] ALTIMETER
[X] WETStar FLUORO S/N 868
[X] O2 S/N 0910 ~~(pri)~~ sec
[X] O2 S/N 0904 ~~(sec)~~ pri
[ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	~~SEC. SALINITY~~ Nutrients	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot	87				1229				
2	75					1230				
3	50					1231			281	
4	40					1232			283	
5	30					1233			281	
6	20					1234			283	
7	10					1235			287	
8	0					1236	305	52	288	
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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	54	49.10	N	164	54.14	W	04	may	13	14	22	-2.0	72.	24			348	10				75	

CTD	
TYPE & SN	
PRESS SN	9+ S/N 0772
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

TIMES	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1305	CTD

REMARKS

MAX. DEPTH = 69 m

on primary T/C

[X] PAR S/N 4242
[X] ALTIMETER
[X] WETStar FLUORO S/N 868
[X] O2 S/N 0910 ~~(pri)~~ sec
[X] O2 S/N 0904 ~~(sec)~~ pri
[ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	Nutrients ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot	69				1237		.47		
2	50					1238			281	
3	40					1239			283	
4	30					1240			281	
5	20					1241			283	
6	10					1242			287	
7	0					1243			288	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V Oscar Dyson		DY1305		

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	54	42.96	N	164	47.45	W	04	may	13	15	57	-2.3	69.	27			067	09				48	

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
DY1305	CTD

REMARKS

MAX. DEPTH = 43 m

on primary T/C

- [X] PAR S/N 4242
- [X] ALTIMETER
- [X] WETStar FLUORO S/N 868
- [X] O2 S/N 0910 ~~(pri)~~ sec
- [X] O2 S/N 0904 ~~(sec)~~ pri
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	Nutrients ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot					1244	366			
2	30					1245				
3	20					1246				
4	10					1247				
5	0					1248		39, 51		
6										
7										
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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
024	56	40.01 N	163	52.05 W	05	May	13	07	58	-2.9	72.	27			252	04				76	

CTD	
TYPE & SN	
PRESS SN	9+ S/N 0772
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

TIMES	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1305	CTD

REMARKS

Bottom?
offset 1°-2° Sal
0.06

MAX. DEPTH = 73 m

on primary T/C

[X] PAR S/N 4242
[X] ALTIMETER
[X] WETStar FLUORO S/N 868
[X] O2 S/N 0910 ~~sec~~ (pri)
[X] O2 S/N 0904 ~~pri~~ (sec)
[ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	Nutrients ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	BOT	73				1249				
2	50					1250		68	281	
3	40					1251			283	
4	30					1252			281	
5	20					1253			283	
6	10					1254			287	
7	0					1255			288	
8										
9										
10										
11										
12										

Niskin 1, bottom cap did not close — No sample

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V Oscar Dyson		DY1305		MA E

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
025	56	56.52	N	163	49.81	W	05	may	13	10	14	-3.0	70.	28			318	07				70	

CTD	
TYPE & SN	
PRESS SN	9+ S/N 0772
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

TIMES	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1305	CTD

REMARKS

1°-2° Salinity have ~0.04 diff.

MAX. DEPTH = 63 m

on primary T/C

[X] PAR S/N 4242
[X] ALTIMETER
[X] WETStar FLUORO S/N 868
[X] O2 S/N 0910 ~~(pri)~~ sec
[X] O2 S/N 0904 ~~(sec)~~ pri
[ ] 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	ROT	63				Nutrients 1256				
2	50					1257			281	
3	40					1258			283	
4	30					1259			281	
5	20					1260			283	
6	10					1261			287	
7	0					1262	367	411	288	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V Oscar Dyson		DY1305		M2M

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	01.11	N	164	12.61	W	05	may	13	12	10	-3.4	71.0	27			260	05				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
DY1305	CTD

REMARKS

MAX. DEPTH = 67 m

[X] PAR S/N 4242 [X] ALTIMETER

on primary T/C

[X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ sec [X] O2 S/N 0904 ~~(sec)~~ pri [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	Nutrients SEC. SALINITY	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot	67				1263		117		
2	50					1264			2561	
3	40					1265			2553	
4	30					1266			2561	
5	20					1267			2553	
6	10					1268			2557	
7	0					1269			2588	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V Oscar Dyson		DY1305		

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	56	52.14	N	164	02.57	W	05	May	13	14	22	-3.2	72.0	27			326	01				73	

CTD	
TYPE & SN	
PRESS SN	9+ S/N 0772
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

TIMES	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1305	CTD

REMARKS: M2 Recovery CTD

MAX. DEPTH = 67 m

on primary T/C

[X] PAR S/N 4242
[X] ALTIMETER
[X] WETStar FLUORO S/N 868
[X] O2 S/N 0910 ~~(pri)~~ sec
[X] O2 S/N 0904 ~~(sec)~~ pri
[ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	PMEL ~~SEC. TEMP.~~	UAF Nuts PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot			1270	36.8					
2	62									
3	62			1271						
4	62									
5	50			1272						
6	40			1273					245	
7	33								281	
8	33								283	
9	33								281	
10	30			1274					283	
11	20			1275					287	
12									286	

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1305**		

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	56	52.14	N	164	02.56	W	05	May	13	14	59	-3.2	72.	26			208	01				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
DY1305	CTD

REMARKS

M2 Recovery CTD

MAX. DEPTH = 13 m

on primary T/C

[X] PAR S/N 4242 [X] ALTIMETER [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ sec [X] O2 S/N 0904 ~~(sec)~~ pri [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	~~SEC. TEMP.~~ FL Nutrients	PRI. SALINITY UAF Nuts	SEC. SALINITY	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	13.5									
2	13.5									
3	13.5									
4	11									
5	11			1276					281	
6	11								283	
7	0								287	
8	0			1272				-21	288	
9	0									
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		13BSM-2A

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD=126 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	56	52.10 N	164	03.00 W	05	MAY	13	00	14	-0.56	75	26			180	07				73	

CTD	
TYPE & SN	
PRESS SN	9+ S/N 0772
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

TIMES	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1305	CTD 029

REMARKS

CTD after deployed at 13BSM-2A & 13BSP-2A

MAX. DEPTH = m

on primary T/C

[X] PAR S/N 4242
[X] ALTIMETER
[X] WETStar FLUORO S/N 868
[X] O2 S/N 0910 ~~(pri)~~ sec
[X] O2 S/N 0904 ~~(sec)~~ pri
[ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY (UAF NUTS)	SEC. SALINITY (UAF DIC)	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	69									
2	62									
3	62							76		
4	62							79		
5	50							82		
6	40									
7	30									
8	24c									
9	24b		LEAKER							
10	24a									
11							369			
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		KBSM-2A

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	56	52.10 N	164	03.00 W	06	May	13	00	46	-0.3	75	26			172	07				73	

CTD	
TYPE & SN	
PRESS SN	9+ S/N 0772
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

TIMES	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1305	CTD 030

REMARKS

MAX. DEPTH = m

on primary T/C

[X] PAR S/N 4242 [X] ALTIMETER [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~sec~~ (pri) [X] O2 S/N 0904 ~~pri~~ (sec) [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	UAF NUTS PRI. SALINITY	UAF DIC SEC. SALINITY	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	20	50							281	
2	12.5c	40							283	
3	12.5b	30							281	
4	12.5a	20							283	
5	10	10							287	
6	0	2							288	
7	0							62		
8	0							77		
9								66		
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V Oscar Dyson		DY1305		SITE 2 BOX - WEST

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD=126 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	56	45.91	N	164	19.92	W	06	MAY	13	02	14	0.5	77	25			164	07				75	

CTD	
TYPE & SN	
PRESS SN	9+ S/N 0772
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

TIMES	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1305	CTD 031

REMARKS

SWITCHED TO SMALLER CHLOROPHYLL BOTTLES WEST STA-SITE 2 BOX

MAX. DEPTH = m

on primary T/C

[X] NO PAR S/N 4242

[X] ALTIMETER

[X] WETStar FLUORO S/N 868

[X] O2 S/N 0910 ~~(pri)~~ sec

[X] O2 S/N 0904 ~~(sec)~~ pri

[ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	NUTS ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	71					1278	370			
2	50					1279			139	
3	40					1280			138	
4	30					1281			138	
5	20					1282			139	
6	10					1283			139	
7	0					1284			139	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		32

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
032	57	51.60	N	168	52.73	W	06	may	13	18	54	+0.5	98.	22			196	06				72	

CTD	
TYPE & SN	
PRESS SN	9+ S/N 0772
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

TIMES	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1305	CTD

REMARKS

50 m chl sample taken w/2 small bottles
139 + 139 = 278
MAX. DEPTH = 65 m

[ ] PAR S/N 4242 [X] ALTIMETER

on primary T/C

[X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 sec ~~(pri)~~ [X] O2 S/N 0904 pri ~~(sec)~~ [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	Nutrients ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot									
2	50					1285				
3	40					1286			*278	
4	31					1287			282	
5	31								277	
6	31					1288			283	
7	20								285	
8	13					1289			281	
9	13								283	
10	13								281	
11	10								283	
12	0					1290			287	
						1291		99	288	

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD=123 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	57	52.20	N	168	52.97	W	07	MAY	13	0051		-0.2	96	23			178	09				73	

CTD	
TYPE & SN	
PRESS SN	9+ S/N 0772
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

TIMES	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION

Tape/Diskette/DVD ID	File Name/Header
DY1305	CTD033

REMARKS

MAX. DEPTH = m

[ ] PAR S/N 4242 (**on primary T/C**)

[X] ALTIMETER

[X] WETStar FLUORO S/N 868

[X] O2 S/N 0910 ~~(pri)~~ sec

[X] O2 S/N 0904 ~~(sec)~~ pri

[ ] 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	Bot+3									
2	50									
3	40								139, 139	
4	30								282	
5	20								277	
6	10						371		283, 285, 287	
7	0								283, 283, 281	
8									288	
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD=123 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	57	55.67 N	169	18.93 W	07	MAY	13	03	10	-0.2	93	23			162	06				68	

CTD	
TYPE & SN	
PRESS SN	9+ S/N 0772
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

TIMES	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1305	CTD 034

REMARKS

site 4 - NW corner

MAX. DEPTH = m

on primary T/C

[ ] PAR S/N 4242
[X] ALTIMETER
[X] WETStar FLUORO S/N 868
[X] O2 S/N 0910 ~~(pri)~~ sec
[X] O2 S/N 0904 ~~(sec)~~ pri
[ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	NUTS ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	63					1292		71		
2	50					1293			.281	
3	40					1294			.283	
4	30					1295			.281	
5	20					1296			.283	
6	10					1297			.287	
7	0					1298			.288	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1305**		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD=127 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	03.93	N	168	44.02	W	07	MAY	13	05	38	-0.9	91	23			175	07				71	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	NE corner of box @ sta 4
PRESS SN	9+ S/N 0772	START DOWN		DY1305	CTD035	
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					

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ (sec) [X] O2 S/N 0904 (pri) ~~(sec)~~ [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES					SAMPLE BOTTLE NUMBER			
		PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	NUTS ~~SEC. SALINITY~~	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	67					1299	372			
2	50					1300			281	
3	40					1301			283	
4	30					1302			281	
5	20					1303			283	
6	10					1304			281	
7	0					1305			288	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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	45.98	N	168	28.04	W	07	MAY	13	08	04	-1.2	89.	24			122	06				71	M4SE

CTD	
TYPE & SN	
PRESS SN	9+ S/N 0772
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

TIMES	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1305	CTD

REMARKS

MAX. DEPTH = 66 m

[X] PAR S/N 4242
[X] ALTIMETER

on primary T/C

[X] WETStar FLUORO S/N 868
[X] O2 S/N 0910 ~~sec~~ (pri)
[X] O2 S/N 0904 ~~pri~~ (sec)
[ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	NUTS ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot	66				1306				
2	50					1307			281	
3	40					1308			283	
4	30					1309			281	
5	20					1310			283	
6	10					1311			287	
7	0					1312		70	288	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V Oscar Dyson		DY1305		M4 SW 37

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
037	57	39.54	N	169	01.54	W	07	may	13	1026		-1.2	88.0	24			006					70	

CTD	
TYPE & SN	
PRESS SN	9+ S/N 0772
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

TIMES	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION	
Tape/Diskette/DVD ID	File Name/Header
DY1305	CTD

REMARKS

MAX. DEPTH = 66 m

[ ] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ sec [X] O2 S/N 0904 ~~(sec)~~ pri [ ] Cleaned air bleed valve

[X] ALTIMETER

on primary T/C

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	~~SEC. SALINITY~~ Nutrients	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot	66				1313				
2	50					1314			281	
3	40					1315			283	
4	30					1316			281	
5	20					1317			283	
6	10					1318			287	
7	0					1319	373		288	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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	51.76	N	168	53.51	W	07	may	13	18	45	-1.7	90.	26			107	08				72	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	Redo of Site 4 post deployment CTD w/ Triplicates
PRESS SN	9+ S/N 0772	START DOWN		DY1305	CTD	
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					

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ (sec) [X] O2 S/N 0904 ~~(sec)~~ (pri) [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	Nutrients ~~PRI. SALINITY~~	UAF DIC ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot				x 1320		∘ 374	∘ 88		
2	50				x 1321				278*	
3	40				x 1322				277	
4	30				x 1323				282	
5	24								283	
6	24				x 1324				285	
7	24								281	
8	20				x 1325				283	
9	11.5								281	
10	11.5				x 1326				283	
11	11.5								287	
12	0				x 1327				288	

Temp very odd but the ship is not rolling

*) 2 sml. bottles: 139+139 = 278ml

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD=137 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	31.53 N	168	36.99 W	07	MAY	13	21	39	-0.9	81	26			089	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
DY1305	CTD

REMARKS

SILICONE SPRAY ON O-RING PRIOR TO CAST (AND 3 DAYS PRIOR TO THIS)

MAX. DEPTH = m

on primary T/C

- [ ] PAR S/N 4242
- [X] ALTIMETER
- [X] WETStar FLUORO S/N 868
- [X] O2 S/N 0910 ~~(pri)~~ SEC
- [X] O2 S/N 0904 ~~(sec)~~ PS
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	NUTS ~~PRI. SALINITY~~	UAF DIC ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	68				1328	X				
2	50				1329	X			139	
3	40				1330	X			138	
4	30				1331	X			138	
5	20				1332	X			139	
6	10				1333	X	375		139	
7	0				1334	X		83	139	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD=127 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	31.33 N	168	18.25 W	07	MAY	13	23	16	-0.9	79	216			065	10				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
DY1305	CTD 040

REMARKS

MAX. DEPTH = m

on primary T/C

[ ] PAR S/N 4242
[X] ALTIMETER
[X] WETStar FLUORO S/N 868
[X] O2 S/N 0910 ~~(pri)~~ SBE
[X] O2 S/N 0904 ~~(sec)~~ PS
[ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	~~PRI. SALINITY~~ NUTS	~~SEC. SALINITY~~ UAF DIC	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	68				1335	•		• 82		
2	50				1336	•			139	
3	40				1337	•			138	
4	30				1338	•			138	
5	20				1339	•			139	
6	10				1340	•			139	
7	0				1341	•			139	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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	30.13 N	167	59.27 W	08	MAY	13	00	39	-0.6	85	26			038	11				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		DY1305	CTD 041	
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					

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ sec [X] O2 S/N 0904 ~~(sec)~~ pri [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	NUTS ~~PRI. SALINITY~~	SEC. SALINITY	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	68				1342		376			
2	50				1343				1.39	
3	40				1344				1.38	
4	30				1345				1.38	
5	20				1346				1.39	
6	10				1347				1.39	
7	0				1348			77	1.39	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= 128 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	30.25	N	167	39.87	W	08	May	13	02	18	-0.7	84	26			060	13				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		DY1305	CTD 042	
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					

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ SEC [X] O2 S/N 0904 ~~(sec)~~ PRI [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	~~PRI. SALINITY~~ NUTS	SEC. SALINITY DIC	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	68				1349	.		30		
2	50				1350	.			281	
3	40				1351	.			283	
4	30				1352	.			281	
5	20				1353	.			139	
6	10				1354	.			139	
7	0				1355	.			288	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1305**		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD=128 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	29.88 N	167	20.91 W	08	MAY	13	03	39	-0.8	75	26			074	14				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
DY1305	CTD 043

REMARKS

MAX. DEPTH = m

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ sec [X] O2 S/N 0904 ~~(sec)~~ pri [ ] **Cleaned air bleed valve**

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	~~PRI. SALINITY~~ NUTS	SEC. SALINITY	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	68				1356					
2	50				1357				139	
3	40				1358				138	
4	30				1359				138	
5	20				1360				139	
6	10				1361		3372		139	
7	0				1362			21	139	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1305**		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD=128 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	31.28 N	167	02.59 W	08	MAY	13	05	10	-1.2	83	26			062	14				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
DY1305	CTD 044

REMARKS

MAX. DEPTH = m

on primary T/C

[ ] PAR S/N 4242
[X] ALTIMETER
[X] WETStar FLUORO S/N 868
[X] O2 S/N 0910 ~~(pri)~~ SBE
[X] O2 S/N 0904 ~~(sec)~~ PM
[ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	~~PRI. SALINITY~~ NUTS	SEC. SALINITY UAF DIC	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	68				1363	X		68		
2	50				1364	X			139	
3	40				1365	X			138	
4	30				1366	X			138	
5	20				1367	X			139	
6	10				1368	X			139	
7	0				1369	X			139	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1305**		

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
045	57	25.61	N	166	49.10	W	08	MAY	13	0624		-1.3	76	26			062	14				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		DY1305	CTD 045	
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					

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ sec [X] O2 S/N 0904 ~~(sec)~~ pri [ ] **Cleaned air bleed valve**

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	NUTS ~~PRI. SALINITY~~	SEC. SALINITY	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	67				1370		378			
2	50				1371				281	
3	40				1372				283	
4	30				1373				281	
5	20				1374				283	
6	10				1375				287	
7	0				1376			76	288	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1305**		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD=128 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	26.21 N	166	30.92 W	08	MAY	13	07	57	-1.5	80.	26			166	15				69	

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
DY1305	CTD 046

REMARKS

MAX. DEPTH = 64 m

on primary T/C

[ ] PAR S/N 4242 — [X] WETStar FLUORO S/N 868 — [X] O2 S/N 0910 ~~(pri)~~ SEC — [X] O2 S/N 0904 ~~(sec)~~ PRI — [ ] **Cleaned air bleed valve**

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	NUTS ~~PRI. SALINITY~~	DIC ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot	64			13777	.		.99		
2	50				13778	.			281	
3	40				13779	.			283	
4	30				13780	.			281	
5	20				13781	.			283	
6	10				13782	.			283	
7	0				13783	.			288	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1305**		

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
007	57	19.27 N	166	19.69 W	08	May	13	09	07	-1.7	78.	26			142	15				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		DY1305	CTD	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 64 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ SEC [X] O2 S/N 0904 ~~(sec)~~ PS [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	Nutrients ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot	64				1384		71		
2	50					1385			281	
3	40					1386			283	
4	30					1387			281	
5	20					1388			283	
6	10					1389	379		287	
7	0					1390		71	288	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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	19.24	N	166	00.78	W	08	04	13	10	43	-1.7	81.	26			057	15				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		DY1305	CTD	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 64 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ SEC [X] O2 S/N 0904 ~~(sec)~~ PRI [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	DIC ~~PRI. SALINITY~~	Nutrients ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot	64				1391		66		
2	50					1392			281	
3	32	caps								
4	40					1394			283	
5	30					1395			281	
6	20					1396			283	
7	10					1397			287	
8	0					1393			288	
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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	15.71	N	165	45.30	W	08	may	13	11	58	-1.5	82.	26			022	15				70	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	83 m
PRESS SN	9+ S/N 0772	START DOWN		DY1305	CTD	Winch went wrong
PRI COND SN	4C S/N 2985	AT DEPTH				way on start up for
PRI TEMP SN	3+ S/N 2376	AT SURFACE				bottom, CTD on bottom
SEC COND SN	4C S/N 3127					MAX. DEPTH = 65 m
SEC TEMP SN	3+ S/N 4379					

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ sec [X] O2 S/N 0904 ~~(sec)~~ pri [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	Nutrients ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot	65				1398	380			
2	50					1399			281	
3	40					1400			283	
4	30					1401			281	
5	20					1402			283	
6	10					1403			287	
7	0					1404		79	288	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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
050	57	06.44	N	165	36.72	W	08	may	13	13	39	-1.6	84.	25			030	16				72	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	File Name/Header	2° O_2 screwed up!
PRESS SN	9+ S/N 0772	START DOWN		DY1305	CTD	2° channels screwed
PRI COND SN	4C S/N 2985	AT DEPTH				1° Sal @ bottom
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 64 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

on primary T/C

[ ] ~~PAR~~ S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ Sal [X] O2 S/N 0904 ~~(sec)~~ P3 [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	~~PRI. SALINITY~~ DIC	~~SEC. SALINITY~~ Nutrients	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot					1405		62		
2	50					1406			281	
3	40					1407			283	
4	30					1408			281	
5	20					1409			283	
6	10					1410			287	
7	0					1411			288	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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	56	59.53	N	165	22.89	W	08	may	13	15	05	-1.7	82.	25			020	13				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		DY1305	CTD	
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					

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ SOL [X] O2 S/N 0904 ~~(sec)~~ PS [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	Nutrients ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot	66				1412				
2	50					1413			281	
3	40					1414			253	
4	30					1415			281	
5	20					1416			283	
6	10					1417			287	
7	0					1418	381	.84	288	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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	56	51.62	N	165	07.38	W	01	may	13	17	08	-2.0	85.	24			021	16				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		DY1305	CTD	
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					

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ SOL [X] O2 S/N 0904 ~~(sec)~~ PRI [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	Nutrients ~~PRI. SALINITY~~	UAF DIC SEC. SALINITY	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot	69			1419	x	382	.80		
2	50				1420	x			281	
3	40				1421	x			283	
4	30				1422	x			281	
5	20				1423	x			283	
6	10				1424	x			287	
7	0				1425	x			288	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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
053	56	54.38	N	164	49.96	W	08	May	13	18	32	-2.0	93.	24			046	19				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		DY1305	CTD	
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					

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ sec [X] O2 S/N 0904 ~~(sec)~~ pri [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	Nutrients ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot	65				1426				
2	50					1427			281	
3	40					1428			283	
4	30					1429			281	
5	20					1430			283	
6	10					1431			287	
7	0					1432		97	288	
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1305**		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD=128 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	56	45.91 N	164	20.32 W	08	MAY	13	21	09	-0.2	92	23			018	18				74	

CTD	TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN	DATA ON		Tape/Diskette/DVD ID	File Name/Header	BEGINNING OF
PRESS SN 9+ S/N 0772	START DOWN		DY1305	CTD 054	DOG LEG- E → W
PRI COND SN 4C S/N 2985	AT DEPTH			★ CTDTEST.HEX	
PRI TEMP SN 3+ S/N 2376	AT SURFACE			FOR SURFACE BTL	MAX. DEPTH = m
SEC COND SN 4C S/N 3127				Changed to CTD054A.HEX	
SEC TEMP SN 3+ S/N 4379					

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ Sec [X] O2 S/N 0904 ~~(sec)~~ Pri [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY (DIC)	SEC. SALINITY (Nutrients)	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot.				X	1433		74		
2	50				X	1434				
3	40				X	1435				
4	30				X	1436				
5	20				X	1437				
6	16				X	1438				
7	0									
8	0	←			X	1439				
9										
10										
11										
12										

Changed from CTDTEST.HEX to CTD054A.HEX

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD=128 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	56	41.10	N	164	35.25	W	08	MAY	13	22	22	0.0	90	23			014	19				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		DY1305	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					

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ SBE [X] O2 S/N 0904 ~~(sec)~~ PRI [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	NUTS ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	71					1440				
2	50					1441				
3	40					1442				
4	30					1443				
5	20					1444				
6	10					1445	39.3			
7	0					1446		.87		
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= 129 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	56	30.72	N	164	59.97	W	09	MAY	13	00	15	0.2	90	22			017	17				80	

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		DY1305	CTD056	
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					

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ SEC [X] O2 S/N 0904 ~~(sec)~~ PRI [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	~~PRI. SALINITY~~ DIC	~~SEC. SALINITY~~ NUTS	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	36				X	1447		.69		
2	50				X	1448				
3	40				X	1449				
4	30				X	1450				
5	20				X	1451				
6	10				X	1452				
7	0				X	1453				
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1305**		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD=129 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	23.70	N	165	22.87	W	09	MAY	13	01	57	0.5	89	22			025	20				87	

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		DY1305	CTD057	
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					

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ sec [X] O2 S/N 0904 ~~(sec)~~ pri [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	NUTS ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	82					1457	384			
2	50					1458				
3	40					1459				
4	30					1460				
5	20					1461				
6	10					1462	Same	nut # last Niskin		
7	0					1462	bottles as	did not.		
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD=129 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	16.46 N	165	46.35 W	09	MAY	13	03	47	0.6	90	21			033	22				94	

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
DY1305	CTD058

REMARKS

MAX. DEPTH = m

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUORO S/N 868 [X] O2 S/N 0910 ~~(pri)~~ SEC [X] O2 S/N 0904 ~~(sec)~~ PRI [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	DIC / ~~PRI. SALINITY~~	NUTS / ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL. (ml)	APPROX. FLUORO LEVEL
1	89				X	14663				
2	50				X	14664				
3	40				X	14665				
4	30				X	14666				
5	20				X	14667				
6	10				X	14668				
7	0				X	14669		96		
8										
9										
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD=129 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	02.80	N	166	20.26	W	09	MAY	13	0629		1.0	91	21			040	24				122	

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
DY1305	CTD 059

REMARKS

MAX. DEPTH = m

on primary T/C

[ ] PAR S/N 4242
[X] ALTIMETER
[X] WETStar FLUORO S/N 868
[X] O2 S/N 0910 ~~(pri)~~ SA
[X] O2 S/N 0904 ~~(sec)~~ PS
[ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES					SAMPLE BOTTLE NUMBER			
		PRESSURE	PRI. TEMP.	SEC. TEMP.	~~PRI. SALINITY~~ DIC	~~SEC. SALINITY~~ NUTS	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	117				•	1430				
2	100				•	1431				
3	75				•	1432				
4	50				•	1433				
5	40				•	1434				
6	30				•	1435				
7	20				•	1436				
8	10				•	1437	• 385			
9	0				•	1438				
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1305**		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD=129 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	55	53.96 N	166	54.31 W	09	MAY	13	08	53	1.3	90.0	22			019	24				134	

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		DY1305	CTD 060	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 127 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUOR S/N 868 [X] O2 S/N 0910 (sec) [X] O2 S/N 0904 (pri) [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	~~PRI. SALINITY~~ DIC	~~SEC. SALINITY~~ NUTS	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot	127				1479		45		
2	100					1480				
3	75					1481				
4	50					1482				
5	40					1483				
6	30					1484				
7	20					1485				
8	10					1486				
9	0					1487				
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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
061	55	45.89	N	167	10.12	W	09	may	13	1040		1.3	90.	22			021	24				136	

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		DY1305	CTD	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 123 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUOR S/N 868 [X] O2 S/N 0910 (sec) [X] O2 S/N 0904 (pri) [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	DIC ~~PRI. SALINITY~~	Nutrients ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot	123			.	1488	0386			
2	100				.	1489				
3	75				.	1490				
4	50				.	1491				
5	40				.	1492				
6	30				.	1493				
7	20				.	1494				
8	10				.	1495				
9	0				.	1496				
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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	55	38.94	N	167	30.67	W	09	May	13	12	38	1.7	89.	21			020	23				137	

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		DY1305	CTD	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 124 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUOR S/N 868 [X] O2 S/N 0910 (sec) [X] O2 S/N 0904 (pri) [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES					SAMPLE BOTTLE NUMBER			
		PRESSURE	PRI. TEMP.	SEC. TEMP.	UAF DSL PRI. SALINITY	Nutrients ~~SEC. SALINITY~~	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot	124			X	1497				
2	100				X	1498				
3	75				X	1499				
4	50				X	1500				
5	40				X	1501				
6	30				X	1502				
7	20				X	1503				
8	10				X	1504				
9	0				X	1505		.31		
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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	55	33.14	N	167	45.52	W	09	may	13	14	20	1.9	85.	21			025	24				138	

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		DY1305	CTD	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 127 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUOR S/N 868 [X] O2 S/N 0910 (sec) [X] O2 S/N 0904 (pri) [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY (DIC)	SEC. SALINITY (Nutrients)	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot	127				1506				
2	100					1507				
3	75					1508				
4	50					1509		1/0		
5	40					1510		0		
6	30					1511		1/2		
7	20					1512				
8	10					1513	.387			
9	0					1514				
10										
11										
12										

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1305**		

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
064	55	25.70	N	168	04.27	W	09	may	13	16	21	2.3	83.	22			012	25				215	

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		DY1305	CTD	
PRI COND SN	4C S/N 2985	AT DEPTH				
PRI TEMP SN	3+ S/N 2376	AT SURFACE				MAX. DEPTH = 206 m
SEC COND SN	4C S/N 3127					
SEC TEMP SN	3+ S/N 4379					

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUOR S/N 868 [X] O2 S/N 0910 (sec) [X] O2 S/N 0904 (pri) [ ] **Cleaned air bleed valve**

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES					SAMPLE BOTTLE NUMBER			
		PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY (DIC)	~~SEC. SALINITY~~ (Nutrients)	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot					1515		43		
2	150					1516				
3	100					1517				
4	75					1518				
5	50					1519				
6	40					1520				
7	30					1521				
8	20					1522				
9	10					1523				
10	0					1524				
11										
12										

525

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1305**		

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
065	55	22.41	N	168	10.33	W	09	may	13	17	38	2.5	82.1	22			016	23				491	

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
DY1305	CTD

REMARKS

MAX. DEPTH = 480 m

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUOR S/N 868 [X] O2 S/N 0910 (sec) [X] O2 S/N 0904 (pri) [ ] **Cleaned air bleed valve**

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY (DIC)	SEC. SALINITY (Nutrients)	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot				X	1525	•388			
2	400				X	1526				
3	300				X	1527				
4	200				X	1528				
5	150				X	1529				
6	100				X	1530				
7	50				X	1531				
8	40				X	1532				
9	30				X	1533				
10	20				X	1534				
11	10				X	1535		•50		
12	0				X	1536				

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1305**		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE 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	55	21.31	N	168	12.95	W	09	MAY	13	19	53	2.8	81	23			019	24				980	

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		DY1305	CTD066	
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					

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUOR S/N 868 [X] O2 S/N 0910 (sec) [X] O2 S/N 0904 (pri) [ ] **Cleaned air bleed valve**

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY (Nutrients)	SEC. SALINITY (DIC uAF)	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot 980				1537	X		48		
2	750				1538	X				
3	500				1539	X				
4	300				1540	X				
5	150				1541	X				
6	100				1542	X				
7	50				1543	X				
8	40				1544	X				
9	30				1545	X				
10	20				1546	X				
11	10				1547	X				
12	0				1548	X				

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1305**		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD=129 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	07.04	N	168	30.32	W	09	MAY	13	22	56	3.1	79	24			029	20				1730	

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
DY1305	CTD 067

REMARKS

SEC OXYGEN LOOKS FLAKY FOR 1ST 250 M

MAX. DEPTH = m

on primary T/C

- [ ] PAR S/N 4242
- [X] ALTIMETER
- [X] WETStar FLUOR S/N 868
- [X] O2 S/N 0910 (sec)
- [X] O2 S/N 0904 (pri)
- [ ] **Cleaned air bleed valve**

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	~~PRI. SALINITY~~ DIC	~~SEC. SALINITY~~ NUTS	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	1501					1549	389	54		
2	1000					1550		56		
3	750					1551				
4	500					1552		59		
5	150					1553		60		
6	100					1554				
7	50					1555				
8	45					1556				
9	30					1557				
10	20					1558				
11	10					1559				
12	0					1560				

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1305**		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD=129 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	58.15 N	168	45.68 W	10	MAY	13	01	36	2.8	80	24			013	21				2005	

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
DY1305	CTD 068

REMARKS

NO SAMPLE @ 30m

MAX. DEPTH = m

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUOR S/N 868 [X] O2 S/N 0910 (sec) [X] O2 S/N 0904 (pri) [ ] **Cleaned air bleed valve**

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	~~PRI. SALINITY~~ DIC	~~SEC. SALINITY~~ NUTS	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	1503				.	1561		42		
2	1000				.	1562				
3	750				.	1563				
4	500				.	1564				
5	150				.	1565		47		
6	100				.	1566				
7	50				.	1567				
8	~~40~~				.	1568				
9	~~20~~				.	1569				
10	10				.	1570				
11	0				.	1571				
12						1572 - NO	SAMPLE			

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		**DY1305**		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD=129 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	40.08	N	169	11.97	W	10	MAY	13	05	23	2.8	80	25			033	19				1691	

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		DY1305	CTD 069	
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					

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUOR S/N 868 [X] O2 S/N 0910 (sec) [X] O2 S/N 0904 (pri) [ ] **Cleaned air bleed valve**

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES					SAMPLE BOTTLE NUMBER			
		PRESSURE	PRI. TEMP.	SEC. TEMP.	~~PRI. SALINITY~~ JC	~~SEC. SALINITY~~ NUTS	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	1503				•	1573				
2	1000				•	1574	390			
3	750				•	1575				
4	500				•	1576		52,53		
5	150				•	1577				
6	100				•	1578				
7	50				•	1579				
8	40				•	1580				
9	30				•	1581				
10	20				•	1582				
11	10				•	1583				
12	0				•	1584		44		

3:
40/500
120/300
280

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= 120 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
0710	54	19.99	N	169	50.18	W	10	MAY	13	09	50	2.3	83.	27			026	19				1185	

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
DY1305	CTD

REMARKS

2° O2 went bad @ 80m on way up

MAX. DEPTH = 1497 m

on primary T/C

[ ] PAR S/N 4242
[X] ALTIMETER
[X] WETStar FLUOR S/N 868
[X] O2 S/N 0910 (sec)
[X] O2 S/N 0904 (pri)
[ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES					SAMPLE BOTTLE NUMBER			
		PRESSURE	PRI. TEMP.	SEC. TEMP.	~~PRI. SALINITY~~ DIC	~~SEC. SALINITY~~ NUTS	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	1500	1497				1585		58		
2	1000					1586				
3	750					1587				
4	500					1588		51		
5	150					1589				
6	100					1590				
7	50					1591				
8	40					1592				
9	30					1593				
10	20					1594				
11	10					1595				
12	0					1596				

17 1516
36

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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
071	54	02.08 N	169	34.17 W	10	May	13	13	16	2.3	84.	28			012	15				1801	

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
DY1305	CTD

REMARKS

Winch operator went down to fast before 200m

MAX. DEPTH = 1501 m

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUOR S/N 868 [X] O2 S/N 0910 (sec) [X] O2 S/N 0904 (pri) [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY (DIC)	SEC. SALINITY (Nutrients)	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	1500	1501			0	1597		• 99		
2	1000				0	1598				
3	750				•	1599		• 41		
4	500				•	1600				
5	150				0	1601				
6	100				0	1602				
7	50				0	1603				
8	40				0	1604				
9	30				•	1605				
10	20				0	1606				
11	10				0	1607	• 391			
12	6				•	1608		• 117		

1600

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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
072	53	46.99	N	169	15.99	W	10	may	13	1640		2.8	80.	28			012	26				1535	

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
DY1305	CTD

REMARKS: 2° O_2 flighty for first 15m, then OK
Altimeter not working

MAX. DEPTH = 1578 m

on primary T/C

[ ] PAR S/N 4242
[X] ALTIMETER
[X] WETStar FLUOR S/N 868
[X] O2 S/N 0910 (sec)
[X] O2 S/N 0904 (pri)
[ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	DIC ~~PRI. SALINITY~~	Nutrients ~~SEC. SALINITY~~	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	Bot	1518				1609				
2	1000					1610				
3	750					1611				
4	500					1612				
5	150					1613				
6	100					1614				
7	50					1615				
8	40					1616				
9	30					1617				
10	20					1618				
11	10					1619				
12	0					1620				

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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
073	53	35.97 N	169	04.00 W	10	May	13	19	27	3.1	80	28			041	16				1816	

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
DY1305	CTD 073

REMARKS

Sec O2 bad ~150m during upcast

MAX. DEPTH = m

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUOR S/N 868 [X] O2 S/N 0910 (sec) [X] O2 S/N 0904 (pri) [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	~~PRI. SALINITY~~ (DIC)	~~SEC. SALINITY~~ (Nutrients)	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	1502	150				1621	292			
2	1000					1622				
3	750					1623				
4	500					1624				
5	150					1625				
6	100					1626				
7	50					1627				
8	40					1628				
9	30					1629				
10	20					1630				
11	10					1631				
12	0					1632				

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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
074	53	31.24 N	168	54.50 W	10	MAY	13	21	46	3.2	79	29			034	12				1783	

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
DY1305	CTD 074

REMARKS

sec O2 failed during upcast @ ~400 m

MAX. DEPTH = m

on primary T/C

[ ] PAR S/N 4242 [X] WETStar FLUOR S/N 868 [X] O2 S/N 0910 (sec) [X] O2 S/N 0904 (pri) [ ] Cleaned air bleed valve

[X] ALTIMETER

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	~~PRI. SALINITY~~ JDIC	~~SEC. SALINITY~~ NUTS	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1	1507				.	1633				
2	1000				.	1634				
3	750				.	1635				
4	500				.	1636				
5	150				.	1637	393			
6	100				.	1638				
7	50				.	1639				
8	40				.	1640				
9	30				.	1641				
10	20				.	1642				
11	10				.	1643				
12	0				.	1644				

VESSEL		PROJECT & LEG		STATION DESIGNATION
NOAA R/V *Oscar Dyson*		DY1305		

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
075	53	22.49 N	168	41.54 W	10	MAY	13	23	58	3.3	77	30			026	10				205	

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
DY1305	CTD 075

REMARKS

O2 values very low ~10 umol/kg

MAX. DEPTH = 199 m

on primary T/C

- [ ] PAR S/N 4242
- [X] ALTIMETER
- [X] WETStar FLUOR S/N 3868 (put on for last cast)
- [X] O2 S/N ~~0910~~ 1961 (sec)
- [X] O2 S/N 0904 (pri)
- [ ] Cleaned air bleed valve

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	~~PRI. SALINITY~~ DIC	SEC. SALINITY	SAMPLE BOTTLE NUMBER: SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1										
2		IGNORE FIRST 3 BOTTLE TRIPS - WENT UP TO 100M TRIPPING WRONG								
3		BOTTLES (1-3) THEN WENT BACK DOWN TO 181 M & STARTED TRIPPING BOTTLES								
4	181					1645	394		@ NISKIN 4	
5	150					1646				
6	100					1647				
7	50					1648				
8	40					1648				
9	30					1649				
10	20					1650				
11	10					1651				
12	0					1652				