

VESSEL R/V Kilo Moana		PROJECT & LEG KM0309		DSDB I.D.		STATION DESIGNATION	
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD- 129	
DEG	MIN	DEG	MIN	DAY	MO	YR	TIME (GMT)
19	58	56	16	16	W	09	14
SBE 9+		TIME		JD/TIME		Tape/Diskette ID	
PRESS SN		DATA ON		START DOWN		File Name/Header	
PRI TEMP SN		AT DEPTH		AT SURFACE		Cleaned air bleed valve	
SEC TEMP SN		PAR S/N		FLUOR S/N		MAX. DEPTH - 239 m	
PRI COND SN		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.		SEC. TEMP.	
1	Bottom	SALINITY		SALINITY		SAL.	
2	200	SALINITY		SALINITY		NUTR.	
3	175	SALINITY		SALINITY		CHL.	
4	150	SALINITY		SALINITY		WHIT'S NUTR.	
5	125	SALINITY		SALINITY			
6	100	SALINITY		SALINITY			
7	75	SALINITY		SALINITY			
8	50	SALINITY		SALINITY			
9	20	SALINITY		SALINITY			
10	20	SALINITY		SALINITY			
11	10	SALINITY		SALINITY			
12	0	SALINITY		SALINITY			

5 6 7 9 10 11 17 20 21 22 23 24

VESSEL R/V Kilo Moana		PROJECT & LEG KM0309		DSDB I.D.		STATION DESIGNATION	
CONSC CAST #		DATE JD- 129		TIME (GMT)		WIND DIRN.	
LATITUDE		LONGITUDE		WET BULB		WIND SPD.	
DEG MIN		DEG MIN		(°C)		(m/s)	
19 25 05 1.24		14 93 1.99		306.8		1526	
SBE 9+		JD/TIME		Tape/Diskette ID		REMARKS	
PRESS SN		DATA ON		File Name/Header			
PRI TEMP SN		START DOWN					
SEC TEMP SN		AT DEPTH					
PRI COND SN		AT SURFACE					
SEC COND SN		PAR S/N		FLUOR S/N		MAX. DEPTH - 225 m	
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
		PRESSURE		PRI. TEMP.		SALINITY	
		SEC. TEMP.		SAL.		NUTR.	
		CHL.		WHIT'S NUTR.			
5	Bottom						
6	200					126	
7	175					127	
8	150					128	
9	125					129	
10	100					130	
11	75					131	
12	50					132	
13	30					133	
14	20					134F	
15	10					135F	
16	0					136F	
17						137F	

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5	1	Bottom
6	2	125
7	3	100
9	4	75
10	5	50
11	6	40
17	7	30
20	8	20
21	9	10
22	10	0
23	11	
24	12	

First post-storm cast

VESSEL R/V Kilo Moana		PROJECT & LEG KM0309		DSD8 ID.		STATION DESIGNATION	
CONSC CAST #		LATITUDE		LONGITUDE		DATE	
1955045.42		N 15 00 09.56		W 10 11 19 03		14 MAY 2003	
SBE 9+		DEG MIN		DEG MIN		TIME (GMT)	
PRESS SN		DATA ON		Tape/Diskette ID		File Name/Header	
PRI TEMP SN		START DOWN					
SEC TEMP SN		AT DEPTH					
PRI COND SN		AT SURFACE					
SEC COND SN		PAR S/N		FLUOR S/N			
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
5 1 Bottom		PRESSURE		PRI. TEMP.		SEC. TEMP.	
6 2 125							
7 3 100							
8 4 75							
9 5 50							
10 6 40							
11 7 30							
12 8 20							
13 9 10							
14 10 0							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

Cleaned air bleed valve
MAX. DEPTH = 165 m

REMARKS

VESSEL R/V Kilo Moana										PROJECT & LEG KM0305b										DSD8 I.D. KM0309										STATION DESIGNATION <i>[Signature]</i>																																																																																																													
CONSC CAST #										LATITUDE DEG MIN 19 05 50 . 59 N										LONGITUDE DEG MIN 150 08 . 53 W										DATE JD- 130 DAY MO YR 10 MAY 03										TIME (GMT) HR MIN 18 19 06										WET BULB (°C) 21.0										PRESSURE (mb) 1014.6										SEA STATE * 4										WIND DIRN. (deg) 210										WIND SPD. (m/s) 20										CLOUD (amt) * 8										WEATHER * B2										BOTTOM DEPTH (m) 165										STA. NAME/ID ATE4									
SBE 9+										TIMES										JD/TIME										DATA LOCATION										REMARKS																																																																																																			
PRESS SN										DATA ON										Tape/Diskette ID										File Name/Header																																																																																																													
PRI TEMP SN										START DOWN																																																																																																																																	
SEC TEMP SN										AT DEPTH																																																																																																																																	
PRI COND SN										AT SURFACE																																																																																																																																	
SEC COND SN										PAR S/N										FLUOR S/N										MAX. DEPTH = 164 m																																																																																																													
POS. TRIP DEPTH										CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE DATA										SAMPLE BOTTLE NUMBER																																																																																																													
PRESSURE										PRI. TEMP.										SEC. TEMP.										SALINITY										SAL.										NUTR.										CHL.										WHT'S NUTR.																																																																					
1 Bottom																																																																																																																																											
2 125																																																																																																																																											
3 100																																																																																																																																											
4 75																																																																																																																																											
5 50																																																																																																																																											
6 40																																																																																																																																											
7 30																																																																																																																																											
8 20																																																																																																																																											
9 10																																																																																																																																											
10 0																																																																																																																																											
11																																																																																																																																											
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VESSEL R/V Kilo Moana		PROJECT & LEG KMB055b		DSDB I.D. KM0309		STATION DESIGNATION																							
CONSC CAST #		LATITUDE		LONGITUDE		DATE		TIME		DRY BULB		WET BULB		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
DEG MIN		DEG MIN		DEG MIN		DAY MO YR		HR MIN		°C		°C		(mb)		+		(deg)		(m/s)		+		+		(m)			
56.54		06		1500		10 MAY 03		2106		3.8		5.3		1056		6		211		47		882		245		ATE3			
11975856.34N		150006.71W		10 MAY 03		2106		3		7.8		5.3		1056		6		211		47		882		245		ATE3			
SBE 9+																													
PRESS SN																													
PRI TEMP SN																													
SEC TEMP SN																													
PRI COND SN																													
SEC COND SN																													
TRIP DEPTH																													
POS.																													
1		Bottom		5-																									
2		175		6-																									
3		150		7-																									
4		125		9-																									
5		100		10-																									
6		75		11-																									
7		50		12-																									
8		30		20-																									
9		20		21-																									
10		10		22-																									
11		0		23-																									
12																													

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VESSEL R/V Kilo Moana		PROJECT & LEG KM0305B		DSD8 I.D.		STATION DESIGNATION																								
CONSC CAST #		LATITUDE		LONGITUDE		DATE		TIME (GMT)		DRY BULB		WET BULB		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID		
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	(mb)	(deg)	(m/s)	(amt)															
01	01	01	01	15	05	29	22	24	8.4	5.7	11.5	7.4	4	4	8	6	2	2	4	4	4	2	2	4	4	2	2	4	4	2
SBE 9+		01.04		05.29		22.24																								
PRESS SN																														
PRI TEMP SN																														
SEC TEMP SN																														
PRI COND SN																														
SEC COND SN																														
TRIP DEPTH																														
POS.																														
PAR S/N																														
FLUOR S/N																														
CTD CONVERTED MONITOR VALUES																														
PRESSURE																														
PRI TEMP.																														
SEC. TEMP.																														
SALINITY																														
SAL.																														
NUTR.																														
CHL.																														
WHIT'S NUTR.																														

Cleaned air bleed valve

MAX. DEPTH = m

REMARKS

DATA LOCATION

File Name/Header

Tape/Diskette ID

DATA LOCATION

File Name/Header

Tape/Diskette ID

DATA LOCATION

File Name/Header

Tape/Diskette ID

DATA LOCATION

File Name/Header

Tape/Diskette ID

DATA LOCATION

File Name/Header

Tape/Diskette ID

DATA LOCATION

File Name/Header

Tape/Diskette ID

DATA LOCATION

File Name/Header

VESSEL										PROJECT & LEG										STATION DESIGNATION									
R/V Kilo Moana										KM0305b										DSDB ID.									
CONSC CAST #										0743										43.82									
LATITUDE										LONGITUDE										DATE									
DEG MIN										DEG MIN										DAY MO YR									
19 09 59 47.32 N										15 44 40 47.32 W										11 MAY 03									
SBE 9+										TIME										TIME (GMT)									
PRESS SN										DATA ON										HR MIN									
PRI TEMP SN										START DOWN										00 39									
SEC TEMP SN										AT DEPTH										00 39									
PRI COND SN										AT SURFACE										00 39									
SEC COND SN										PAR S/N										FLUOR S/N									
POS. TRIP DEPTH										CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE DATA									
1 bottom										PRESSURE										PRI. TEMP.									
2 125										5										SEC. TEMP.									
3 100										6										SALINITY									
4 75										7										SALINITY									
5 50										8										SALINITY									
6 40										9										SALINITY									
7 30										10										SALINITY									
8 20										11										SALINITY									
9 10										12										SALINITY									
10 0										13										SALINITY									
11										14										SALINITY									
12										15										SALINITY									

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
R/V Kilo Moana		KM0305b				KCW01	
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		
	DEG	MIN	DEG	MIN	DAY	MO	YR
244	59	09	14	51	92	W	10
SBE 9+	TIME		TIME (GMT)		WET BULB		
	DEG	MIN	HR	MIN	(°C)		
	59	09	14	51	92	W	10
PRESS SN	DATA ON		Tape/Diskette ID		File Name/Header		
	0149						
PRI TEMP SN	START DOWN						
	0152						
SEC TEMP SN	AT DEPTH						
	0201						
PRI COND SN	AT SURFACE						
	0212						
SEC COND SN	PAR S/N		FLUOR S/N		MAX. DEPTH =		m
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES					
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA
1	Bot ✓	5					SAMPLE BOTTLE NUMBER
2	125 ✓	6					
3	100 ✓	7					
4	75 ✓	9					
5	50	10					
6	40	11					
7	30	14					
8	20	20					
9	10	21					
10	0	22					
11							
12							

VESSEL R/V Kilo Moana		PROJECT & LEG KM0305b		DSDB I.D.		STATION DESIGNATION																					
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(mb)	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID										
28	15	9	13	11	05	2011	03	33	05	28.4	6.3	48	16	4	2	137	KC602										
SBE 9+ PRESS SN PRI TEMP SN SEC TEMP SN PRI COND SN SEC COND SN																											
DATA LOCATION File Name/Header Tape/Diskette ID																											
TIMES DATA ON START DOWN AT DEPTH AT SURFACE																											
PAR S/N FLUOR S/N MAX. DEPTH = m																											
REMARKS <input type="checkbox"/> Cleaned air bleed valve																											
CTD CONVERTED MONITOR VALUES																											
POS.		TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.							
1	bottom	5'																									
2	100	6'																									
3	75	7'																									
4	50	9'																									
5	30	10'																									
6	20	11'																									
7	10	12'																									
8	0	24'																									
9																											
10																											
11																											
12																											

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VESSEL R/V Kilo Moana		PROJECT & LEG KM0305b		DSDB I.D.		STATION DESIGNATION	
CONSC CAST #		18.45		24.87		0544	
LATITUDE		DEG MIN		LONGITUDE		TIME (GMT)	
20 259 18.41 N		114 920.86 W		11 MAY 03		0544	
SBE 9+		DEG		MIN		HR MIN	
		114 920.86		11 MAY 03		0544	
PRESS SN		DATA ON		Tape/Diskette ID		DATA LOCATION	
PRI TEMP SN		START DOWN		File Name/Header			
SEC TEMP SN		AT DEPTH					
PRI COND SN		AT SURFACE					
SEC COND SN		PAR S/N		FLUOR S/N		MAX. DEPTH = m	
POS. TRIP DEPTH		CLEANED AIR BLEED VALVE		REMARKS			
1 bottom							
2 100							
3 75							
4 50							
5 30							
6 20							
7 10							
8 0							
9							
10							
11							
12							

[illegible]

VESSEL R/V Kilo Moana		PROJECT & LEG KM0305b				DSDB I.D.		STATION DESIGNATION																			
CONSC CAST #		27.00		54.24		4834		TIME (GMT)		DRY BULB (°C)		WET BULB (°C)		PRESSURE (mb)		SEA STATE		WIND DIRN (deg)		WIND SPD (m/s)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
24459		24.99N		14853.84W		11 MAY 03		0849		5.9		5.2		484		3		496		6		6		189		K005	
SBE 9+		LATITUDE		LONGITUDE		DATE		TIME		DRY BULB		WET BULB		PRESSURE		SEA STATE		WIND DIRN		WIND SPD		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
PRESS SN		14853.84		11 MAY 03		0849		5.9		5.2		484		3		496		6		6		6		189		K005	
PRI TEMP SN		14853.84		11 MAY 03		0849		5.9		5.2		484		3		496		6		6		6		189		K005	
SEC TEMP SN		14853.84		11 MAY 03		0849		5.9		5.2		484		3		496		6		6		6		189		K005	
PRI COND SN		14853.84		11 MAY 03		0849		5.9		5.2		484		3		496		6		6		6		189		K005	
SEC COND SN		14853.84		11 MAY 03		0849		5.9		5.2		484		3		496		6		6		6		189		K005	
TRIP DEPTH		14853.84		11 MAY 03		0849		5.9		5.2		484		3		496		6		6		6		189		K005	
POS.		14853.84		11 MAY 03		0849		5.9		5.2		484		3		496		6		6		6		189		K005	
1		14853.84		11 MAY 03		0849		5.9		5.2		484		3		496		6		6		6		189		K005	
2		14853.84		11 MAY 03		0849		5.9		5.2		484		3		496		6		6		6		189		K005	
3		14853.84		11 MAY 03		0849		5.9		5.2		484		3		496		6		6		6		189		K005	
4		14853.84		11 MAY 03		0849		5.9		5.2		484		3		496		6		6		6		189		K005	
5		14853.84		11 MAY 03		0849		5.9		5.2		484		3		496		6		6		6		189		K005	
6		14853.84		11 MAY 03		0849		5.9		5.2		484		3		496		6		6		6		189		K005	
7		14853.84		11 MAY 03		0849		5.9		5.2		484		3		496		6		6		6		189		K005	
8		14853.84		11 MAY 03		0849		5.9		5.2		484		3		496		6		6		6		189		K005	
9		14853.84		11 MAY 03		0849		5.9		5.2		484		3		496		6		6		6		189		K005	
10		14853.84		11 MAY 03		0849		5.9		5.2		484		3		496		6		6		6		189		K005	
11		14853.84		11 MAY 03		0849		5.9		5.2		484		3		496		6		6		6		189		K005	
12		14853.84		11 MAY 03		0849		5.9		5.2		484		3		496		6		6		6		189		K005	

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VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
R/V Kilo Moana		KMO305b					
CONSC CAST #		LATITUDE		LONGITUDE		39.43	
DEG MIN		DEG MIN		DEG MIN		1039	
20659		31.07		14839		1039	
SBE 9+		N		W		1039	
PRESS SN		DATE JD=		TIME GMT		1039	
PRI TEMP SN		DAY		HR		1039	
SEC TEMP SN		MO		MIN		1039	
PRI COND SN		YR		SEC		1039	
SEC COND SN		FLOR S/N		PAR S/N		FLOR S/N	
		DATE JD=		TIME GMT		1039	
		DAY		HR		1039	
		MO		MIN		1039	
		YR		SEC		1039	
		FLOR S/N		PAR S/N		FLOR S/N	
		DATE JD=		TIME GMT		1039	
		DAY		HR		1039	
		MO		MIN		1039	
		YR		SEC		1039	
		FLOR S/N		PAR S/N		FLOR S/N	
		DATE JD=		TIME GMT		1039	
		DAY		HR		1039	
		MO		MIN		1039	
		YR		SEC		1039	
		FLOR S/N		PAR S/N		FLOR S/N	
		DATE JD=		TIME GMT		1039	
		DAY		HR		1039	
		MO		MIN		1039	
		YR		SEC		1039	
		FLOR S/N		PAR S/N		FLOR S/N	
		DATE JD=		TIME GMT		1039	
		DAY		HR		1039	
		MO		MIN		1039	
		YR		SEC		1039	
		FLOR S/N		PAR S/N		FLOR S/N	
		DATE JD=		TIME GMT		1039	
		DAY		HR		1039	
		MO		MIN		1039	
		YR		SEC		1039	
		FLOR S/N		PAR S/N		FLOR S/N	
		DATE JD=		TIME GMT		1039	
		DAY		HR		1039	
		MO		MIN		1039	
		YR		SEC		1039	
		FLOR S/N		PAR S/N		FLOR S/N	
		DATE JD=		TIME GMT		1039	
		DAY		HR		1039	
		MO		MIN		1039	
		YR		SEC		1039	
		FLOR S/N		PAR S/N		FLOR S/N	
		DATE JD=		TIME GMT		1039	
		DAY		HR		1039	
		MO		MIN		1039	
		YR		SEC		1039	
		FLOR S/N		PAR S/N		FLOR S/N	
		DATE JD=		TIME GMT		1039	
		DAY		HR		1039	
		MO		MIN		1039	
		YR		SEC		1039	
		FLOR S/N		PAR S/N		FLOR S/N	
		DATE JD=		TIME GMT		1039	
		DAY		HR		1039	
		MO		MIN		1039	
		YR		SEC		1039	
		FLOR S/N		PAR S/N		FLOR S/N	
		DATE JD=		TIME GMT		1039	
		DAY		HR		1039	
		MO		MIN		1039	
		YR		SEC		1039	
		FLOR S/N		PAR S/N		FLOR S/N	
		DATE JD=		TIME GMT		1039	
		DAY		HR		1039	
		MO		MIN		1039	
		YR		SEC		1039	
		FLOR S/N		PAR S/N		FLOR S/N	
		DATE JD=		TIME GMT		1039	
		DAY		HR		1039	
		MO		MIN		1039	
		YR		SEC		1039	
		FLOR S/N		PAR S/N			

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[illegible]

VESSEL R/V Kilo Moana		PROJECT & LEG KMO309		DSDB I.D.		STATION DESIGNATION	
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 132	
DEG	MIN	DEG	MIN	DAY	MO	YR	
21	05	01	48	N	14	5	13
SBE 9+		TIME		JD/TIME		FLUOR S/N	
SEC COND SN		PAR S/N		CTD CONVERTED MONITOR VALUES		REMARKS	
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA
							SAL. NUTR. CHL. NUTR.
1	2000	<i>Lock</i>					233 49
2	1750						233 50
3	1500						233 51
4	1250						233 52
5	1000						233 53
6	960						233 54
7	900						233 55
8	700						233 56
9	600						233 57
10	500						233 58
11	400						233 59
12	300						233 60
13	250						233 61
14	200						233 62
15	175						233 63
16	150						233 64
17	125						233 65
18	100						233 66
19	75						233 67
20	50						233 68
21	30						233 69
22	20						233 70
23	10						233 71
24	0						233 72

Evelyn Leased Sample #4

VESSEL		PROJECT & LEG		DSD8 I.D.		STATION DESIGNATION													
R/V Kilo Moana		KM0309																	
CONSC CAST #	DEG	MIN	LATITUDE	DEG	MIN	LONGITUDE	DATE	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
2115051	145	14	14.86W	145	14	14.86W	12 MAY 03	1938	9.1	6.8	983	3	8	25	2	6	1	41	EN34
SBE 9+ _____																			
SEC COND SN _____																			
TIMES _____																			
PAR S/N _____																			
FLUOR S/N _____																			
CTD CONVERTED MONITOR VALUES																			
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA													
						SAL. NUTR. CHL. NUTR.													
1	2000	-				1 73													
2	1750	-				2 74													
3	1500	-				3 75													
4	1250	-				4 76													
5	1000	-				5 77													
6	900	-				6 78													
7	800	-				7 79													
8	700	-				8 80													
9	600	-				9 81													
10	500	-				10 82													
11	400	-				11 83													
12	300	-				12 84													
13	250	-				13 85													
14	200	-				14 86													
15	175	-				15 87													
16	150	-				16 88													
17	125	-				17 89													
18	100	-				18 90													
19	75	-				19 91													
20	50	-				20 92													
21	30	-				21 93													
22	20	-				22 94													
23	10	-				23 95													
24	0	-				24 96													

REMARKS

VESSEL										PROJECT & LEG										STATION DESIGNATION																																																																					
R/V Kilo Moana										KM0309										END05																																																																					
CONSC CAST #										DATE										TIME (GMT)										WIND DIRN.										WIND SPD.										WEATHER										BOTTOM DEPTH										STA. NAME/ID																			
LATITUDE										LONGITUDE										TIME (GMT)										WIND DIRN.										WIND SPD.										WEATHER										BOTTOM DEPTH										STA. NAME/ID																			
DEG MIN										DEG MIN										HR MIN										(deg)										(m/s)										TYPE										(m)																													
2125840.62N										14515.21W										12MAY03										8.5										6.7										9938										461										4087EN										SD5									
SBE 9+										JD/TIME										FLUOR S/N										PRESSURE										SALINITY										SAL.										NUTR.										CHL.										NUTR.									
SEC COND SN										PAR S/N										CTD CONVERTED MONITOR VALUES										SALINITY										SAL.										NUTR.										CHL.										NUTR.																			
POS. TRIP DEPTH										PRESSURE										PRI. TEMP.										SEC. TEMP.										SALINITY										SAL.										NUTR.										CHL.										NUTR.									
1 2000										✓																														1																				97																													
2 1750										✓																														2																				98																													
3 1500										✓																														3																				99																													
4 1250										✓																														4																				100																													
5 1000										✓																														5																				101																													
6 900										✓																														6																				102																													
7 800										✓																														7																				103																													
8 700										✓																														8																				104																													
9 600										✓																														9																				105																													
10 500										✓																														10																				106																													
11 400										✓																														11																				107																													
12 300										✓																														12																				108																													
13 250										✓																														13																				109																													
14 200										✓																														14																				110																													
15 175										✓																														15																				111																													
16 150										✓																														16																				112																													
17 125										✓																														17																				113																													
18 100										✓																														18																				114																													
19 75										✓																														19																				115																													
20 50										✓																														20																				116																													
21 30										✓																														21																				117																													
22 20										✓																														22																				118																													
23 10										✓																														23																				119																													
24 0										✓																														24																				120																													

Dnctar 37504 / 58° 30.01' N - 145° 15.43' W / 13-May-2403:43;48

[illegible]

VESSEL R/V Kilo Moana										PROJECT & LEG KM0309										STATION DESIGNATION																			
<div style="display: flex; justify-content: space-between;"> <div> 21.76 LATITUDE DEG MIN 21 45 821.71 N </div> <div> 15.42 LONGITUDE DEG MIN 145 14.18 W </div> <div> 0411 TIME (GMT) HR MIN 04 54 </div> </div>										DATE JD= 133 DAY MO YR 13 MAY 03										DRY BULB (°C) WET BULB (°C) PRESSURE (mb) SEA STATE WIND DIRN (deg) WIND SPD (m/s) CLOUD (amt) TYPE WEATHER										STA. NAME/ID 4086 BOTTOM DEPTH (m) 3991 ENST									
										SBE 9+ SEC COND SN TIMES JD/TIME PAR S/N FLUOR S/N										REMARKS																			

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES			SAMPLE BOTTLE DATA			SAMPLE BOTTLE NUMBER				
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	NUTR.	CHL.	NUTR.		
1	2000 ✓						1			145		
2	1750 ✓						2			146		
3	1500 ✓						3			147		
4	1250 ✓						4			148		
5	1000 ✓						5	5	236	149		
6	900 ✓						6			150		
7	800 ✓						7			151		
8	700 ✓						8			152		
9	600 ✓						9			153		
10	500 ✓						10			154		
11	400 ✓						11			155		
12	300 ✓						12			156		
13	250 ✓						13			157		
14	200 ✓						14			158		
15	175 ✓						15			159		
16	150 ✓						16			160		
17	125 ✓						17			161		
18	100 ✓						18			162		
19	75 ✓						19			163		
20	50 ✓						20			164		
21	30 ✓						21			165		
22	20 ✓						22			166		
23	10 ✓						23			167		
24	0						24			168		

VESSEL R/V Kilo Moana		PROJECT & LEG KMO309		DSD8 I.D.		STATION DESIGNATION Zeddy NS - 8																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
DEG	MIN	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(mb)	*	*	*	(m/s)	*	*	*	*	*	*	*	*	*	(m)					
21	58	13	14	145	16	26	W	13	M	A	Y	03	08	04	06	80	5	29	8	48	19	4	3	86	23	94	3	2	3	3943	NS-8
SBE 9+		TIMES		JD/TIME		PAR S/N		FLUOR S/N		REMARKS																					
SEC COND SN		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
TRIP DEPTH		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES	
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
1	2000																														
2	1750																														
3	1500																														
4	1250																														
5	1000																														
6	750																														
7	500																														
8	250																														
9	100																														
10	50																														
11	25																														
12	10																														
13	5																														
14	2																														
15	1																														
16	0.5																														
17	0.25																														
18	0.1																														
19	0.05																														
20	0.025																														
21	0.01																														
22	0.005																														
23	0.0025																														
24	0.001																														

Evelyn Leonard - Sample #6 - extra

Evelyn Lees and Sample #7

VESSEL				PROJECT & LEG				DSDB I.D.				STATION DESIGNATION																														
R/V Kilo Moana				KM0309																																						
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 133		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID														
DEG	MIN	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(mb)	*	*	*	(m/s)	(deg)	(m/s)	*	*	*	*	*	*	(m)																	
21	75	55	67	N	14	51	A	77	W	13	M	A	Y	0	3	13	32	05	18	03	5	9	8	4	4	3	2	0	0	3	8	0	2	3	8	9	9	E	N	S	1	0
SBE 9+ _____ SEC COND SN _____ TIMES _____ JD/TIME _____ PAR S/N _____ FLUOR S/N _____																																										
REMARKS																																										

in Leonard-Lucas #8
volume a little low

VESSEL R/V Kilo Moana		PROJECT & LEG KMO309				DSDB I.D.		STATION DESIGNATION													
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD- 133		TIME (GMT)		WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID			
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR											MIN		
219	57	38	145	15	13	W	13	19	57	5.8	4.29	83	8	25	4	6	138	65	ENS12		
SBE 9+ _____																					
SEC COND SN _____																					
TIMES _____																					
JD/TIME _____																					
PAR S/N _____																					
FLUOR S/N _____																					
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES																			
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA														SAMPLE BOTTLE NUMBER	
1	2000	✓												1				97			
2	1750	✓												2				98			
3	1500	✓												3	241			99			
4	1250	✓												4				100			
5	1000	✓												5				101			
6	900	✓												6				102			
7	900	✓												7				103			
8	700	✓												8				104			
9	600	✓												9				105			
10	500	✓												10				106			
11	400	✓												11				107			
12	300	✓												12				108			
13	250	✓												13				109			
14	200	✓												14				110			
15	175	✓												15				111			
16	150	✓												16				112			
17	125	✓												17				113			
18	100	✓												18				114			
19	75	✓												19				115			
20	50	✓												20				116			
21	30	✓												21				117			
22	20	✓												22				118			
23	10	✓												23				119			
24	0	✓												24				120			

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION													
R/V Kilo Moana		KMO309																	
CONSC CAST #	38.44	38.45		DATE JD= 134		TIME (GMT)		WET BULB		WIND DIRN.		WIND SPD.		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(mb)	(deg)	(m/s)	(amt)	*	*	(m)			
22	58	38	38	14	3	03	04	39	8.4	5.6	83	8	36	13	5	19	E	W	
SBE 9+		JD/TIME		PAR S/N		FLUOR S/N		REMARKS											
SEC COND SN		CTD CONVERTED MONITOR VALUES		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
1	22.44	✓																	
2	28.44	✓																	
3	17.54	✓																	
4	15.44	✓																	
5	12.54	✓																	
6	10.44	✓																	
7	8.54	✓																	
8	7.44	✓																	
9	6.44	✓																	
10	5.44	✓																	
11	5.44	✓																	
12	3.54	✓																	
13	2.54	✓																	
14	2.44	✓																	
15	1.75	✓																	
16	1.54	✓																	
17	1.25	✓																	
18	1.04	✓																	
19	7.5	✓																	
20	5.4	✓																	
21	3.4	✓																	
22	2.4	✓																	
23	1.4	✓																	
24	0	✓																	

Handwritten notes:
 - "No wild life seen, 1 few birds" (next to REMARKS)
 - "Lugols" (next to POS. 24)
 - "broken" (next to POS. 12)
 - "09" (next to POS. 24)

1 knot current out of the east at start of deployment

VESSEL R/V Kilo Moana		PROJECT & LEG KM0309				DSDB I.D.		STATION DESIGNATION																					
CONSC CAST #		LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID			
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	*	(m)	*	*	*	(m)					
22	15	83	0	21	N	14	35	0	97	W	14	M	4	Y	03	08	29	06	30	4	3	0	3	5	7	9	E	02	
SBE 9+ _____ SEC COND SN _____ TIMES _____ JD/TIME _____ PAR S/N _____ CTD CONVERTED MONITOR VALUES FLUOR S/N _____ lot of jellyfish near surface on deployment (~12" balls)																													
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		CHL.		NUTR.		SAL.		NUTR.		CHL.		NUTR.	
1	2400													243		145								243		145			
2	2100																									146			
3	1800																									147			
4	1500																									148			
5	1200																									149			
6	1000																									150			
7	850																									151			
8	700																									152			
9	600																									153			
10	500																									154			
11	400																									155			
12	300																									156			
13	250																									157			
14	200																									158			
15	175																									159			
16	150																									160			
17	125																									161			
18	100																									162			
19	75																									163			
20	50																									164			
21	30																									165			
22	20																									166			
23	10																									167			
24	0																									168			

[illegible]

VESSEL R/V Kilo Moana		PROJECT & LEG KM0309				DSOB I.D.		STATION DESIGNATION																							
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 134		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID					
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	*	*	*	(m)									
2235	58	38	25	N	14	43	6	44	W	14	M	A	Y	0	3	15	09	07	00	4	6	8	1	3	7	3	3	E	E	W	4
SBE 9+ _____																															
SEC COND SN _____																															
TIMES _____																															
PAR S/N _____																															
FLUOR S/N _____																															
REMARKS																															

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES			SAMPLE BOTTLE DATA			SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY		SAL.	NUTR.	CHL.	NUTR.			
1	2400						245			25			
2	2100									26			
3	1900									27			
4	1500									28			
5	1200									29			
6	1000									30			
7	850									31			
8	700									32			
9	600									33			
10	500									34			
11	400									35			
12	300									36			
13	250									37			
14	200									38			
15	175									39			
16	150									40			
17	125									41			
18	100									42			
19	75									43			
20	50									44			
21	25									45			
22	20									46			
23	10									47			
24	0									48			

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
R/V Kilo Moana		KH0309					
CONSC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	DRY BULB	WET BULB	PRESSURE
DEG MIN	DEG MIN	DEG MIN	DAY MONTH YEAR	HR MIN	(°C)	(°C)	(mb)
2245837.95	14457.33	14457.33	14 MAY 03	183608.50	16.49	16.49	1000.00
SBE 9+	JD/TIME		FLUOR S/N		REMARKS		
SEC COND SN	PAR S/N						
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL.	NUTR.
1	2400				1		49
2	2100				2		50
3	1800				3		51
4	1500				4	246	52
5	1200				5		53
6	1000				6		54
7	850				7		55
8	700				8		56
9	600				9		57
10	500				10		58
11	400				11		59
12	300				12		60
13	250				13		61
14	200				14		62
15	175				15		63
16	150				16		64
17	125				17		65
18	100				18		66
19	75				19		67
20	50				20		68
21	25				21		69
22	10				22		70
23	0				23		71
24	0				24		72

01/12/2017

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION																					
R/V Kilo Moana		KM0309																									
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID								
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR												MIN							
22	6	58	38	12	11	N	14	53	6	00	2	1	8	2	9	9	5	1	4	19	9	E	W	7			
SBE 9+																											
SEC COND SN		PAR S/N		JD/TIME		TIMES		FLUOR S/N		REMARKS																	
POS.		TRIP DEPTH		CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE DATA										SAMPLE BOTTLE NUMBER			
				PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		CHL.		NUTR.					
1	4	100	✓														248		97								
2	35	00	✓																98								
3	30	00	✓																99								
4	25	00	✓																100								
5	20	00	✓																101								
6	17	50	✓																102								
7	15	00	✓																103								
8	12	50	✓																104								
9	10	00	✓																105								
10	7	50	✓																106								
11	5	00	✓																107								
12	4	00	✓																108								
13	3	00	✓																109								
14	2	50	✓																110								
15	2	00	✓																111								
16	1	50	✓																112								
17	1	25	✓																113								
18	1	00	✓																114								
19	7	5	✓																115								
20	5	0	✓																116								
21	3	0	✓																117								
22	2	0	✓																118								
23	1	0	✓																119								
24	0																		120								

0013 Local 0813Z
58 37.80N 145 57.43W
Drifter 37504 released after cast

VESSEL R/V Kilo Moana		PROJECT & LEG KM0309		DSDB I.D.		STATION DESIGNATION																								
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID		
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	*	(m)	*	*	*	*	(m)					
21	45	8	38	14	5	15	06	35	8	5	5	4	0	3	1	8	2	5	0	3	6	8	1	4	5	4	0	E	608	
SBE 9+ _____																														
SEC COND SN		PAR S/N		CTD CONVERTED MONITOR VALUES		FLUOR S/N		REMARKS																						
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		CHL.		NUTR.		SAL.		NUTR.		CHL.		NUTR.		
1	3400	✓																												
2	3000	✓																												
3	2500	✓																												
4	2000	✓																												
5	1750	✓																												
6	1500	✓																												
7	1250	✓																												
8	1000	✓																												
9	750	✓																												
10	500	✓																												
11	400	✓																												
12	350	✓																												
13	300	✓																												
14	250	✓																												
15	200	✓																												
16	150	✓																												
17	125	✓																												
18	100	✓																												
19	75	✓																												
20	50	✓																												
21	30	✓																												
22	20	✓																												
23	10	✓																												
24	0																													

no 30 meter sample

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION												
RV Kilo Moana		KM0309																
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO												YR
2295838	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295839	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295840	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295841	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295842	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295843	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295844	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295845	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295846	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295847	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295848	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295849	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295850	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295851	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295852	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295853	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295854	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295855	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295856	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295857	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295858	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295859	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295860	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295861	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295862	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295863	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295864	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295865	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295866	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295867	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295868	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295869	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295870	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295871	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295872	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295873	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295874	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295875	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295876	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295877	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295878	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295879	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295880	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295881	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295882	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295883	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295884	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295885	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295886	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295887	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295888	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295889	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295890	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295891	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295892	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295893	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295894	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295895	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295896	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295897	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295898	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295899	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3
2295900	14	03	15	03	15	W	14	25	06	50	5	3	7	2	6	0	1	3

There was approximately 150m difference between
 Echo sounder and actual bottom. CTD/Rosette
 struck bottom and heaved in 50-60m of
 wire before CTD lifted from the bottom. Uncertain about Niskin
 bottle trip time at depth. Check notes.

log in water.

VESSEL R/V Kilo Moana		PROJECT & LEG KMO309		STATION DESIGNATION 410		DSDB I.D.																					
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 135		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
DEG	MIN	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	*	(m)						
23	5	8	38	14	55	15	M	A	Y	03	18	20	08	3	8	0	0	0	0	0	4	6	1	24	69	EEN11	
SBE 9+		TIMES		JD/TIME		PAR S/N		FLUOR S/N		REMARKS																	
SEC COND SN		PRESSURE		PRI. TEMP.		CTD CONVERTED MONITOR VALUES		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		NUTR.		SAMPLE BOTTLE NUMBER		2333 M			
POS.	TRIP DEPTH																										
1	Bottom																										
2	2100																										
3	1800																										
4	1500																										
5	1200																										
6	1000																										
7	950																										
8	700																										
9	600																										
10	500																										
11	400																										
12	300																										
13	250																										
14	200																										
15	175																										
16	150																										
17	125																										
18	100																										
19	75																										
20	50																										
21	30																										
22	20																										
23	10																										
24	0																										

[illegible]

VESSEL R/V Kilo Moana		PROJECT & LEG KM0309		DSDB I.D.		STATION DESIGNATION																																
CONSC CAST #		LATITUDE		LONGITUDE		DATE		TIME		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		TYPE		WEATHER		2141 BOTTOM DEPTH		STA. NAME/ID						
DEG	MIN	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	SEC	(°C)	(mb)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
23	25	83	8	14	73	6	16	MA	13	03	00	11	12	3	8	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SBE 9+																																	FLUOR S/N					
SEC COND SN																																	PAR S/N					
CTD CONVERTED MONITOR VALUES																																						
POS.			PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY			
TRIP DEPTH			1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18	
1			2444		✓																																	
2			1754		✓																																	
3			1544		✓																																	
4			1254		✓																																	
5			1444		✓																																	
6			944		✓																																	
7			844		✓																																	
8			744		✓																																	
9			644		✓																																	
10			544		✓																																	
11			444		✓																																	
12			344		✓																																	
13			254		✓																																	
14			244		✓																																	
15			175		✓																																	
16			154		✓																																	
17			125		✓																																	
18			144		✓																																	
19			75		✓																																	
20			54		✓																																	
21			34		✓																																	
22			24		✓																																	
23			14		✓																																	
24			4		✓																																	

Tellys again! Very little in bongomets

D_n Ester 37497 / 58 37.7 N 147 56.1 W 0522 16 May 2013

[illegible]

F. 0010

[illegible]