

5 6 8 9 10 11 17 20 21 22 23 24

[illegible]

5 6 8 9 10 11 17 20 21 22 23

- may have been			
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nozzles, does not

took sample
from a job
from bottom of
11' run

VESSEL R/V Kilo Moana		PROJECT & LEG KM0305b		DSDB ID. KM0309		STATION DESIGNATION <i>BB</i>																					
CONSC. CAST #		LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
1035029.516N		15036.02W		04 MAY 03		150507.50		150507.50		150507.50		150507.50		150507.50		150507.50		150507.50		150507.50		150507.50		150507.50		150507.50	
SBE 9+		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS															
PRESS SN		DATA ON																									
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																					
1 Bottom		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT's		NUTR.					
2 60																											
3 40																											
4 30																											
5 20																											
6 10																											
7 0																											
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VESSEL R/V Kilo Moana		PROJECT & LEG KMS03B		DSDB ID. KM0309		STATION DESIGNATION	
CONSC CAST #		LATITUDE		LONGITUDE		DATE	
DEG MIN		DEG MIN		DAY MO YR		TIME (GMT)	
1045825.111		15038.72		04 MAY 03		155907.506	
SBE 9+		TIMES		JD/TIME		DATA LOCATION	
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 = 70 m	
TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
POS.		PRESSURE		PRI. TEMP.		SEC. TEMP.	
1 Bottom							
2 50							
3 40							
4 30							
5 20							
6 10							
7 0							
8							
9							
10							
11							
12							
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VESSEL R/V Kilo Moana		PROJECT & LEG KM0309				DSD8 I.D.				STATION DESIGNATION									
CONSC CAST #		LATITUDE				LONGITUDE				DATE JD- 124									
DEG MIN		DEG MIN		DAY MO YR		TIME (GMT)		DRY BULB (°C)		WET BULB (°C)		PRESSURE (mb)							
105 58 19.36 N		150 41.86 W		04 MAY 03		17 02 20		7.40		6.40		36.20							
SBE 9+		TIMES				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 = 59 m									
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES																	
		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHT's NUTR.	
1 Bottom												195		6					
2 50														7					
3 40														8					
4 30														9					
5 20														10					
6 10														11					
7 0														12					
8																			
9																			
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VESSEL R/V Kilo Moana		PROJECT & LEG KM0309		DSDB ID.		STATION DESIGNATION																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE ID= 12A		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	
1	07	58	11	11	44	43	W	04	M	A	Y	0	3	19	09	08	50	73	7	20	8	21	8	7	20	11	1	5	T	D	7
SBE 9+		DEG MIN		DEG MIN		DAY MO YR		HR MIN		°C		°C		(mb)		*		*		(m/s)		*		*		(m)					
PRESS SN		DATA ON		DATA ON		Tape/Diskette ID		File Name/Header																							
PRI TEMP SN		START DOWN		START DOWN																											
SEC TEMP SN		AT DEPTH		AT DEPTH																											
PRI COND SN		AT SURFACE		AT SURFACE																											
SEC COND SN		PAR S/N		PAR S/N		FLUOR S/N		FLUOR S/N																							
POS. TRIP DEPTH																															
5	1	Bottom																													
6	2	80																													
7	3	60																													
8	4	40																													
9	5	30																													
10	6	20																													
11	7	10																													
12	8	0																													
13	9																														
14	10																														
15	11																														
16	12																														

5 6 7 8 9 10 11 12 13 14 15 16

15 16 17 18 19 20 21 22 23 24

VESSEL R/V Kilo Moana		PROJECT & LEG KM0305b				DSDB ID. KM03049		STATION DESIGNATION																									
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			
44.08		47.29				2104		2113		10.1		7.3		7.3		3		3		3		3		3		3		3		3			
109		5		8		3		9		N		15		4		7		3		6		1		5		6		1		15		2	
SBE 9+		DEG		MIN		SEC		TIME		DATE		TIME		TIME		TIME		TIME		TIME		TIME		TIME		TIME		TIME		TIME			
PRESS SN		DATA ON		START DOWN		AT DEPTH		AT SURFACE		PAR S/N		FLUOR S/N		Cleared air bleed valve		MAX. DEPTH =		m		REMARKS		DATA LOCATION		Tape/Diskette ID		File Name/Header		STATION DESIGNATION					
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY			
1		bottom		5		6		8		9		10		11		12		13		14		15		16		17		18		19			
2		125		6		7		8		9		10		11		12		13		14		15		16		17		18		19			
3		100		8		9		10		11		12		13		14		15		16		17		18		19		20		21			
4		75		9		10		11		12		13		14		15		16		17		18		19		20		21		22			
5		50		10		11		12		13		14		15		16		17		18		19		20		21		22		23			
6		30		11		12		13		14		15		16		17		18		19		20		21		22		23		24			
7		20		12		13		14		15		16		17		18		19		20		21		22		23		24		25			
8		10		13		14		15		16		17		18		19		20		21		22		23		24		25		26			
9		0		14		15		16		17		18		19		20		21		22		23		24		25		26		27			
10				15		16		17		18		19		20		21		22		23		24		25		26		27		28			
11				16		17		18		19		20		21		22		23		24		25		26		27		28		29			
12				17		18		19		20		21		22		23		24		25		26		27		28		29		30			

VESSEL										PROJECT & LEG										STATION DESIGNATION									
R/V Kilo Moana										KM0305B										IDSD8 I.D.									
CONSC CAST #										49.34										2244									
LATITUDE										LONGITUDE										TIME (GMT)									
DEG MIN										DEG MIN										HR MIN									
11 05 18										15 49.35 W										22 59									
SBE 9+										JO/TIME										DATE ID=									
PRESS SN										DATA ON										DAY MO YR									
PRI TEMP SN										START DOWN										4 4 M A Y 0 3									
SEC TEMP SN										AT DEPTH										TIME (GMT)									
PRI COND SN										AT SURFACE										DRY BULB WET BULB									
SEC COND SN										PAR S/N										9.5 7.8									
POS. TRIP DEPTH										CTD CONVERTED MONITOR VALUES										DATA LOCATION									
1 100										PRESSURE										Tape/Diskette ID									
2 100										PRI. TEMP.										File Name/Header									
3 80										SEC. TEMP.										SEA STATE									
4 60										PRESSURE										WIND DIRN.									
5 40										PRI. TEMP.										WIND SPD.									
6 20										SEC. TEMP.										WIND DIRN.									
7 10										PRESSURE										WIND SPD.									
8 0										PRI. TEMP.										WIND DIRN.									
9										SEC. TEMP.										WIND SPD.									
10										PRESSURE										WIND DIRN.									
11										PRI. TEMP.										WIND SPD.									
12										SEC. TEMP.										WIND DIRN.									

[illegible]

VESSEL R/V Kilo Moana		PROJECT & LEG KMO305b		DSD8 I.D.		STATION DESIGNATION																									
CONSC CAST #		51.64		52.04		LATITUDE		LONGITUDE		DATE JD		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
11257511.57N		15452.91W		5 MAY 03		0010		7.4		9.5		474		474		474		474		474		474		474		474		474		474	
SBE 9+		DATA ON		START DOWN		AT DEPTH		AT SURFACE		FLUOR S/N		PAR S/N		CLEANED AIR BLEED VALVE		MAX. DEPTH =		m		REMARKS		FILE NAME/HEADER		Tape/Diskette ID		DATA LOCATION		File Name/Header		Tape/Diskette ID	
POS. TRIP DEPTH		Niskin		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		SAMPLE BOTTLE NUMBER		SAMPLE BOTTLE NUMBER		SAMPLE BOTTLE NUMBER	
1 600m		5-		5-		5-		5-		5-		5-		5-		5-		5-		5-		5-		5-		5-		5-		5-	
2 50		6-		6-		6-		6-		6-		6-		6-		6-		6-		6-		6-		6-		6-		6-		6-	
3 40		8-		8-		8-		8-		8-		8-		8-		8-		8-		8-		8-		8-		8-		8-		8-	
4 20		9-		9-		9-		9-		9-		9-		9-		9-		9-		9-		9-		9-		9-		9-		9-	
5 10		10-		10-		10-		10-		10-		10-		10-		10-		10-		10-		10-		10-		10-		10-		10-	
6 0		11-		11-		11-		11-		11-		11-		11-		11-		11-		11-		11-		11-		11-		11-		11-	
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VESSEL R/V Kilo Moana		PROJECT & LEG KM0305b				DSDB I.D.		STATION DESIGNATION																			
CONSC CAST #		43.58		54.99		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)	*	*	*	*	*	*	(deg)	(m/s)	*	*	*	*	(m)				
1	13	57	43	15	05	20	01	38	9.0	7.2	4	7	2	0	0	1	8	0	1	8	0	1	8	0	1	3	
<div> <div>SBE 9+</div> <div> <div>DATA ON</div> <div>START DOWN</div> <div>AT DEPTH</div> <div>AT SURFACE</div> </div> </div>																											
<div> <div>DATA LOCATION</div> <div>File Name/Header</div> </div>																											
<div> <div>Tape/Diskette ID</div> <div></div> </div>																											
<div> <div>Cleaned air bleed valve</div> <div></div> </div>																											
<div> <div>MAX. DEPTH =</div> <div></div> </div>																											
<div> <div>FLUOR S/N</div> <div></div> </div>																											
<div> <div>CTD CONVERTED MONITOR VALUES</div> </div>																											
<div> <div>PAR S/N</div> <div></div> </div>																											
<div> <div>TRIP DEPTH</div> <div></div> </div>																											
<div> <div>POS.</div> <div></div> </div>																											
<div> <div>PRESSURE</div> <div>5</div> </div>																											
<div> <div>PRI. TEMP.</div> <div></div> </div>																											
<div> <div>SEC. TEMP.</div> <div></div> </div>																											
<div> <div>SALINITY</div> <div></div> </div>																											
<div> <div>SAMPLE BOTTLE DATA</div> </div>																											
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<div> <div>WHIT'S NUTR.</div> </div>																											
<div> <div>SAL.</div> <div></div> </div>																											
<div> <div>NUTR.</div> <div>67</div> </div>																											
<div> <div>CHL.</div> <div></div> </div>																											
<div> <div>SAMPLE BOTTLE DATA</div> </div>																											
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<div> <div>WHIT'S NUTR.</div> </div>																											
<div> <div>SAL.</div> <div></div> </div>																											
<div> <div>NUTR.</div> <div>68</div> </div>																											
<div> <div>CHL.</div> <div></div> </div>																											
<div> <div>SAMPLE BOTTLE DATA</div> </div>																											
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<div> <div>SAL.</div> <div></div> </div>																											
<div> <div>NUTR.</div> <div>69</div> </div>																											
<div> <div>CHL.</div> <div></div> </div>																											
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<div> <div>NUTR.</div> <div>70</div> </div>																											
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<div> <div>NUTR.</div> <div>71</div> </div>																											
<div> <div>CHL.</div> <div></div> </div>																											
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<div> <div>WHIT'S NUTR.</div> </div>																											
<div> <div>SAL.</div> <div></div> </div>																											
<div> <div>NUTR.</div> <div>72</div> </div>																											
<div> <div>CHL.</div> <div></div> </div>																											
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<div> <div>SAL.</div> <div></div> </div>																											
<div> <div>NUTR.</div> <div>73</div> </div>																											
<div> <div>CHL.</div> <div></div> </div>																											
<div> <div>SAMPLE BOTTLE DATA</div> </div>																											
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<div> <div>NUTR.</div> <div></div> </div>																											
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<div> <div>SAMPLE BOTTLE DATA</div> </div>																											
<div> <div>SAMPLE BOTTLE NUMBER</div> </div>																											
<div> <div>WHIT'S NUTR.</div> </div>																											
<div> <div>SAL.</div> <div></div> </div>																											
<div> <div>NUTR.</div> <div></div> </div>																											
<div> <div>CHL.</div> <div></div> </div>																											
<div> <div>SAMPLE BOTTLE DATA</div> </div>																											
<div> <div>SAMPLE BOTTLE NUMBER</div> </div>																											
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VESSEL										PROJECT & LEG										STATION DESIGNATION									
R/V Kilo Moana										KM0305b										DSDB ID.									
48.59										29.91										0535									
CONSC CAST #										LATITUDE										TIME (GMT)									
1155248.48N										15430.05W										0542									
SBE 9+										LONGITUDE										WET BULB									
PRESS SN										DATE ID=										SEA STATE									
PRI TEMP SN										TIME										WIND DIRLN									
SEC TEMP SN										DEG MIN										WIND SPD.									
PRI COND SN										DATA ON										CLOUD (amt)									
SEC COND SN										START DOWN										WEATHER									
POS. TRIP DEPTH										AT DEPTH										TYPE									
1 60m										AT SURFACE										90									
2 60										PAR S/N										(m)									
3 50										FLUOR S/N										90									
4 40										CTD CONVERTED MONITOR VALUES										REMARKS									
5 30										PRESSURE										DATA LOCATION									
6 20										PRI. TEMP.										File Name/Header									
7 10										SEC. TEMP.										Tape/Diskette ID									
8 0										SALINITY										MAX. DEPTH =									
9										SALINITY										m									
10										SALINITY										Cleared air bleed valve									
11										SALINITY										SAMPLE BOTTLE NUMBER									
12										SALINITY										WHIT'S NUTR.									

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
IR/V Kilo Moana		KM0305b					
CONSC CAST #	52.74	27.47		4653			
LATITUDE	LONGITUDE		DATE JD=		TIME (GMT)		
DEG MIN	DEG	MIN	DAY	MO	YR	HR	MIN
11 6 57 52.58 N	154 27.67 W	27.67	05	03	06	59	
SBE 9+	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 =		m
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
1	bottom	Niskin #	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	
2	80	5	5			1	246 89
3	60	6	6			2	90
4	50	8	8			3	91
5	40	9	9			4	92
6	30	10	10			5	93
7	20	11	11			6	94
8	10	17	17			7	95
9	0	20	20			8	96
10		21	21			9	97
11							
12							

VESSEL R/V Kilo Moana		PROJECT & LEG KM0309		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													
11715		756.87 N		15025.85 W		15 MAY 05		082207		207.8		207.8		1009.3		362		121		4		201		60		PBA11															
SBE 9+		DEG		MIN		DEG		MIN		YR		MO		DAY		HR		MIN		(m/s)		*		*		(m)															
PRESS SN		DATA ON		START DOWN		AT DEPTH		AT SURFACE		PAR S/N		FLUOR S/N		Tape/Diskette ID		File Name/Header		REMARKS		Cleared air bleed valve		MAX. DEPTH = 150		m																	
PRI TEMP SN		SEC TEMP SN		PRI COND SN		SEC COND SN		POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		WHIT'S NUTR.																									
5		Bottom		125		100		80		60		40		30		20		10		0		98		99		100		101		102		103		104 F		105 F		106 F		107 F	
6		125		100		80		60		40		30		20		10		0																							
7		100		80		60		40		30		20		10		0																									
8		80		60		40		30		20		10		0																											
9		60		40		30		20		10		0																													
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may have leaked (probably not)

VESSEL R/V Kilo Moana		PROJECT & LEG KMO309		DSDB ID.		STATION DESIGNATION	
CONSC CAST #		DATE ID= 125		TIME (GMT)		WIND DIRN.	
LATITUDE		DAY		MO		YR	
LONGITUDE		MIN		DEG		TIME	
DEG		MIN		DEG		TIME	
118		50		24		01	
W		05		M		A	
Y		03		09		24	
SBE 9+		W		05		M	
PRESS SN		A		03		09	
PRI TEMP SN		Y		03		09	
SEC TEMP SN		0		03		09	
PRI COND SN		3		09		24	
SEC COND SN		0		03		09	
TRIP DEPTH		0		03		09	
POS.		0		03		09	
1		0		03		09	
2		0		03		09	
3		0		03		09	
4		0		03		09	
5		0		03		09	
6		0		03		09	
7		0		03		09	
8		0		03		09	
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13		0		03		09	
14		0		03		09	
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16		0		03		09	
17		0		03		09	
18		0		03		09	
19		0		03		09	
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226		0		03		09	
227		0		03		09	

5 9 8 7 6 5 4 3 2 1 0 11 12 13 14 15 16 17 18 19 20 21 22 23 24

VESSEL R/V Kilo Moana		PROJECT & LEG KMO308		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	
1215813.30		N 15 01 9.90		W 150 19.90		DAY 05		HR 13		WET BULB 05.5		PRESSURE 1236		SEA STATE 10		WIND DIRN. 310		WIND SPD. 22		CLOUD 87		WEATHER 20084		PBA7			
SBE 9+		TIME		JD/TIME		DATE		TIME		WET BULB		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
PRESS SN		DATA ON		START DOWN		AT DEPTH		AT SURFACE		PAR S/N		FLUOR S/N		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		SAL		NUTR.		CHL		WHIT'S NUTR.	
1		Bottom		60		40		30		20		10		0													
2		60		40		30		20		10		0															
3		40		30		20		10		0																	
4		30		20		10		0																			
5		20		10		0																					
6		10		0																							
7		0																									
8																											
9																											
10																											
11																											
12																											

5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

VESSEL R/V Kilo Moana		PROJECT & LEG LM0309		DSDB I.D.		STATION DESIGNATION			
CONSC CAST #		LONGITUDE		DATE		TIME (GMT)		WET BULB	
DEG MIN		DEG MIN		DAY MO YR		HR MIN		WET BULB (°C)	
1225817.94 N		15017.96 W		05 MAY 03		142306		803.8	
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				<input type="checkbox"/> Cleaned air bleed valve MAX. DEPTH = 50 m	
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER			
		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY	
5 1 Bottom								SAL. 203	
6 2 40								NUTR. 149	
8 3 30								CHL. 150	
9 4 20								151	
10 5 10								152	
11 6 0								153	
17 7								154	
20 8									
21 9									
22 10									
23 11									
24 12									

5 6 8 9 10 11 17 20 21 22 23 24

5 6 8 9 10 11 17 20 21 22 23 24

5 6 8 9 10 11 17 20 21 22 23 24

[illegible]

VESSEL R/V Kilo Moana		PROJECT & LEG KM0305b		DSDB I.D. KM0309		STATION DESIGNATION																					
CONSC CAST #		LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
DEG MIN		DEG MIN		DEG MIN		DAY MO YR		HR MIN		WET BULB (°C)		PRESSURE (mb)		SEA STATE		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
1265807.23		14944.09		14944.09		05 MAY 03		194507.20		4.4		11637277		167720219		ST83											
SBE 9+		TIMES		JD/TIME		DATE		TIME		WET BULB		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
PRESS SN		DATA ON		START DOWN		AT DEPTH		AT SURFACE		PAR S/N		FLUOR S/N		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER									
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
5 1 Bottom																											
6 2 175																											
8 3 150																											
9 4 125																											
10 5 100																											
11 6 75																											
17 7 50																											
20 8 40																											
21 9 30																											
22 10 20																											
23 11 10																											
24 12 0																											

Cleaned air bleed valve

MAX. DEPTH = 217 m

VESSEL R/V Kilo Moana		PROJECT & LEG KMD305b				DSDB I.D.				STATION DESIGNATION			
CONSC CAST #		LATITUDE				LONGITUDE				DATE JD=			
42.99		49.46				2116				242			
1275843.43N		14949.34W				2127				245			
SBE 9+		TIME (GMT)				WET BULB				WIND DIRLN			
PRESS SN		TIME (GMT)				WET BULB				WIND DIRLN			
PRI TEMP SN		TIME (GMT)				WET BULB				WIND DIRLN			
SEC TEMP SN		TIME (GMT)				WET BULB				WIND DIRLN			
PRI COND SN		TIME (GMT)				WET BULB				WIND DIRLN			
SEC COND SN		TIME (GMT)				WET BULB				WIND DIRLN			
POS. TRIP DEPTH		TIME (GMT)				WET BULB				WIND DIRLN			
1 bottom		TIME (GMT)				WET BULB				WIND DIRLN			
2 200		TIME (GMT)				WET BULB				WIND DIRLN			
3 150		TIME (GMT)				WET BULB				WIND DIRLN			
4 125		TIME (GMT)				WET BULB				WIND DIRLN			
5 100		TIME (GMT)				WET BULB				WIND DIRLN			
6 75		TIME (GMT)				WET BULB				WIND DIRLN			
7 50		TIME (GMT)				WET BULB				WIND DIRLN			
8 40		TIME (GMT)				WET BULB				WIND DIRLN			
9 30		TIME (GMT)				WET BULB				WIND DIRLN			
10 20		TIME (GMT)				WET BULB				WIND DIRLN			
11 10		TIME (GMT)				WET BULB				WIND DIRLN			
12 0		TIME (GMT)				WET BULB				WIND DIRLN			
Niskun #		PRESSURE				PRI. TEMP.				SEC. TEMP.			
5		50											
6		60											
8		80											
9		90											
10		100											
11		110											
17		170											
20		200											
21		210											
22		220											
23		230											
24		240											
25		250											
26		260											
27		270											
28		280											
29		290											
30		300											
31		310											
32		320											
33		330											
34		340											
35		350											
36		360											
37		370											
38		380											
39		390											
40		400											
41		410											
42		420											
43		430											
44		440											
45		450											
46		460											
47		470											
48		480											
49		490											
50		500											
51		510											
52		520											
53		530											
54		540											
55		550											
56		560											
57		570											
58		580											
59		590											
60		600											
61		610											
62		620											
63		630											
64		640											
65		650											
66		660											
67		670											
68		680											
69		690											
70		700											
71		710											
72		720											
73		730											
74		740											
75		750											
76		760											
77		770											
78		780											
79		790											
80		800											
81		810											
82		820											
83		830											
84		840											
85		850											
86		860											
87		870											
88		880											
89		890											
90		900											
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94		940											
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97		970											
98		980											
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210		2100											
211		2110											
212		2120											
213		2130											
214		2140											
215		2150											
216		2160											
217		2170											
218		2180											
219		2190											
220		2200											
221		2210											
222		2220											
223		2230											
224		2240											
225		2250											
226		2260											
227		2270											
228		2280											
229		2290											
230		2300											
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235		2350											
236		2360											
237		2370											
238		2380											
239		2390											
240		2400											
241		2410											
242		2420											
24													

VESSEL										PROJECT & LEG										STATION DESIGNATION									
R/V Kilo Moana										KM0305b																			
58.88										54.37										2236									
CONSC CAST #										DATE ID=										TIME (GMT)									
LATITUDE										LONGITUDE										WET BULB									
DEG MIN										DEG MIN										WET BULB (°C)									
1128										14954.54										9.2									
5758.94										0545										5.7									
N										W										18									
SBE 9+										TIME										WIND DIRL									
PRESS SN										DATA ON										WIND DIRL (deg)									
PRI TEMP SN										START DOWN										WIND SPD (m/s)									
SEC TEMP SN										AT DEPTH										WIND DIRL (deg)									
PRI COND SN										AT SURFACE										WIND DIRL (deg)									
SEC COND SN										PAR S/N										WIND DIRL (deg)									
POS.										CTD CONVERTED MONITOR VALUES										WIND DIRL (deg)									
TRIP DEPTH										PRI TEMP.										WIND DIRL (deg)									
1 bottom										5										WIND DIRL (deg)									
2 200										6										WIND DIRL (deg)									
3 150										8										WIND DIRL (deg)									
4 125										9										WIND DIRL (deg)									
5 100										10										WIND DIRL (deg)									
6 60										11										WIND DIRL (deg)									
7 50										17										WIND DIRL (deg)									
8 40										20										WIND DIRL (deg)									
9 30										21										WIND DIRL (deg)									
10 20										22										WIND DIRL (deg)									
11 10										23										WIND DIRL (deg)									
12 0										24										WIND DIRL (deg)									

[illegible]

VESSEL R/V Kilo Moana		PROJECT & LEG KM0305b				DSDB I.D.				STATION DESIGNATION STB07			
CONSC CAST #		LATITUDE				LONGITUDE				DATE JD=			
130		57 49.89 N				15 05.13 W				06 MAY 03			
SBE 9+		TIME				TIME (GMT)				TIME (GMT)			
PRESS SN		DATA ON				0142				0152			
PRI TEMP SN		START DOWN				0146				0152			
SEC TEMP SN		AT DEPTH				0152				0152			
PRI COND SN		AT SURFACE											
SEC COND SN		PAR S/N				FLUOR S/N							
TRIP DEPTH		CTD CONVERTED MONITOR VALUES				DATA LOCATION				REMARKS			
POS.		PRESSURE				PRI. TEMP.				SEC. TEMP.			
1		5								SALINITY			
2		6								SALINITY			
3		8								SALINITY			
4		9								SALINITY			
5		10								SALINITY			
6		11								SALINITY			
7		17								SALINITY			
8		20								SALINITY			
9		21								SALINITY			
10		22								SALINITY			
11		23								SALINITY			
12										SALINITY			
SAL.		NUTR.				CHL.				WHIT'S NUTR.			
5		53											
6		54											
8		55											
9		56											
10		57											
11		58											
17		59											
20		60											
21		61											
22		62											
23		63											
WIND DIR.		WIND SPD.				WEATHER				BOTTOM DEPTH			
70		18				262				210			
WET BULB		WET BULB				WET BULB				WET BULB			
5.2		5.2				5.2				5.2			
DRY BULB		DRY BULB				DRY BULB				DRY BULB			
8.5		8.5				8.5				8.5			
SEA STATE		SEA STATE				SEA STATE				SEA STATE			
4		4				4				4			
VISIBILITY		VISIBILITY				VISIBILITY				VISIBILITY			
7		7				7				7			
WIND DIR.		WIND DIR.				WIND DIR.				WIND DIR.			
70		70				70				70			
WIND SPD.		WIND SPD.				WIND SPD.				WIND SPD.			
18		18				18				18			
CLOUD (amt)		CLOUD (amt)				CLOUD (amt)				CLOUD (amt)			
2		2				2				2			
CLEANED AIR BLEED VALVE		CLEANED AIR BLEED VALVE				CLEANED AIR BLEED VALVE				CLEANED AIR BLEED VALVE			
MAX. DEPTH =		MAX. DEPTH =				MAX. DEPTH =				MAX. DEPTH =			
m		m				m				m			

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
R/V Kilo Moana		KM0305b				STB08	
CONSC CAST #		LATITUDE		09.31		183	
1315746.75N		15009.43W		0306		18287808	
SBE 9+		TIME		DATE		REMARKS	
PRESS SN		DATA ON		TIME (GMT)		WIND DIRN.	
PRI TEMP SN		START DOWN		HR MIN		(deg)	
SEC TEMP SN		AT DEPTH		YR MO DAY		(m/s)	
PRI COND SN		AT SURFACE		WET BULB		(m)	
SEC COND SN		PAR S/N		FLUOR S/N		CLEANED AIR BLEED VALVE	
TRIP DEPTH		CTD CONVERTED MONITOR VALUES		Tape/Diskette ID		MAX. DEPTH - m	
POS.		PRESSURE		PRI TEMP.		SALINITY	
1 bottom		5.4				5.207	
2 150		6.1				6.6	
3 125		8.1				6.7	
4 100		9.1				6.8	
5 75		10.1				6.9	
6 50		11.1				7.0	
7 40		17.1				7.1	
8 30		20.1				7.2	
9 20		21.1				7.3	
10 10		22.1				7.4	
11 0		23.1					
12							

[illegible]

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
R/V Kilo Moana		KM0305b				STA02	
CONSC #		44,31		DATE JD		193	
LATITUDE		07.04		TIME (GMT)		WIND DIR.	
LONGITUDE		15047.1		DRY BULB (°C)		WIND SPD. (m/s)	
DEG MIN		15 04 7.1		WET BULB (°C)		WIND TYPE	
1305744.133N		15047.12W		PRESSURE (mb)		WEATHER	
SBE 9+		JD/TIME		SEA STATE		CLOUD (amt)	
PRESS SN		DATA ON		VISIBILITY		REMARKS	
PRI TEMP SN		START DOWN		Tape/Diskette ID		File Name/Header	
SEC TEMP SN		AT DEPTH		Tape/Diskette ID		File Name/Header	
PRI COND SN		AT SURFACE		Tape/Diskette ID		File Name/Header	
SEC COND SN		AT SURFACE		Tape/Diskette ID		File Name/Header	
PAR S/N		FLUOR S/N		MAX. DEPTH =		m	
CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER			
POS.	TRIP DEPTH	DISK #	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL.
1	bottom	5	5				85
2	175	6	6				86
3	150	8	8				87
4	125	9	9				88
5	100	10	10				89
6	75	11	11				90
7	50	12	12				91
8	40	20	20				92
9	30	21	21				93
10	20	22	22				94
11	10	23	23				95
12	0	24	24				96

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5	6	8	9	10	11	17	20	21	22	23	24
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VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
R/V Kilo Moana		KMO309		KMO309		KMO309	
CONSC CAST #		LATITUDE		LONGITUDE		DATE	
DEG MIN		DEG MIN		DAY MO YR		TIME (GMT)	
137 57.12 N		149 28.15 W		06 MAY 03		12 17 07	
SBE 9+		TIMES		JD/TIME		DATA LOCATION	
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 = 190 m	
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.	
5 1 Bottom							
6 2 150							
8 3 125							
9 4 100							
10 5 75							
11 6 50							
17 7 40							
20 8 30							
21 9 20							
22 10 10							
23 11 0							
24 12							
WIND DIRN.		WIND SPD.		WET BULB		WIND DIRN.	
11		11		(°C)		(m/s)	
SEA STATE		PRESSURE		WET BULB		WIND DIRN.	
3		(mb)		(°C)		(deg)	
CLOUD (amt)		WET BULB		WIND SPD.		WIND DIRN.	
10		(°C)		(m/s)		(deg)	
WEATHER		WET BULB		WIND SPD.		WIND DIRN.	
10193		(°C)		(m/s)		(deg)	
BOTTOM DEPTH		WET BULB		WIND SPD.		WIND DIRN.	
190		(°C)		(m/s)		(deg)	
STA. NAME/ID		WET BULB		WIND SPD.		WIND DIRN.	
STAG		(°C)		(m/s)		(deg)	
REMARKS		WET BULB		WIND SPD.		WIND DIRN.	
Cleared air bleed valve		(°C)		(m/s)		(deg)	
MAX. DEPTH = 190 m		WET BULB		WIND SPD.		WIND DIRN.	
		(°C)		(m/s)		(deg)	
SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA	
SALINITY		SALINITY		SALINITY		SALINITY	
209		209		209		209	
NUTR.		NUTR.		NUTR.		NUTR.	
130		130		130		130	
CHL		CHL		CHL		CHL	
131		131		131		131	
WHIT'S NUTR.		WHIT'S NUTR.		WHIT'S NUTR.		WHIT'S NUTR.	
132		132		132		132	
133		133		133		133	
134		134		134		134	
135		135		135		135	
136		136		136		136	
137		137		137		137	
138		138		138		138	
139		139		139		139	
140		140		140		140	

5 6 8 9 10 11 17 20 21 22 23

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
R/V Kilo Moana		KM03058		KM0309		126	
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)
DEG	MIN	DEG	MIN	DAY	MO	YR	HR MIN
14	05	03	10	06	06	03	15
SBE 9+							
PRESS SN	DATA ON		TAPES/DISKETTE ID		FILE NAME/HEADER		REMARKS
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 = 109 m		
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL.	WHIT'S NUTR.
5	bottom						
6	80					164	
8	60					165	
9	40					166	
10	20					167	
11	20					168	
17	10					169	
20	0					170F	
21						171F	
22							
23							
24							

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
R/V Kilo Moana		KN0309		KN0309b		SAB1	
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)
DEG MIN	DEG MIN	DEG MIN	DAY	MO	YR	HR	MIN
1415805.97	N	14904.62	W	06	M	17	13
SBE 9+		JD/TIME		TAPES/DISKETTE ID		FILE NAME/HEADER	
PRESS SN	DATA ON		START DOWN		AT DEPTH		AT SURFACE
PRI TEMP SN	DATA ON		START DOWN		AT DEPTH		AT SURFACE
SEC TEMP SN	DATA ON		START DOWN		AT DEPTH		AT SURFACE
PRI COND SN	DATA ON		START DOWN		AT DEPTH		AT SURFACE
SEC COND SN	DATA ON		START DOWN		AT DEPTH		AT SURFACE
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
1	Bottom	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL	WHIT'S NUTR.
2	60					1	
3	40					2	
4	20					3	
5	20					4	
6	10					5F	
7	0					6F	
8						7F	
9							
10							
11							
12							

5 6 8 9 10 11 17 20 21 22 23 24

VESSEL R/V Kilo Moana		PROJECT & LEG KM0305b		DSDB ID. KM0309		STATION DESIGNATION	
CONSC CAST #		LONGITUDE		DATE		TIME (GMT)	
DEG	MIN	DEG	MIN	DAY	MO	YR	HR MIN
14	25	13	01	14	06	03	18
LATITUDE		LONGITUDE		DATE		TIME (GMT)	
DEG	MIN	DEG	MIN	DAY	MO	YR	HR MIN
14	25	13	01	14	06	03	18
TIME		DATA ON		Tape/Diskette ID		File Name/Header	
PRESS SN		START DOWN					
PRI TEMP SN		AT DEPTH					
SEC TEMP SN		AT SURFACE					
PRI COND SN		PAR S/N		FLUOR S/N		MAX. DEPTH = 125 m	
SEC COND SN		PAR S/N		FLUOR S/N		MAX. DEPTH = 125 m	
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.	
1	Bottom						
2	100						
3	75						
4	50						
5	40						
6	30						
7	20						
8	10						
9	0						
10							
11							
12							
WIND DIRN.		WIND SPD.		WET BULB		WIND DIRN.	
(deg)		(m/s)		(°C)		(deg)	
24		4		10		24	
SEA STATE		PRESSURE		WET BULB		WIND DIRN.	
3		(mb)		(°C)		(deg)	
8		1033		104		24	
VISIBILITY		WIND DIRN.		WET BULB		WIND DIRN.	
8		(deg)		(°C)		(deg)	
8		24		10		24	
CLOUD (amt)		WIND SPD.		WET BULB		WIND DIRN.	
5		(m/s)		(°C)		(deg)	
5		10		10		24	
WEATHER		WIND DIRN.		WET BULB		WIND DIRN.	
2		(deg)		(°C)		(deg)	
2		24		10		24	
STA. NAME/ID		WIND SPD.		WET BULB		WIND DIRN.	
SAB2		(m/s)		(°C)		(deg)	
10127		10		10		24	

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6
8
9
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11
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24

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