

12.0 7.5

164

VESSEL University of Hawaii R/V Kilo Moana										PROJECT & LEG KM03- , leg 1				DSD8 I.D.		STATION DESIGNATION																
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB (°C)		WET BULB (°C)		PRESSURE (mb)		SEA STATE VISIBILITY		WIND DIRN. (deg)		WIN D SPD. (m/s)		CLOUD (amt) TYPE		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID				
DEG	MIN	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	°C	°C	mb	SEA STATE	VISIBILITY	DIRN.	SPD.	TYPE	WEATHER	WIN D SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID							
4	23	58	24	9	4	15	14	3	4	36	12.0	7.5	19.2	8	3	2	5	1	1	1	1	1	1	1	1	1	1	1	1			
SBE 9+										DATA LOCATION										REMARKS												
PRESS SN 75662 (9/99)										Tape/Diskette ID										File Name/Header												
PRI TEMP SN 1503 (9/12/02)										START DOWN																						
SEC TEMP SN 2013 (1/23/03)										AT DEPTH																						
PRI COND SN 1178 (9/13/02)										AT SURFACE																						
SEC COND SN 1176 (1/23/03)										FLUOR S/N 4603 (V6) (3/24/03)										Seapoint FLUOR S/N 2441 (V0) (12/02)												
CTD CONVERTED MONITOR VALUES										SALINITY										SALINITY												
PRESSURE										PRI. TEMP.										SEC. TEMP.												
TRIP DEPTH										SALINITY										SALINITY												
1	1	bot																														
2	2	120																														
3	3	100																														
4	4	80																														
5	5	60																														
6	6	40																														
7	7	30																														
8	8	20																														
9	9	10																														
10	10	0																														
11	11																															
12	12																															

1 3 5 7 9 11 13 15 17 19

VESSEL										PROJECT & LEG										STATION DESIGNATION									
R/V Kilo Moana										KM0305b										DSDB I.D.									
25.74										31.82										0736									
CONSC CAST #										LONGITUDE										TIME (GMT)									
LATITUDE										DATE										WET BULB									
DEG MIN										DAY MO YR										DRY BULB									
4245.72N										15132.62W 30 MAY 03										6.712.9									
SBE 9+										TIME										DATA LOCATION									
PRESS SN										DATA ON										Tape/Diskette ID									
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									
POS. TRIP DEPTH										CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE DATA									
1 bottom										PRESSURE										SALINITY									
2 150										PRI. TEMP.										SALINITY									
3 125										SEC. TEMP.										SALINITY									
4 100																													
5 80																													
6 60																													
7 50																													
8 40																													
9 20										leaker																			
10 10										gusher (bad leaken)																			
11 0																													
12																													

27 26 19 18 17 11 10 9 8 7 6

VESSEL		PROJECT & LEG		DSD8 I.D.		STATION DESIGNATION																									
R/V Kilo Moana		KM0305b																													
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 120		TIME (GMT)		DRY BULB		WET BULB		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID			
		MIN		DEG		MIN		HR		MIN		MIN		MIN		MIN		MIN		MIN		MIN		MIN		MIN		MIN			
0265027.44		N		151100.5		W		101900.00		006.0		006.0		0103028720		* * *		* * *		* * *		* * *		* * *		* * *		* * *			
SBE 9+		JD/TIME		TIMES		DATA ON		START DOWN		AT DEPTH		AT SURFACE		PAR S/N		FLUOR S/N		Tape/Diskette ID		File Name/Header		REMARKS		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
PRESS SN																															
PRI TEMP SN																															
SEC TEMP SN																															
PRI COND SN																															
SEC COND SN																															
POS.		TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.									
1		Bottom														53		32		138											
2		00																33		138											
3		60																		138											
4		40																		138											
5		30																		37F											
6		20																		38F											
7		10																		39F											
8		0																													
9																															
10																															
11																															
12																															

VESSEL		PROJECT & LEG		DSD8 I.D.		STATION DESIGNATION																									
R/V Kilo Moana		KMO305b		KMO309																											
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 120		TIME (GMT)		DRY BULB		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)			
0275020.13		N 15056.10		W 304.10		30 APR 03		114608.20		20.0		20.0		30.2		30.2		30.2		416		416		X10077		AP05					
SBE 9+		TIMES		JD/TIME																											
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																															
1 Bottom																															
2 60																															
3 60																															
4 40																															
5 30																															
6 20																															
7 10																															
8 0																															
9																															
10																															
11																															
12																															

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

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION																									
R/V Kilo Moana		KM0305b																													
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 120		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	DAY	MO	YR	HR	MIN	(°C)	(mb)	*	*	*	*	(deg)	(m/s)	*	*	*	*	*	*	*	(m)						
02850	28	50	15	05	13	W	30	A	P	03	13	00	08	2	06	0	11	03	8	2	9	4	1	7	16	1	00	08	A	P	06
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																														
1	Bottom																														
2	60																														
3	40																														
4	30																														
5	20																														
6	10																														
7	0																														
8																															
9																															
10																															
11																															
12																															

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

[illegible]

VESSEL R/V Kilo Moana		PROJECT & LEG KMD305b		DSDB I.D.		STATION DESIGNATION																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD- 120		TIME (GMT)		DRY BULB		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
0305035.35 N		15040.02 W		30 APR 03		151408.00		06.21		06.21		06.21		06.21		06.21		06.21		06.21		06.21		06.21		06.21		06.21		06.21	
SBE 9+		TIMES		JD/TIME		DATA ON		Tape/Diskette ID		DATA LOCATION		REMARKS																			
PRESS SN																															
PRI TEMP SN																															
SEC TEMP SN																															
PRI COND SN																															
SEC COND SN																															
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	SAL.	NUTR.	CHL.	WHIT'S NUTR.	
1	Bottom						57	64			
2	150							65			
3	125							66			
4	100							67			
5	80							68			
6	60							69	138		
7	40							70 F	138		
8	30							71 F	138		
9	20							72 F	138		
10	10							73 F	138		
11	0							74 F	139		
12											

6 7 8 9 10 11 17 18 20 21 22 23

ok

VESSEL R/V Kilo Moana		PROJECT & LEG KMO305b		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)			
03	15	8	40	7	1	20	16	24	08	10	6	3	18	3	8	2	8	3	18	4	2	1	0	1	9	6	GP 6a
SBE 9+		TIMES		JD/TIME		DATE		TIME		WET BULB		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
PRESS SN		DATA ON		JD/TIME		DATE		TIME		WET BULB		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
PRI TEMP SN		START DOWN		JD/TIME		DATE		TIME		WET BULB		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
SEC TEMP SN		AT DEPTH		JD/TIME		DATE		TIME		WET BULB		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
PRI COND SN		AT SURFACE		JD/TIME		DATE		TIME		WET BULB		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
SEC COND SN		PAR S/N		JD/TIME		DATE		TIME		WET BULB		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
POS.		TRIP DEPTH		CTD CONVERTED MONITOR VALUES		FLUOR S/N		Tape/Diskette ID		WET BULB		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
1		Bottom		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL		NUTR.		CHL.		WHIT'S NUTR.		MAX. DEPTH =		m			
2		175																									
3		150																									
4		125																									
5		100																									
6		80																									
7		60																									
8		40																									
9		30																									
10		20																									
11		10																									
12		0																									

5 6 8 9 10 11 17 18 20 21 22 23

[illegible]

VESSEL		PROJECT & LEG		DSOB I.D.		STATION DESIGNATION																										
R/V Kilo Moana		KMO305b																														
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 170		TIME (GMT)		DRY BULB		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
03358	49.25	15052	91	W	30	A	P	R	0	3	19	12	08	40	6.5	19	38	20	2	13	32	10	18	7	9	P5						
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	SAL.	NUTR.	CHL.	WHIT'S NUTR.																						
2	175						60	98																								
3	150							99																								
4	125							100																								
5	100							101																								
6	80							102																								
7	60							103																								
8	40							104	138																							
9	30							105	138																							
10	20							106	138																							
11	10							107	138																							
12	0							108	138																							
								109	139																							

5
6
8
9
10
11
17
18
20
21
22
23

5 6 8 9 10 11 13 18 20 21 22 23

first sta w/o filtered nuts at top

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION																															
R/V Kilo Moana		KMO305b																																			
CONSC #		59		06/03/01		150		59.41		DATE JD=		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH		STA. NAME/ID			
CAST #		437		59		4		4		N		150		59.41		40		W		4		0		1		2		6		1		2		2		2	
SBE 9+																																					
PRESS SN																																					
PRI TEMP SN																																					
SEC TEMP SN																																					
PRI COND SN																																					
SEC COND SN																																					
POS.		TRIP DEPTH		DISK #		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY			
1		bottom		5																																	
2		150		6																																	
3		125		8																																	
4		100		9																																	
5		80		10																																	
6		60		11																																	
7		40		12																																	
8		30		13																																	
9		20		14																																	
10		10		15																																	
11		0		16																																	
12				17																																	

CTD CONVERTED MONITOR VALUES

SAMPLE BOTTLE DATA

SAMPLE BOTTLE NUMBER

SAL

NUTR.

CHL.

WHY'S

NUTR.

65

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245

246

247

248

249

250

251

252

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268

269

270

271

272

273

274

275

276

277

278

279

280

281

282

283

284

285

286

287

288

289

290

291

292

293

294

295

296

297

298

299

300

301

302

303

304

305

306

307

308

309

310

311

312

313

314

315

316

317

318

319

320

321

322

323

324

325

326

327

328

329

330

331

332

333

334

335

336

337

338

339

340

341

342

343

344

345

346

347

348

349

350

351

352

353

354

355

356

357

358

359

360

361

362

363

364

365

366

367

368

369

370

371

372

373

374

375

376

377

378

379

380

381

382

383

384

385

386

387

388

389

390

391

392

393

394

395

396

397

398

399

400

401

402

403

VESSEL		PROJECT & LEG		DSD8 I.D.		STATION DESIGNATION																						
R/V Kilo Moana		KM0305b																										
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB (°C)		WET BULB (°C)		PRESSURE (mb)		SEA STATE		WIND DIRN.		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
4385	09.50	151	00.60	W	41	M	A	Y	03	021	11.0	9.0	20	18	4	7	5	4	3	1	6	2			69	gph		
SBE 9+		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS																		
PRESS SN		DATA ON		START DOWN		AT DEPTH		AT SURFACE		PAR S/N		FLUOR S/N																
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																						
1 70		Nisk #		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL		NUTR.		CHL		NUTR.		CHL		NUTR.		CHL		
2 60																												
3 40																												
4 30																												
5 20																												
6 10																												
7 0																												
8																												
9																												
10																												
11																												
12																												

5 6 8 9 10 11 12

VESSEL		PROJECT & LEG				DSD8 ID.		STATION DESIGNATION													
R/V Kilo Moana		KM0305b						DAB													
CONSC CAST #	LATITUDE		LONGITUDE		DATE		JD	TIME (GMT)	DRY BULB	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)			
439591A	04	N	15201	090	W	01	12	0803	07	06	22	30	3	30	13	*	10085		KE1		
SBE 9+																					
PRESS SN																					
PRI TEMP SN																					
SEC TEMP SN																					
PRI COND SN																					
SEC COND SN																					
DATA LOCATION																					
Tape/Diskette ID																					
File Name/Header																					
Cleaned air bleed valve																					
MAX. DEPTH = m																					
REMARKS																					
CTD CONVERTED MONITOR VALUES																					
POS. TRIP DEPTH		Wiskat #		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL		NUTR.		CHL		WHIT'S NUTR.	
1	Bottom														67						
2	60															161					
3	40															162					
4	30																				
5	20																				
6	10																				
7	0																				
8																					
9																					
10																					
11																					
12																					

5 6 8 9 10 11 17 18 20 21 22 23

VESSEL R/V Kilo Moana	PROJECT & LEG KM0305b	DSDB I.D.	STATION DESIGNATION																														
CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN	DATE JD= 121 DAY MO YR						TIME (GMT) HR MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRLN (deg)	WIND SPD. (m/s)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID												
04059	11.63N	152.64E	15	26	4	59	W	04	1	M	A	Y	03	09	08	3	00	16	*	*	*	101	KE2										
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 = m											
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 80																			68	5													
3 60																				6													
4 40																				7													
5 30																				8													
6 20																				9													
7 10																				10													
8 0																				11													
9																				12													
10																																	
11																																	
12																																	

5 6 8 9 10 11 17 18 20 21 22 23

VESSEL R/V Kilo Moana		PROJECT & LEG KM0305b		DSD8 I.D.		STATION DESIGNATION <i>LB</i>	
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD- 121	
DEG	MIN	DEG	MIN	DAY	MO	YR	
04	25	06	49	N	15	20	09
SBE 9+		TIMES		JD/TIME		TIME (GMT)	
PRESS SN		DATA ON		START DOWN		WIND DIRN.	
PRI TEMP SN		AT DEPTH		AT SURFACE		WIND SPD.	
SEC TEMP SN		AT DEPTH		AT SURFACE		WIND DIRN.	
PRI COND SN		AT DEPTH		AT SURFACE		WIND DIRN.	
SEC COND SN		AT DEPTH		AT SURFACE		WIND DIRN.	
PAR S/N		FLUOR S/N		Tape/Diskette ID		File Name/Header	
CLEANED AIR BLEED VALVE		MAX. DEPTH = 159 m		REMARKS		STATION DESIGNATION	
CLEANED AIR BLEED VALVE		MAX. DEPTH = 159 m		REMARKS		STATION DESIGNATION	

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	NUTR.	CHL.	
1	Bottom									
2	125									
3	100									
4	80									
5	60									
6	40									
7	30									
8	20									
9	10									
10	0									
11										
12										

5 6 8 9 10 11 17 18 20 21 22 23

lake

VESSEL R/V Kilo Moana		PROJECT & LEG KW0305b				DSD8 I.D.		STATION DESIGNATION <i>LAB</i>																																									
CONSC CAST #		LATITUDE				LONGITUDE				DATE JD= 121				TIME (GMT)		DRY BULB		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID													
0435903.50		N 15 21 7.09				W 101 M A Y 03				11 50 06.7		06.7		06.7		06.7		06.7		06.7		06.7		06.7		06.7		06.7		06.7		06.7		06.7															
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																																																	
POS.		TRIP DEPTH				CTD CONVERTED MONITOR VALUES				FLUOR S/N				MAX. DEPTH = 134 m																																			
5		Bottom				PRESSURE				PRI. TEMP.				SEC. TEMP.				SALINITY				SALINITY				SAL				NUTR.				CHL.				WHIT'S NUTR.											
6		100																																															
8		80																																															
9		60																																															
10		40																																															
11		30																																															
17		20																																															
18		10																																															
20		0																																															
21																																																	
22																																																	
23																																																	

5 6 8 9 10 11 17 18 20 21 22 23

VESSEL R/V Kilo Moana		PROJECT & LEG KM0305b		DSDB ID.		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													
0445901.17		N 15 21 4.13		W 01 13		12 1		12 52 06.50		06.024		3025217		* * *		* * *		* * *		* * *		* * *		10134		KE6													
SBE 9+		TIMES		JD/TIME		DATE		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (amt)		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		WHT's NUTR.													
1		Bottom		100		80		60		40		30		20		10		0		72		42		43		44		45		46		47		48		49		50	
2		100		80		60		40		30		20		10		0																							
3		80		60		40		30		20		10		0																									
4		60		40		30		20		10		0																											
5		40		30		20		10		0																													
6		30		20		10		0																															
7		20		10		0																																	
8		10		0																																			
9		0																																					
10																																							
11																																							
12																																							

leaf

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

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION		
R/V Kilo Moana		KM0305b						
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD- 121		TIME (GMT)	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR
0475847.04	N	15221.53	W	01	M	A	Y	03
SBE 9+	TIDES		JD/TIME		DATA LOCATION		REMARKS	
PRESS SN	DATA ON				Tape/Diskette ID			
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 = 130 m	
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL.	WHIT'S NUTR.	
1	Bottom					162		
2	100					169		
3	80					70		
4	60					71		
5	40					72		
6	30					73		
7	20					74		
8	10					75		
9	0					76		
10								
11								
12								

leak
didn't fix

5
6
8
9
10
11
17
18
20
21
22
23

VESSEL		PROJECT & LEG		DSDB ID.		STATION DESIGNATION		
R/V Kilo Moana		KMO305b						
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD- 121		TIME (GMT)	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR
0485844	15	22	22	52	W	01	MAY	18
SBE 9+	JD/TIME		TAPES		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 = 110 m	
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	
1	Bottom						1623	
2	80						75	
3	60						76	
4	40						77	
5	30						78	
6	20						79	
7	10						80	
8	0						81	
9							82	
10								
11								
12								

5
6
8
9
10
11
17
18
21
22
23
24

5	1	Bottom
6	2	125
8	3	100
9	4	80
10	5	60
11	6	40
17	7	30
20	8	20
21	9	10
22	10	0
23	11	
24	12	

VESSEL		PROJECT & LEG		DSOB ID.		STATION DESIGNATION																					
R/V Kilo Moana		KM0305b																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 121		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		WIND TYPE		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
		DEG MIN		DEG MIN		DAY MO YR		HR MIN		WET BULB (°C)		(mb)		* * *		(deg)		(m/s)		* * *		* * *		(m)			
0505839.85		N 15224.68		W 01 M A Y 03		2634		7.4		6.326		3825025		271		72		5E5									
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		PRESSURE		PRL TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL		NUTR.		CHL.		WHIT'S NUTR.									
1 Bottom																											
2 60																											
3 40																											
4 30																											
5 20																											
6 10																											
7 0																											
8																											
9																											
10																											
11																											
17																											
20																											
21																											
23																											
24																											
1																											

5 6 8 9 10 11 17 20 21 23 24 1

VESSEL		PROJECT & LEG				DSD8 I.D.		STATION DESIGNATION																													
R/V Kilo Moana		KM0305b Kilo 347b																																			
CONSC CAST #		LATITUDE				LONGITUDE				DATE JD-		TIME (GMT)		DRY BULB		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID			
		DEG MIN				DEG MIN				DAY MONTH YEAR		HR MIN		°C		°C		(mb)		+		+		(deg)		(m/s)		+		+		(m)					
4515732.44N		15142.4				15142.4				2003		0544		28.3		27.4		26.3		38		2411		11		663		820		609							
SBE 9+		JD/TIME				DATA LOCATION				Tape/Diskette ID		File Name/Header		REMARKS																							
PRESS SN		DATA ON				START DOWN				AT DEPTH		AT SURFACE		PAR S/N		FLUOR S/N																					
PRI TEMP SN																																					
SEC TEMP SN																																					
PRI COND SN																																					
SEC COND SN																																					
POS. TRIP DEPTH		Niskin #				PRESSURE				PRL TEMP.				SEC. TEMP.				SALINITY				SALINITY				SAL.				NUTR.		CHL.		WHIT'S NUTR.			
1 bottom		54				54																				166				98							
2 60		64				64																								99							
3 40		84				84																								100							
4 30		94				94																								101							
5 20		104				104																								102							
6 10		114				114																								103							
7 0		124				124																								104							
8																																					
9																																					
10																																					
11																																					
12																																					

[illegible]

[illegible]

[illegible]

VESSEL										PROJECT & LEG										STATION DESIGNATION																																					
R/V Kilo Moana										KMO305b KMO309										DSD8 I.D.																																					
CONSC CAST #		LATITUDE				LONGITUDE				DATE JD= 122				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)				* * *				* * *				* * *				* * *				* * *				* * *				* * *			
455		5724.31N				15121.87W				02 MAY 03				083608				207.8				207.8				253				724				913				410				170				CBA5											
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																																																									
5 1 Bottom																																																									
6 2 150																																																									
8 3 125																																																									
9 4 100																																																									
10 5 80																																																									
11 6 60																																																									
17 7 40																																																									
20 8 30																																																									
21 9 20																																																									
23 10 10																																																									
24 11 0																																																									
12																																																									

5
6
8
9
10
11
17
20
21
23
24

5	1	Bottom
6	2	125
8	3	100
9	4	80
10	5	60
11	6	40
17	7	30
20	8	20
21	9	10
23	10	0
24	11	
1	12	

VESSEL R/V Kilo Moana		PROJECT & LEG KM0309 KM0309		DSD8 I.D.		STATION DESIGNATION <i>LAB</i>																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 122		TIME (GMT)		DRY BULB		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
0575720.63 N		151 28.44 W		02 44		MAY 03		10 28 08		807.2		253		7240		13		10087		CBA3											
SBE 9+		TIMES		JD/TIME		DATA ON		START DOWN		AT DEPTH		AT SURFACE		PAR S/N		FLUOR S/N		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS							
PRESS SN																															
PRI TEMP SN																															
SEC TEMP SN																															
PRI COND SN																															
SEC COND SN																															
POS. TRIP DEPTH																															
5		Bottom																													
6		60																													
8		40																													
9		30																													
10		20																													
11		10																													
17		0																													
20																															
8																															
9																															
10																															
11																															
12																															

5 6 8 9 10 11 17 20

VESSEL R/V Kilo Moana		PROJECT & LEG KMO309		DSD8 I.D.		STATION DESIGNATION	
CONSC CAST #		DATE JD- 122		TIME (GMT)		WIND DIRN.	
LATITUDE		LONGITUDE		WET BULB		WIND SPD.	
DEG MIN		DEG MIN		WET BULB (°C)		(m/s)	
058 57 18.32 N		151 32.84 W		707.224		14	
SBE 9+		JD/TIME		DRY BULB (°C)		WIND DIRN.	
PRESS SN		TIME		DRY BULB (°C)		(deg)	
PRI TEMP SN		DATA ON		DRY BULB (°C)		WIND DIRN.	
SEC TEMP SN		START DOWN		DRY BULB (°C)		(deg)	
PRI COND SN		AT DEPTH		DRY BULB (°C)		WIND DIRN.	
SEC COND SN		AT SURFACE		DRY BULB (°C)		(deg)	
PAR S/N		FLUOR S/N		DRY BULB (°C)		WIND DIRN.	
TRIP DEPTH		CTD CONVERTED MONITOR VALUES		DRY BULB (°C)		(deg)	
POS.		PRESSURE		PRL TEMP.		SEC. TEMP.	
1 Bottom		171		153		153	
2 50		154		155		154	
3 40		156		157		155	
4 30		158		159		156	
5 20		159				157	
6 10						158	
7 0						159	
8							
9							
10							
11							
12							

5 6 8 9 10 11 17

VESSEL R/V Kilo Moana		PROJECT & LEG KM0309		DSD8 I.D.		STATION DESIGNATION <i>44</i>																							
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	
059		16.75 N		151.37 W		122		1202		08.0		07.3		24		3		16		16		10		063		CBA1			
SBE 9+		JD/TIME		TIME		DATE		TIME		DRY BULB		WET BULB		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
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 = 60 m							
SEC COND SN																													

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER			
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SAL.	NUTR.	CHL.	WHIT'S NUTR.		
5	Bottom												
6	50												
8	40												
9	30												
10	20												
11	10												
17	0												
8													
9													
10													
11													
12													

5
6
8
9
10
11
17