SeaSave *.CON file: EX1104_VENTS Target Position: 18 ° 22.59 'N/S 81 ° 47.91 'E/W

NOAA Ship Okeanos Explorer – Mid Cayman Rise / August 2011

SeaBird CTD

Press SN	0905
Temp SN (T1)	5001
Temp SN (T2)	5017
Cond SN	3449/3451
AD0: Alt	AD4:
AD1:	AD5: ORP_08
AD2: LSS-90	AD6: LSS_91
AD3:	AD7:

Start:
Lat: 18 ° 22.588 ' N Long: 81 ° 47.90 ' W

Cast Position (CTD at Depth):
Lat: 18 ° 22.589 ' N Long: 81 ° 47.896 ' W
Date/Time (Day/Mon/Yr): 14 / 08 / 11 UTC: 0037
CTD Depth: 2324 Alt: 24.262

End:
Lat: 18 ° 22.589 ' N Long: 81 ° 47.900 ' W

Cast Times (JD/UTC)

Data on	2351
@ sfc	2351
start down	2355
@depth	0036
start up	0036
@ sfc	0211
Data off	0211

Cast#: EX1104-CTD07_110814
Sta.Name: Mt Doom
Cruise: EX1104-MidCaymanRise
File Names:
EX1104-CTD07-110814

Backup Tape#:

Pos#	Nisken#	Tripped	Logged	Planned Depth	Actual Depth	Time (UTC)	Salinity	Theta	Pot.Den.	D-Theta	LSS	ORP	Alt	Comments
1	1	✓		2300	2324	0037	34.983	4.0190	27.771		0.0171	98,780	24.262	
2	2	✓			2324	0037								
3	3	✓		2300	2300	0050	34.984	3.987	27.775		0.0171	104.151	43.038	
4	4	✓			2300	0050								
5	5	✓		2280	2248	0055	34.984	3.995	27.774		0.01587	105,372	88.059	
6	6	✓			2248	0055								
7	7	✓		2200	2203	0058	34.984	4.004	27.773		0.01573	97,825	126.984	
8	8	✓			2203	0058								
9	9	✓		2150	2150	0101	34.984	4.0098	27.773		0.01099	93.139	176.752	
14	10	✓		2050	2047	0109	34.984	4.031	27.770		0.009	87.789		
15	11	✓		2000	1998	0111	34.984	4.047	27.769		0.012	60.687		
16	12	✓			1998	0111								

Special Tow/Cast Notes: *NOAA Ship Okeanos Explorer*
Mid Cayman Rise / August 2011

Cast#: EX1104-CTD07_110814
Sta.Name: Mt. Doom
Cruise: EX1104-MidCaymanRise

Pos#	Nisken#	Tripped	Logged	Planned Depth	Actual Depth	Time (UTC)	Salinity	Theta	Pot.Den.	D-Theta	LSS	ORP	Alt	Comments
17	13	✓		1970	1970	0117	34.981	4.049	27.768		0.010	37.487	—	
18	14	✓			1970									
19	15	✓		2150	2150	0128	34.984	4.010	27.772		0.010	28.693	177.778	Bottles misfired. Had to go down again to re-collect duplicates
20	16	✓		2110	2108	0131	34.984	4.017	27.772		0.012	30.158	—	
21	17	✓			2108	0131								
22	18	✓		2050	2050	0134	34.984	4.029	27.770		0.012	30.996	—	
23	19	✓		1900	1897	0137	34.984	4.047	27.769		0.010	17.212	—	
24	20	✓		1800	1800	0140	34.981	4.088	27.767		0.010	25.763	—	