

ROSETTE LOG SHEET

Data Filename:

H51382C1

.HEX

Cruise Name: SIMONS	Type of Cast: BOTTOM	Cast Number: 4
AE Cruise: AE 2008	Station: HYDROSTATION S	Depth of Cast: 3395 m

CTD	Time [z]	Date [z]	Latitude	Longitude
Turn on:	0030	20200619	32°10.019 N	-64°30.132 W
Turn off:	0316	20200619	32°10.408 N	-64°29.801 W

Marine Tech(s) on watch: ROC	BATS Tech(s) on watch: N/A
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Wind Direction [°]: 138°	Precipitation [mm]: —	Sea State: 3
Wind Speed [kts]: 13	Baro. Pressure [mb]: 1022	Swell [ft]: 22
Max Gusts [kts]: 15	UW Temp Primary [°C]: 24.001	Wind Waves [ft]: 2
SPP [W/m2]: —	UW Temp Second [°C]: 24.016	Cloud Cover: — / 8
Air Temp [°C]: 23.91	UW Salinity Primary: 36.558	Sounder Depth [m]: 3415
Humidity [%]: 92	UW Salinity Second: 36.590	

Niskin # on Rosette	Niskin # on SeaSave	Desired Depth [m]	Actual Depth [m]	Time Fired [z]	Temperature at bottle fire [°C]	Remarks
1	24	SFC	5	031611	28.533	
2	23	SFC	5	031600	23.529	
3	22	25	24	031311	22.483	
4	21	25	25	031300	22.468	
5	20	50	50	031101	21.791	
6	19	50	50	031050	21.791	
7	18	100	100	030831	20.188	
8	17	100	100	030820	20.193	
9	16	200	200	030501	19.291	
10	15	200	200	030450	19.300	
11	14	300	300	030121	18.808	
12	13	300	300	030110	18.804	
13	12	1000	1001	024411	6.436	024511
14	11	1000	1001	024500	6.434	024500
15	10	1600	1600	023026	4.338	
16	9	1600	1600	023015	4.336	
17	8	2000	2000	021941	3.701	
18	7	2000	2000	021930	3.698	
19	6	3000	2999	014426	2.663	015326
20	5	3000	3000	014408	2.662	015315
21	4	BOT	3395	014026	2.319	
22	3	BOT	3395	014015	2.319	
23	2					
24	1					

PAR Sensor: ON / OFF	DCM [m]: 100	MLD [m]:
ADCP [m/s & dir.]: 0.2 / NE	[ug/L] (Chelsea): N/A	STMW?:
		OMZ [m]: 777

Comments:

Chelsea lany cable (1 tank)

Time
of
bottle
fire.