

**SPOT CONSOLE OPERATIONS LOG**

Ship: R/V Yellowfin		Expedition/Leg: SPOT		Operator: T. Gunderson		Station/Cast#: Cast ID:		Raw Pressure on Deck: Start: End:		Sea State: Calm, SW swell 2', wind waves WNW < 1'			
Bottle No	Target Depth (m)	Time (UTC)			Raw Readouts							Comments	
		Stopped	Tripped	✓/0	Pressure	Depth (m)	Temp C°	Conductivity	Salinity (ppt)	Oxygen (ml/L)	Fluor. (ug/L)		
1	5	(0)	0850	✓								33° 32.98' N 118° 23.98' W	Wind speed/dir./cloud cover: 5 kts./WNW/< 50%
2	150	(0)	0857	✓									Cast Start: Date (UTC): 28 March, 2023
3	150	(0)	0906	✓									Time (UTC.HH:MM)
4	880	(0)		✓								33° 33.02' N 118° 23.69' W	Latitude
5	750	(130)		✓									Longitude
6	500	(380)	09:42	✓									Depth Uncorr. (m)
7	880	(0)		✓								33° 33.14' N 118° 23.35' W	Cast at Bottom: Time (UTC.HH:MM)
8	500	(380)		✓									Latitude
9	250	(630)	10:30	✓	→ steamed back to station								Longitude
10	DCM 9	(0)	11:08	✓								33° 33.00' N 118° 23.98' W	Depth Uncorr. (m)
11	DCM 9	(0)	11:11	✓									Max. CTD Corr. Pressure DB:
12	50	(0)	11:15	✓									Max. CTD depth (m)
Problems Noted:												Cast End: Time (UTC.HH:MM)	
(1) Surf. temp. = 13.76°C; Surf. Sal. = 33.17 ppt DCM = 9m (very broad in upper 35m)												Latitude	
(2) All times are local (UTC - 7 hrs)												Longitude	
Captain: Dennis Dunn		Crew: Dennis Mahaffy, Julianne Nicole				Chief Scientist: Troy Gunderson						Depth Uncorr. (m)	
Science Party: Troy Gunderson, Laura Furtado, Yuhai Raut, Clara Douglas													

Confirm bottle tripped: Enter check mark "✓" if confirmation received, "0" if no confirmation received.