

SPOT CONSOLE OPERATIONS LOG

Ship: R/V Yellowfin		Expedition/Leg: <u>SPOT</u> <u>Moynester Class</u>		Operator: Troy Gunderson		Station/Cast#: <u>S70T</u> Cast ID:		Raw Pressure on Deck: Start: End:		Sea State: <u>Calm; W swell 2-3';</u> <u>wind waves (ripples) ENE</u> Wind speed/dir./cloud cover: <u>5-10KTS./ENE/70-80%</u>			
Bottle No	Target Depth (m)	Time (UTC)		✓/0	Raw Readouts							Comments	
		Stopped	Tripped		Pressure	Depth (m)	Temp C°	Conductivity	Salinity (ppt)	Oxygen (ml/L)	Fluor. (ug/L)		
1	5	(0)	16:52	✓								33° 33.01'N 118° 24.12'W	Cast Start: Date (UTC): <u>12 Jan., 2022</u> Time (UTC.HH:MM)
2	150	(0)	16:58	✓								Fuhrman * WIES	Latitude
3	150	(0)	17:06	✓									Longitude
4	880	(0)		✓									33° 33.02'N 118° 24.46'W
5	500	(380)		✓								w/ <u>SEMI'S</u> <u>NEW CTD</u>	Cast at Bottom: Time (UTC.HH:MM)
6	250	(630)	17:37	✓									→ WIES
7	880	(0)		✓								Fuhrman * WIES	Longitude
8	500	(380)		✓									33° 32.99'N 118° 24.62'W
9	60	(820)	18:20	✓								→ WIES	Max. CTD Corr. Pressure DB:
10	50	(0)	18:56	✓									Max. CTD depth (m)
11	10	(0)	19:00	✓								→ WIES	Cast End: Time (UTC.HH:MM)
12	2	(0)	19:03	✓								33° 32.68'N 118° 24.94'W	Latitude
					Steamed back to station after this bottle								Longitude
Problems Noted:												Depth Uncorr. (m)	
(1) DCM = 13m ; Surf. temp ≈ 14.49°C ; Surf. sal. ≈ 33.34 ppt													
Captain: <u>Soel</u>		Crew: <u>Denis Mahaffey, Adriana Stowell,</u>				Chief Scientist: <u>Troy Gunderson</u>							
Science Party: <u>Yubin Raut, Rae Santora, Laura Furtado</u>													

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