

SPOT CONSOLE OPERATIONS LOG

(ESE)

Ship: R/V Yellowfin		Expedition/Leg: SPOT		Operator: Troy Gunderson		Station/Cast#: SPOT/1				Raw Pressure on Deck:		Sea State:			
Bottle		Time (UTC)		Depth (m)		Pressure		Raw Readouts				Start: End:		Wind speed/dir./cloud cover:	
No	Target	Stopped	Tripped	✓/0	Depth (m)	Temp. C°	Conductivity	Salinity (ppt)	Oxygen (mL)	Fluor. (ug/L)	Comments	Start	End	WS'W swell 3-4'	Wind waves < 1' (ripples)
1	885	16:24	16:26	✓	884.5					0.00	M.O. cast			S-10 Kts/ESE / < 5%	
2	885		16:26	✓	885.3									Date (UTC): 17 April, 2019	
3	885		16:27	✓	885.5									Time (UTC:HH:MM) 16:03	
4	500	16:38	16:39	✓	499.7					0.00				Latitude 33° 33.06' N	
5	500		16:39	✓	499.7									Longitude 118° 24.05' W	
6	150	16:48	16:50	✓	149.3					0.00				Depth Uncorr. (m)	
7	150		16:50	✓	149.9									Cast at Bottom:	
8	150		16:50	✓	149.6									Time (UTC:HH:MM) 16:24	
9	chlmax	16:55	16:56	✓	20.6					2.2-2.4				Latitude 33° 33.04' N	
10	chlmax		16:59	✓	20.7									Longitude 118° 24.16' W	
11	5	16:59	17:00	✓	4.9					0.55-0.66				Depth Uncorr. (m)	
12	5		17:00	✓	5.1									Max. CTD Corr. Pressure DB:	
Problems Noted:														Max. CTD depth (m)	
(1) DCW ≈ 20-21m (2) no pumps, so T, S, O ₂ not reliable; we put SCHEIS CTD on ROSEAR to get these values														Cast End:	
Captain: Dennis Dunn Science Party: Troy Gunderson, Bri-Harry Stewart, Cesar Espinoza, Melody Aleman, William Kumer														Time (UTC:HH:MM) 17:01	
														Latitude 33° 33.10' N	
														Longitude 118° 24.37' W	
														Depth Uncorr. (m)	
														Chief Scientist	Troy Gunderson

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