

SPOT CONSOLE OPERATIONS LOG

Ship: R/V Yellowfin		Expedition/Leg: SAT		Operator: T. Gunderson		Station/Cast#: SAT		Raw Pressure on Deck:		Sea State:				
Bottle		Target		Time (UTC)		Raw Readouts						Comments		
No	Depth (m)	Stopped	Tripped	✓/0	Pressure	Depth (m)	Temp C°	Conductivity	Salinity (ppt)	Oxygen (ml/L)	Floor (mft)			
1	5	(0)	16:03	✓	M, O ₂						12L	33° 32.89' N 118° 24.00' W	W/swell 2-3 wind waves < 1' W	
2	880	(0)		✓								12L	33° 32.75' N 118° 23.81' W	Wind speed/dir./cloud cover: 10-15 kts / W / patchy fog
3	500	(380)		✓								10L		Cast Start:
4	150	(730)	16:25	✓								12L		Date (UTC): 16 Sept, 2020
5	5	(0)	16:59	✓								12L	33° 32.47' N 118° 23.44' W	Time (UTC.HH:MM)
6	880	(0)		✓								10L	33° 32.33' N 118° 23.23' W	Latitude
7	500	(380)		✓								12L		Longitude
8	150	(730)	17:19	✓								12L		Depth Uncorr. (m)
9	880	(0)		✓								12L	33° 31.79' N 118° 22.36' W	Max. CTD Corr. Pressure DB:
10	150	(730)	18:30	✓								12L		Max. CTD depth (m)
11	(DCM) 29	(0)	19:26	✓								12L	33° 32.91' N 118° 23.97' W	Cast End:
12	(DCM) 29	(0)	19:30	✓								12L		Time (UTC.HH:MM)
Problems Noted:												Latitude		
(1) used SeM-T's Seabird CTD to get sensor data.												Longitude		
(2) DCM = 29m												Depth Uncorr. (m)		
(3) Hydraulic leak on one winch hose; Dewi replaced fittings. Took ~ 30 min.														
Captain: Joe Ingram		Crew: Dewi Mahaffy & Sam				Chief Scientist:		Troy Gunderson						
Science Party:		Troy Gunderson, Cesar Espinoza, Genid Ollison												

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