

SPOT CONSOLE OPERATIONS LOG

Ship: R/V Yellowfin		Expedition/Leg: SPOT		Operator: Troy Gunderson		Station/Cast#: <u>SPOT/2</u>		Raw Pressure on Deck: Start: End:		Sea State: <u>Calm, W swell 2' wind p/ps < 1' W</u>																																																																																																																																																																																																		
Cast ID: <u>20200527B_hex</u>		<table border="1"> <thead> <tr> <th rowspan="2">Bottle No</th> <th rowspan="2">Target Depth (m)</th> <th colspan="3">Time (UTC)</th> <th colspan="7">Raw Readouts</th> <th rowspan="2">Comments</th> </tr> <tr> <th>Stopped</th> <th>Tripped</th> <th>✓/0</th> <th>Pressure</th> <th>Depth (m)</th> <th>Temp C°</th> <th>Conductivity</th> <th>Salinity (ppt)</th> <th>Oxygen (m/L)</th> <th>Fluor. (ug/L)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>885</td> <td>18:20</td> <td>18:21</td> <td>✓</td> <td></td> <td>885.2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.00</td> <td>Wrigley cast</td> </tr> <tr> <td>2</td> <td>750</td> <td>18:27</td> <td>18:28</td> <td>✓</td> <td></td> <td>750.6</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.00</td> <td></td> </tr> <tr> <td>3</td> <td>500</td> <td>18:40</td> <td>18:41</td> <td>✓</td> <td></td> <td>500.4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.00</td> <td></td> </tr> <tr> <td>4</td> <td>250</td> <td>18:51</td> <td>18:52</td> <td>✓</td> <td></td> <td>249.8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-0.01</td> <td></td> </tr> <tr> <td>5</td> <td>150</td> <td>18:56</td> <td>18:57</td> <td>✓</td> <td></td> <td>150.6</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-0.03</td> <td></td> </tr> <tr> <td>6</td> <td>60</td> <td>19:02</td> <td>19:03</td> <td>✓</td> <td></td> <td>60.2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-0.01</td> <td></td> </tr> <tr> <td>7</td> <td>50</td> <td>19:04</td> <td>19:05</td> <td>✓</td> <td></td> <td>50.3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.00-0.02</td> <td></td> </tr> <tr> <td>8</td> <td>40</td> <td>19:06</td> <td>19:08</td> <td>✓</td> <td></td> <td>40.2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.22-0.26</td> <td></td> </tr> <tr> <td>9</td> <td><u>DCM (33)</u></td> <td>19:09</td> <td>19:11</td> <td>✓</td> <td></td> <td>32.7</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1.4-1.5</td> <td></td> </tr> <tr> <td>10</td> <td>20</td> <td>19:13</td> <td>19:14</td> <td>✓</td> <td></td> <td>20.5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.3-0.4</td> <td></td> </tr> <tr> <td>11</td> <td>10</td> <td>19:16</td> <td>19:17</td> <td>✓</td> <td></td> <td>10.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.16-0.20</td> <td></td> </tr> <tr> <td>12</td> <td>2</td> <td>19:18</td> <td>19:19</td> <td>✓</td> <td></td> <td>2.8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.03-0.08</td> <td></td> </tr> </tbody> </table>										Bottle No	Target Depth (m)	Time (UTC)			Raw Readouts							Comments	Stopped	Tripped	✓/0	Pressure	Depth (m)	Temp C°	Conductivity	Salinity (ppt)	Oxygen (m/L)	Fluor. (ug/L)	1	885	18:20	18:21	✓		885.2						0.00	Wrigley cast	2	750	18:27	18:28	✓		750.6						0.00		3	500	18:40	18:41	✓		500.4						0.00		4	250	18:51	18:52	✓		249.8						-0.01		5	150	18:56	18:57	✓		150.6						-0.03		6	60	19:02	19:03	✓		60.2						-0.01		7	50	19:04	19:05	✓		50.3						0.00-0.02		8	40	19:06	19:08	✓		40.2						0.22-0.26		9	<u>DCM (33)</u>	19:09	19:11	✓		32.7						1.4-1.5		10	20	19:13	19:14	✓		20.5						0.3-0.4		11	10	19:16	19:17	✓		10.0						0.16-0.20		12	2	19:18	19:19	✓		2.8						0.03-0.08		Wind speed/dir./cloud cover: <u>≤ 5 kts. / W / 95-100%</u> Cast Start: <u>27 May, 2020 17:57</u> Date (UTC): <u>27 May, 2020</u> Time (UTC.HH:MM) Latitude <u>33° 33.00' N</u> Longitude <u>118° 23.95' W</u> Depth Uncorr. (m) Cast at Bottom: Time (UTC.HH:MM) <u>18:20</u> Latitude <u>33°</u> Longitude <u>118°</u> Depth Uncorr. (m) Max. CTD Corr. Pressure DB: Max. CTD depth (m) Cast End: Time (UTC.HH:MM) <u>19:19</u> Latitude <u>33° 33.13' N</u> Longitude <u>118° 23.78' W</u> Depth Uncorr. (m)	
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(1) Pumps still not working (2) DCM = 36m downcast, but ≈ 33m on upcast																																																																																																																																																																																																												
Captain: <u>Joel</u>		Crew: <u>Devis Mahaffy & Sam</u>				Chief Scientist:		Troy Gunderson																																																																																																																																																																																																				
Science Party: <u>Cesar Ignacio Espin</u>		<u>& Gerid Ollison</u>																																																																																																																																																																																																										

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