

Integrative Oceanography Division Scripps Institution of Oceanography				Console Operations Log						Date: 10 February 2002 Operator: Fernando Ramirez		Cruise: 02015D CalCOFI Sta: CTD-LA-2(SE) Cast: 467 Filename: 0201467		
Nisk Pyl#	Bottle Trip#	Desired Depth(m)	Wire Out(m)	Time (PST)		Ctrl F3	Ctrl F5	Con- firm	ID# Pressure	ID# Temp.	ID# Conduct	Salinity	(x .001) Ck salt,Ck-CTD	
				Stopped	Tripped									
1	1	230	230	1122	1122	/	/	/	230.7	8.819	3.631	34.187		CTD Start Down
2	2	0	0	1127	1128	/	/	/	1.4	14.359	4.084	34.613		Time: 1117
3	3								.	.	.	.		Start Cast Depth: 265
4	4								.	.	.	.		Lat: 33 39.55
5	5								.	.	.	.		Lon: 118 17.14
6	6								.	.	.	.		Rosette Start Up
7	7								.	.	.	.		Time: 1123
8	8								.	.	.	.		Start Up Depth: 258
9	9								.	.	.	.		Lat: 33 33.54
10	10								.	.	.	.		Lon: 118 17.08
11	11								.	.	.	.		Additional sensors
12	12								.	.	.	.		Trans -
13	13								.	.	.	.		Fluor -
14	14								.	.	.	.		O2 -
15	15								.	.	.	.		Ref.PAR -
16	16								.	.	.	.		Rem.PAR -
17	17								.	.	.	.		Pump -
18	18								.	.	.	.		SeaBrd-
19	19								.	.	.	.		Pre-Cast
20	20								.	.	.	.		Deck Calib
21	21								.	.	.	.		Untied
22	22								.	.	.	.		Pull Tube
23	23								.	.	.	.		Rinse Glass
24	24								.	.	.	.		PAR Cap

Pressure On Deck - Begin: -0.014 End: -0.222

Chl Max - 40m Mixed Layer - 30

downcast 0-50m 30m/min

50-230 60m/min

upcast 230-0 60m/min

CalCOFI equivalent station

88.4 32.6

Btl's @ Surface ☒ Open > ☐ Closed

Markers _____ # Btl's tripped _____

Processing # 467

Post-Cast	
Tied down	<input type="checkbox"/>
Replace Tube	<input type="checkbox"/>
Flush w/ DI	<input type="checkbox"/>
Rinse Pylon	<input type="checkbox"/>
PAR Cap	<input type="checkbox"/>
Backup/Printout	<input type="checkbox"/>

Integrative Oceanography Division Scripps Institution of Oceanography				Console Operations Log							Date: 10 February 2002		Cruise: 020150		
											Operator: Fernando Ramirez		Sta: CTD-LA-2 (NE)		
Nisk Pyl	Bottle Trip#	Desired Depth(m)	Wire Out(m)	Time (PST)		Ctrl F3	Ctrl F5	Con- firm	ID# Pressure	ID# Temp.	ID# Conduct		(x.001) Ck salt,Ck-CTD	Cast: 468	Filename: 0201468
				Stopped	Tripped							Salinity			
1	1	50	50	1152	1152	/	/	/	51.3	11.523	3.811	33.570			CTD Start Down
2	2	0	0	1154	1154	/	/	/	1.5	14.248	4.073	33.613			Time: 1152
3	3								.	.	.	.			Start Cast Depth: 81
4	4								.	.	.	.			Lat: 33 37.07
5	5								.	.	.	.			Lon: 118 16.40
6	6								.	.	.	.			Rosette Start Up
7	7								.	.	.	.			Time: 1153
8	8								.	.	.	.			Start Up Depth: 80
9	9								.	.	.	.			Lat: 33 37.10
10	10								.	.	.	.			Lon: 118 16.37
11	11								.	.	.	.			Additional sensors
12	12								.	.	.	.			Trans -
13	13								.	.	.	.			Fluor -
14	14								.	.	.	.			O2 -
15	15								.	.	.	.			Ref.PAR -
16	16								.	.	.	.			Rem.PAR -
17	17								.	.	.	.			Pump -
18	18								.	.	.	.			SeaBrd-
19	19								.	.	.	.			Pre-Cast
20	20								.	.	.	.			Deck Calib
21	21								.	.	.	.			Untied
22	22								.	.	.	.			Pull Tube
23	23								.	.	.	.			Rinse Glass
24	24								.	.	.	.			PAR Cap

Pressure On Deck - Begin: -0.014 End: -0.153

Chl Max - 30 Mixed Layer - 30

downcast 0-50 30m/m
upcast

Bites @ Surface 1 open > 1 Closed

Markers 2 # Bites tripped 2

Processing # 468

Post-Cast	
Tied down	
Replace Tube	
Flush w/ DI	
Rinse Pylon	
PAR Cap	
Backup/Printout	

Integrative Oceanography Division Scripps Institution of Oceanography						Console Operations Log						Date: 18 February 2002		Cruise: 0201JD	
						Operator: Fernando Ramirez						Sta: CTD-LA-02A			
Nisk Pyln	Bottle Trip#	Desired Depth(m)	Wire Out(m)	Time (PST)		Ctrl F3	Ctrl F5	Con- firm	ID# Pressure	ID# Temp.	ID# Conduct	Salinity	(x .001) Ck salt, Ck-CTD	Cast: 469	Filename: 0201469
				Stopped	Tripped										
1	1	193	193	1220	1221				194.3	9.129	3.652	34.140			CTD Start Down
2	2	0	0	1224	1225				1.6	14.269	4.067	34.607			Time: 1215
3	3								.	.	.	.			Start Cast Depth: 230
4	4								.	.	.	.			Lat: 33 36 59
5	5								.	.	.	.			Lon: 118 17 52
6	6								.	.	.	.			Rosette Start Up
7	7								.	.	.	.			Time: 1221
8	8								.	.	.	.			Start Up Depth: 223
9	9								.	.	.	.			Lat: 33 36 6
10	10								.	.	.	.			Lon: 118 17 47
11	11								.	.	.	.			Additional sensors
12	12								.	.	.	.			Trans -
13	13								.	.	.	.			Fluor -
14	14								.	.	.	.			O2 -
15	15								.	.	.	.			Ref. PAR -
16	16								.	.	.	.			Rem. PAR -
17	17								.	.	.	.			Pump -
18	18								.	.	.	.			SeaBrd-
19	19								.	.	.	.			Pre-Cast
20	20								.	.	.	.			Deck Calib
21	21								.	.	.	.			Untied
22	22								.	.	.	.			Pull Tube
23	23								.	.	.	.			Rinse Glass
24	24								.	.	.	.			PAR Cap

Pressure On Deck - Begin: -0 087 End: 0.159

Chl Max - 35 Mixed Layer - 30

CalCOFI equivalent station

88.3 32.9

downcast 0- -210

upcast 210-0 60 m/min

Btl's @ Surface 1 Open > 1 Closed

Markers 2 # Btl's tripped 2

Processing # 469

Post-Cast	
Tied down	
Replace Tube	
Flush w/ DI	
Rinse Pylon	
PAR Cap	
Backup/Printout	

Integrative Oceanography Division Scripps Institution of Oceanography				Console Operations Log							Date: 10 February 2002		Cruise: 0201JD	
											Operator: Fernando Ramirez		Sta: CTD-LA-2 (SW)	
Nisk Pyln	Bottle Trip#	Desired Depth(m)	Wire Out(m)	Time (PST)		Ctrl F3	Ctrl F5	Con- firm	ID# Pressure	ID# Temp.	ID# Conduct	Salinity	(x .001) Ck salt, Ck-CTD	Cast: 470 Filename: 0201470
				Stopped	Tripped									
1	1	430	430	1255	1255	/	/	/	432.3	7.245	3.502	34.246		CTD Start Down
2	2	0	0	1303	1304	/	/	/	1.6	14.496	4.090	33.610		Time: 1247
3	3								.	.	.	.		Start Cast Depth: 469
4	4								.	.	.	.		Lat: 33 36.10
5	5								.	.	.	.		Lon: 118 18.64
6	6								.	.	.	.		Rosette Start Up
7	7								.	.	.	.		Time: 1256
8	8								.	.	.	.		Start Up Depth: 459
9	9								.	.	.	.		Lat: 33 36.08
10	10								.	.	.	.		Lon: 118 18.49
11	11								.	.	.	.		Additional sensors
12	12								.	.	.	.		Trans -
13	13								.	.	.	.		Fluor -
14	14								.	.	.	.		O2 -
15	15								.	.	.	.		Rel.PAR -
16	16								.	.	.	.		Rem.PAR -
17	17								.	.	.	.		Pump -
18	18								.	.	.	.		SeaBrd-
19	19								.	.	.	.		Pre-Cast
20	20								.	.	.	.		Deck Calib
21	21								.	.	.	.		Untied
22	22								.	.	.	.		Pull Tube
23	23								.	.	.	.		Rinse Glass
24	24								.	.	.	.		PAR Cap

Pressure On Deck - Begin: -0.049 End: -0.121

Chl Max - 35 Mixed Layer - 30

down cast 0-60m 30 m/min
60-430 60 m/min
upcast 430-0 60 m/min

CalCOFI equivalent station
88.3 33.1

Btles @ Surface 1 Open > 1 Closed
Markers 2 # Btts tripped 2

Processing # 470

Post-Cast

Tied down	
Replace Tube	
Flush w/ DI	
Rinse Pylon	
PAR Cap	
Backup/Printout	

Integrative Oceanography Division Scripps Institution of Oceanography						Console Operations Log						Date: 10 February 2002		Cruise: 0201JD	
												Operator: Fernando Ramirez		Sta: CTD-LA-2 (NW)	
Nisk Pylr	Bottle Trip#	Desired Depth(m)	Wire Out(m)	Time (PST)		Ctrl F3	Ctrl F5	Con- firm	ID# Pressure	ID# Temp.	ID# Conduct	Salinity	(x.001) Ck salt,Ck-CTD	Cast: 471	
				Stopped	Tripped									Filename: 0201471	
1	1	316	313	1334	1335	/	/	/	316.6	8.165	3.978	34.219		CTD Start Down	
2	2	0	0	1340	1341	/	/	/	1.9	14.134	4.055	33.596		Time: 1327	
3	3								.	.	.	.		Start Cast Depth: 346	
4	4								.	.	.	.		Lat: 33 37.61	
5	5								.	.	.	.		Lon: 118 18.26	
6	6								.	.	.	.		Rosette Start Up	
7	7								.	.	.	.		Time: 1335	
8	8								.	.	.	.		Start Up Depth: 334	
9	9								.	.	.	.		Lat: 33 37.64	
10	10								.	.	.	.		Lon: 118 18.19	
11	11								.	.	.	.		Additional sensors	
12	12								.	.	.	.		Trans -	
13	13								.	.	.	.		Fluor -	
14	14								.	.	.	.		O2 -	
15	15								.	.	.	.		Ref.PAR -	
16	16								.	.	.	.		Rem.PAR -	
17	17								.	.	.	.		Pump -	
18	18								.	.	.	.		SeaBrd-	
19	19								.	.	.	.		Pre-Cast	
20	20								.	.	.	.		Deck Calib	
21	21								.	.	.	.		Untied	
22	22								.	.	.	.		Pull Tube	
23	23								.	.	.	.		Rinse Glass	
24	24								.	.	.	.		PAR Cap	

Pressure On Deck - Begin: 0.020 End: -0.078

Chl Max - Mixed Layer -

downcast 0 - 50
50 - 313

upcast 313 - 0 60 m/min

CalCOFI equivalent station

88.2 32.9

Btl's @ Surface 1 Open > 1 Closed

Markers 2 # Btl's tripped 2

Processing # 471

Post-Cast	
Tied down	
Replace Tube	/
Flush w/ DI	/
Rinse Pylon	/
PAR Cap	/
Backup/Printout	/

Integrative Oceanography Division Scripps Institution of Oceanography				Console Operations Log								Date: 10/1/02		Cruise: 02.04.30		
												Operator: -		Sta: CTD LK-3-E		
Net Pyls	Bottle Trips	Desired Depth(m)	Wire Out(m)	Time (PST)		Cul FS	Cul FS	Con- fluo	ID# Pressure	ID# Temp.	ID# Conduct	Salinity	(x .005) Ck salt, Ck-CTD	Cast: 473	Filename: 02.04.30.473	
				Stopped	Tripped											
1	1		431	11:31	11:32	-	-	-	4343	6.498	3.479	34.232				
2	2		0	11:42	11:46	-	-	-	1.5	14.433	4.087	33.611			CTD Start Down	
3	3														Time: 17.17	
4	4														Start Cast Depth: 455M	
5	5														Lat:	
6	6														Lon:	
7	7														Rosette Start Up	
8	8														Time: 17.12	
9	9														Start Up Depth: 462	
10	10														Lat: 33.254N	
11	11														Lon: 119.513W	
12	12														Additional sensors	
13	13														Trans -	
14	14														Fluo -	
15	15														O2 -	
16	16														Ref. PAR -	
17	17														Rem. PAR -	
18	18														Pump -	
19	19														SeaBrd-	
20	20														Pre-Cast	
21	21														Deck Calib	
22	22														Untied	
23	23														Pull Tube	
24	24														Rinse Glass	
Pressure On Deck - Begin: -0.014 End: -0.010														# Bils @ Surface _____ Open > _____ Closed		Post-Cast Tied down Replace Tube Flush w/ DI Rinse Pylon PAR Cap Backup/Printed
Chl Max - Mixed Layer -														# Markers _____ # Bils tripped _____		
* 30 min ...																
Processing # 473																
Backup/Printed																

Integrative Oceanography Division Scripps Institution of Oceanography						Console Operations Log						Date: 10 Feb 02		Cruise: 0201 JD	
												Operator: DL		Sta: CTD-LA-5-5	
Nisk	Bottle	Desired	Wire	Time (PST)		Ctrl	Ctrl	Con-	ID#	ID#	ID#		(x .001)	Cast: 474	
Pyln	Trip#	Depth(m)	Out(m)	Stopped	Tripped	F3	F5	firm	Pressure	Temp.	Conduct	Salinity	Ck salt, Ck-CTD	Filename: 0201 474	
1	1		480	22:14	22:15	-	-	-	480.4	6.604	3.946	34.255		CTD Start Down	
2	2		0	22:24	22:24	-	-	-	1.3	14.508	4.097	33.627		Time: 20:04	
3	3								.	.	.	.		Start Cast Depth: 50 m	
4	4								.	.	.	.		Lat:	
5	5								.	.	.	.		Lon:	
6	6								.	.	.	.		Rosette Start Up	
7	7								.	.	.	.		Time: 22:15	
8	8								.	.	.	.		Start Up Depth:	
9	9								.	.	.	.		Lat: 33 30.45N	
10	10								.	.	.	.		Lon: 117 54.11W	
11	11								.	.	.	.		Additional sensors	
12	12								.	.	.	.		Trans -	
13	13								.	.	.	.		Fluor -	
14	14								.	.	.	.		O2 -	
15	15								.	.	.	.		Ref. PAR -	
16	16								.	.	.	.		Rem. PAR -	
17	17								.	.	.	.		Pump -	
18	18								.	.	.	.		SeaBrd-	
19	19								.	.	.	.		Pre-Cast	
20	20								.	.	.	.		Deck Calib	
21	21								.	.	.	.		Untied	
22	22								.	.	.	.		Pull Tube	
23	23								.	.	.	.		Rinse Glass	
24	24								.	.	.	.		PAR Cap	

Pressure On Deck - Begin: 0.101 End: - 0.044

Chl Max - Mixed Layer -

Btles @ Surface Open > Closed

Markers 2 # Btles tripped 2

Processing # 474

Post-Cast	
Tied down	
Replace Tube	
Flush w/ DI	
Rinse Pylon	
PAR Cap	
Backup/Printout	

Integrative Oceanography Division Scripps Institution of Oceanography						Console Operations Log						Date: 10 Feb 02 Operator: DG		Cruise: 0201 JD Sta: CTD-01-3-A	
Nisk Pyl	Bottle Trip#	Desired Depth(m)	Wire Out(m)	Time (PST)		Ctrl F3	Ctrl F5	Con- firm	ID# Pressure	ID# Temp.	ID# Conduct	Salinity	(x .001) Ck salt, Ck-CTD	Cast: 475	Filename: 0201425
				Stopped	Tripped										
1	1		415	20:54	20:55				418.0	7.202	3.496	34.236			CTD Start Down
2	2		0	20:55					1.5	14.491	4.093	35.625			Time: 20:45
3	3								.	.	.	.			Start Cast Depth: 40:11
4	4								.	.	.	.			Lat:
5	5								.	.	.	.			Lon:
6	6								.	.	.	.			Rosette Start Up
7	7								.	.	.	.			Time: 20:55
8	8								.	.	.	.			Start Up Depth:
9	9								.	.	.	.			Lat: 33 31.65N
10	10								.	.	.	.			Lon: 117 54.02W
11	11								.	.	.	.			Additional sensors
12	12								.	.	.	.			Trans -
13	13								.	.	.	.			Fluor -
14	14								.	.	.	.			O2 -
15	15								.	.	.	.			Ref. PAR -
16	16								.	.	.	.			Rem. PAR -
17	17								.	.	.	.			Pump -
18	18								.	.	.	.			SeaBrd-
19	19								.	.	.	.			Pre-Cast
20	20								.	.	.	.			Deck Calib
21	21								.	.	.	.			Untied
22	22								.	.	.	.			Pull Tube
23	23								.	.	.	.			Rinse Glass
24	24								.	.	.	.			PAR Cap

Pressure On Deck - Begin: 09:00 End: 10:10

Chl Max - Mixed Layer -

Btls @ Surface Open > Closed

Markers 2 # Btls tripped 2

Post-Cast

Tied down

Replace Tube

Flush w/ DI

Rinse Pylon

PAR Cap

Backup/Printout

Processing # 475

Integrative Oceanography Division Scripps Institution of Oceanography					Console Operations Log							Date: 10 Feb 02		Cruise: 0201 JD	
												Operator: DG		Sta: CTD-CTD-N	
Nisk Pyl	Bottle Trip#	Desired Depth(m)	Wire Out(m)	Time (PST)		Ctrl F3	Ctrl F5	Con- firm	ID# Pressure	ID# Temp.	ID# Conduct	Salinity	(x .001) Ck salt,Ck-CTD	Cast: 476	Filename: 0201476
				Stopped	Tripped										
1	1		351	2135	2134	-	-	-	3534	7.849	3.551	34224			CTD Start Down
2	2		0	2140	2141	-	-	-	1.3	14.333	4.073	33611			Time: 21:25
3	3								.	.	.	.			Start Cast Depth: 381
4	4								.	.	.	.			Lat:
5	5								.	.	.	.			Lon:
6	6								.	.	.	.			Rosette Start Up
7	7								.	.	.	.			Time: 21:34
8	8								.	.	.	.			Start Up Depth:
9	9								.	.	.	.			Lat: 33 32.76N
10	10								.	.	.	.			Lon: 117 53.91W
11	11								.	.	.	.			Additional sensors
12	12								.	.	.	.			Trans -
13	13								.	.	.	.			Fluor -
14	14								.	.	.	.			O2 -
15	15								.	.	.	.			Ref.PAR -
16	16								.	.	.	.			Rem.PAR -
17	17								.	.	.	.			Pump -
18	18								.	.	.	.			SeaBrd-
19	19								.	.	.	.			Pre-Cast
20	20								.	.	.	.			Deck Calib
21	21								.	.	.	.			Untied
22	22								.	.	.	.			Pull Tube
23	23								.	.	.	.			Rinse Glass
24	24								.	.	.	.			PAR Cap

Pressure On Deck - Begin: 0.164 End: -0.016

Chl Max - Mixed Layer -

Btles @ Surface _____ Open > _____ Closed

Markers 2 # Btles tripped 2

Processing # 471

Post-Cast	
Tied down	
Replace Tube	
Flush w/ DI	
Rinse Pylon	
PAR Cap	
Backup/Printout	

Integrative Oceanography Division Scripps Institution of Oceanography						Console Operations Log						Date: 10 Feb 02		Cruise: 0201 JD	
												Operator: DC		Sta: CTD-1A-3-W	
Nisk Pyl	Bottle Trip#	Desired Depth(m)	Wire Out(m)	Time (PST)		Ctrl F3	Ctrl F5	Con- firm	ID# Pressure	ID# Temp.	ID# Conduct	Salinity	(x .001) Ck salt, Ck-CTD	Cast: 472	
				Stopped	Tripped									Filename: 0201472	
1	1		406	22:08	22:09	-	-	-	40% 1	7.286	3.503	34.236		CTD Start Down	
2	2		0	22:17	22:17	-	-	-	1.2	14.456	4.089	35.626		Time: 22:00	
3	3								.	.	.	.		Start Cast Depth: 438	
4	4								.	.	.	.		Lat:	
5	5								.	.	.	.		Lon:	
6	6								.	.	.	.		Rosette Start Up	
7	7								.	.	.	.		Time: 22:09	
8	8								.	.	.	.		Start Up Depth:	
9	9								.	.	.	.		Lat: 33 51.86 N	
10	10								.	.	.	.		Lon: 117 55.29 W	
11	11								.	.	.	.		Additional sensors	
12	12								.	.	.	.		Trans -	
13	13								.	.	.	.		Fluor -	
14	14								.	.	.	.		O2 -	
15	15								.	.	.	.		Ref. PAR -	
16	16								.	.	.	.		Rem. PAR -	
17	17								.	.	.	.		Pump -	
18	18								.	.	.	.		SeaBrd-	
19	19								.	.	.	.		Pre-Cast	
20	20								.	.	.	.		Deck Calib	
21	21								.	.	.	.		Untied	
22	22								.	.	.	.		Pull Tube	
23	23								.	.	.	.		Rinse Glass	
24	24								.	.	.	.		PAR Cap	

Pressure On Deck - Begin: 0.164 End: - 0.016

Chl Max - Mixed Layer -

Btls @ Surface _____ Open > _____ Closed

Markers 2 # Btls tripped 2

Processing # 11

Post-Cast	
Tied down	
Replace Tube	
Flush w/ DI	
Rinse Pylon	
PAR Cap	
Backup/Printout	