

Date (PDT)	Time (PDT)	DOY (UTC)	Time (UTC)	Lat (deg N)	Lat (min N)	Lon (deg W)	Lon (min W)	Instrument	Action	Cast #	Author	Comment
1-Jul-20	7:00	183	14:00	32	43.00	117.00		10.50 depart MarFac			SAM	
1-Jul-20	12:50	183	19:50	32	30.00	118.00		10.00 drifter	deploy	1	SAM	
1-Jul-20	13:28	183	20:28	32	30.10	118.00		10.21 CTD	deploy	1	SAM	
1-Jul-20	13:35	183	20:35	32	30.10	118.00		10.21 CTD	recover	1	SAM	
1-Jul-20	13:43	183	20:43	32	30.11	118.00		10.21 CTD	deploy	2/2b	SAM	Reset CTD to view fluorescent data
1-Jul-20	14:23	183	21:23	32	30.10	118.00		10.21 CTD	recover	2/2b	RRT	Full Trace is in 2b
1-Jul-20	14:43	183	21:43	32	30.10	118.00		10.21 TM GOFLO	deploy	1		first messenger didn't work
1-Jul-20	14:55	183	21:55	32	30.10	118.00		10.21 TM GOFLO	recover	1		
1-Jul-20								TM pole sample				
1-Jul-20	16:04	183	23:04	32	32.81	118.00		9.98 MOCNESS	deploy	1	SAM	
1-Jul-20	18:45	184	1:45	32	31.18	118.00		15.05	recover	1	SAM	Only net 1 tripped. Spider connecting stepping motor to turning rod broke. Caught in net 9.
1-Jul-20	20:03	184	3:03	32	31.29	118.00		10.05 CTD	deploy	3	RRT	
1-Jul-20	20:38	184	3:38	32	31.29	118.00		10.05 CTD	recover	3	RRT	
1-Jul-20	20:48	184	3:48	32	31.29	118.00		10.05 TM GOFLO	deploy	2		
1-Jul-20	20:58	184	3:58	32	31.29	118.00		10.05 TM GOFLO	recover	2		
1-Jul-20		184						TM pole sample				
1-Jul-20	22:20	184	5:20	32	30.73	118.00		8.39 MOCNESS	deploy	2	LEL	
2-Jul-20	2:53	184	9:53	32	31.03	118.00		10.15 MOCNESS	recover	2	LEL	
2-Jul-20	4:07	184	11:07	32	32.17	118.00		11.71 CTD	deploy	4	RRT	
2-Jul-20	4:32	184	11:32	32	32.17	118.00		11.72 CTD	recover	4	RRT	
2-Jul-20	4:41	184	11:41	32	32.17	118.00		11.71 TM GOFLO	deploy	3		
2-Jul-20	4:53	184	11:53	32	32.17	118.00		11.71 TM GOFLO	recover	3		
2-Jul-20		184						TM pole sample				
2-Jul-20	5:53	184	12:53	32	32.37	118.00		11.72 TM pumps	deploy	1		
2-Jul-20	6:41	184	13:41	32	34.58	118.00		11.75 TM pumps	recover	1		
2-Jul-20	11:08	184	18:08	32	34.76	118.00		11.45 CTD	deploy	5	RRT	
2-Jul-20	11:35	184	18:35	32	34.76	118.00		11.45 CTD	recover	5	RRT	
2-Jul-20	11:43	184	18:43	32	34.76	118.00		11.45 TM GOFLO	deploy	4		
2-Jul-20	11:58	184	18:58	32	34.76	118.00		11.45 TM GOFLO	recover	4		
2-Jul-20		184						TM pole sample				
2-Jul-20	12:52	184	19:52	32	34.28	118.00		11.58 MOCNESS	deploy	3	LEL	
2-Jul-20	15:59	184	22:59	32	29.46	118.00		10.06 MOCNESS	recover	3	LEL	
2-Jul-20	20:04	185	3:04	32	35.72	118.00		11.60 CTD	deploy	6	RRT	
2-Jul-20	20:35	185	3:35	32	35.72	118.00		11.60 CTD	recover	6	RRT	
2-Jul-20	20:50	185	3:50	32	35.72	118.00		11.60 TM GOFLO	deploy	5		
2-Jul-20	20:58	185	3:58	32	35.72	118.00		11.60 TM GOFLO	recover	5		
2-Jul-20		185						TM pole sample				
2-Jul-20	22:02	185	5:02	32	33.10	118.00		7.36 MOCNESS	deploy	4	SAM	
3-Jul-20	0:30	185	7:30	32	34.71	118.00		12.59 MOCNESS	recover	4	SAM	recovered early due to winch
3-Jul-20	4:05	185	11:05	32	36.57	118.00		12.47 CTD	deploy	7	RRT	
3-Jul-20	4:36	185	11:36	32	36.57	118.00		12.47 CTD	recover	7	RRT	
3-Jul-20	4:43	185	11:43	32	36.57	118.00		12.47 TM GOFLO	deploy	6		
3-Jul-20	4:53	185	11:53	32	36.57	118.00		12.47 TM GOFLO	recover	6		
3-Jul-20		185						TM pole sample				
3-Jul-20	10:30	185						drifter	recover	1		
3-Jul-20	11:08	185	18:08	32	38.18	118.00		11.80 CTD	deploy	8	RRT	
3-Jul-20	11:39	185	18:39	32	38.18	118.00		11.80 CTD	recover	8	RRT	
3-Jul-20	11:45	185	18:45	32	38.18	118.00		11.80 TM GOFLO	deploy	7		
3-Jul-20	11:54	185	18:54	32	38.18	118.00		11.80 TM GOFLO	recover	7		
3-Jul-20		185						TM pole sample				
3-Jul-20	17:30	185	0:30	32	43.00	117.00		10.50 arrive MarFac			SAM	

