

CTD\_CastLog  
CCE-P0704

CTD Cast Log (from Event Log, CTD at Depth)  
(from CTD log sheets)

| Cruise      | CastNo | FileName | Cycle | EventNo | DateGMT    | TimeGMT  | Latitude | Longitude | Date_Local | Time_Local | Operator | MaxDepth | Type     | NoBottle | Comments (rec)           | Notes / Notes                  |
|-------------|--------|----------|-------|---------|------------|----------|----------|-----------|------------|------------|----------|----------|----------|----------|--------------------------|--------------------------------|
|             |        |          |       |         |            |          |          |           |            |            |          |          |          |          |                          |                                |
| CCE-P0704TN | 1      | 20400101 | 0     | 15      | 04-02-2007 | 01:14:32 | 33.196   | -118.381  | 04-01-2007 | 17:14:32   | JW       | depth    | test     |          |                          | test cast                      |
| CCE-P0704TN | 2      | 20400102 | 1     | 29      | 04-03-2007 | 07:14:23 | 34.25    | -120.836  | 04-02-2007 | 23:14:23   | MR       | 100      | exp      | 24       | Cycle 1                  |                                |
| CCE-P0704TN | 3      | 20400103 | 1     | 35      | 04-03-2007 | 09:18:48 | 34.256   | -120.841  | 04-03-2007 | 01:18:48   | TD       | 200      | exp      | 24       | Cycle 1; Moderate; Night |                                |
| CCE-P0704TN | 4      | 20400104 | 1     | 41      | 04-03-2007 | 12:30:35 | 34.256   | -120.841  | 04-03-2007 | 04:30:35   | AM       | 600      | organ    | 24       | Cycle 1; Moderate; Night |                                |
| CCE-P0704TN | 5      | 20400105 | 1     | 48      | 04-03-2007 | 19:24:40 | 34.268   | -120.876  | 04-03-2007 | 11:24:40   | TD       | 500      | noon     | 24       | Cycle 1; Moderate; Day   |                                |
| CCE-P0704TN | 6      | 20400106 | 1     | 61      | 04-04-2007 | 02:06:46 | 34.277   | -120.884  | 04-03-2007 | 18:06:46   | JW       | 50       |          | 18       | Cycle 1; Moderate; Night |                                |
| CCE-P0704TN | 7      | 20400107 | 1     | 73      | 04-04-2007 | 09:07:41 | 34.277   | -120.911  | 04-04-2007 | 01:07:41   | TD       | 200      | exp      | 24       | Cycle 1; Moderate; Night | no samples, 2 bottles misfired |
| CCE-P0704TN | 8      | 20400108 | 1     | 76      | 04-04-2007 | 09:51:58 | 34.277   | -120.911  | 04-04-2007 | 01:51:58   | TD       | 200      | exp      | 24       | Cycle 1; Moderate; Night |                                |
| CCE-P0704TN | 9      | 20400109 | 1     | 89      | 04-04-2007 | 19:02:32 | 34.293   | -120.927  | 04-04-2007 | 11:02:32   | TD       | 500      | noon     | 21       | Cycle 1; Moderate; Day   |                                |
| CCE-P0704TN | 10     | 20400110 | 1     | 99      | 04-05-2007 | 02:09:53 | 34.331   | -120.916  | 04-04-2007 | 18:09:53   | JW       | 50       |          | 24       | Cycle 1; Moderate; Night |                                |
| CCE-P0704TN | 11     | 20400111 | 1     | 112     | 04-05-2007 | 09:13:02 | 34.331   | -120.948  | 04-05-2007 | 01:13:02   | TD       | 200      | exp      | 24       | Cycle 1; Moderate; Night |                                |
| CCE-P0704TN | 12     | 20400112 | 1     | 126     | 04-05-2007 | 18:13:33 | 34.358   | -120.985  | 04-05-2007 | 10:13:33   | RS       | 500      | noon     | 21       | Cycle 1; Moderate; Day   |                                |
| CCE-P0704TN | 13     | 20400113 | 1     | 136     | 04-06-2007 | 01:15:56 | 34.374   | -121.005  | 04-05-2007 | 17:15:56   | JW       | 100      |          | 24       | Cycle 1; Moderate; Day   |                                |
| CCE-P0704TN | 14     | 20400114 | 1     | 148     | 04-06-2007 | 09:12:45 | 34.359   | -121.049  | 04-06-2007 | 01:12:45   | TD       | 200      | exp      | 24       | Cycle 1; Moderate; Night | cast aborted, no samples taken |
| CCE-P0704TN | 15     | 20400115 | 1     | 151     | 04-06-2007 | 09:38:17 | 34.359   | -121.054  | 04-06-2007 | 01:38:17   | TD       | 200      | exp      | 24       | Cycle 1; Moderate; Night |                                |
| CCE-P0704TN | 16     | 20400116 | 1     | 156     | 04-06-2007 | 12:26:52 | 34.361   | -121.063  | 04-06-2007 | 04:26:52   | AM       | 800      | organ    | 24       | Cycle 1; Moderate; Night |                                |
| CCE-P0704TN | 17     | 20400117 | 1     | 166     | 04-06-2007 | 18:29:08 | 34.358   | -121.075  | 04-06-2007 | 10:29:08   | RS       | 500      | noon     | 21       | Cycle 1; Moderate; Day   |                                |
| CCE-P0704TN | 18     | 20400118 | 1     | 175     | 04-07-2007 | 02:11:38 | 34.348   | -121.104  | 04-06-2007 | 18:11:38   | JW       | 27       |          | 24       | Cycle 1; Moderate; Day   |                                |
| CCE-P0704TN | 19     | 20400119 | 1     | 187     | 04-07-2007 | 09:12:46 | 34.314   | -121.148  | 04-07-2007 | 01:12:46   | TD       | 200      | exp      | 21       | Cycle 1; Moderate; Night |                                |
| CCE-P0704TN | 20     | 20400120 | 1     | 194     | 04-07-2007 | 13:15:17 | 34.272   | -121.166  | 04-07-2007 | 05:15:17   | AM       | 121      |          | 7        | Cycle 1; Moderate; Night |                                |
| CCE-P0704TN | 21     | 20400121 | 2     | 208     | 04-08-2007 | 19:27:13 | 33.659   | -123.132  | 04-08-2007 | 11:27:13   | TD       | 500      | noon     | 22       | Cycle 2; Moderate; Day   |                                |
| CCE-P0704TN | 22     | 20400222 | 2     | 219     | 04-09-2007 | 02:59:31 | 33.625   | -123.133  | 04-08-2007 | 18:59:31   | RS       | 200      |          | 24       | Cycle 2; Rough; Night    |                                |
| CCE-P0704TN | 23     | 20400223 | 2     | 229     | 04-09-2007 | 09:10:50 | 33.548   | -123.156  | 04-09-2007 | 01:10:50   | TD       | 200      | exp      | 24       | Cycle 2; Rough; Night    |                                |
| CCE-P0704TN | 24     | 20400224 | 2     | 239     | 04-09-2007 | 19:09:24 | 33.495   | -123.212  | 04-09-2007 | 11:09:24   | TD       | 500      | noon     | 22       | Cycle 2; Rough; Day      |                                |
| CCE-P0704TN | 25     | 20400225 | 2     | 254     | 04-10-2007 | 02:26:15 | 33.476   | -123.239  | 04-09-2007 | 18:26:15   | JW       | 1000     | organ    | 24       | Cycle 2; Rough; Day      |                                |
| CCE-P0704TN | 26     | 20400226 | 2     | 263     | 04-10-2007 | 09:28:51 | 33.406   | -123.278  | 04-10-2007 | 01:28:51   | TD       | 200      | exp      | 24       | Cycle 2; Rough; Night    |                                |
| CCE-P0704TN | 27     | 20400227 | 2     | 276     | 04-10-2007 | 18:16:11 | 33.402   | -123.357  | 04-10-2007 | 10:16:11   | RS       | 500      | noon     | 20       | Cycle 2; Moderate; Day   |                                |
| CCE-P0704TN | 28     | 20400228 | 2     | 288     | 04-11-2007 | 01:25:52 | 33.38    | -123.383  | 04-10-2007 | 17:25:52   | JW       | 200      |          | 24       | Cycle 2; Rough; Day      |                                |
| CCE-P0704TN | 29     | 20400229 | 2     | 303     | 04-11-2007 | 09:27:59 | 33.328   | -123.448  | 04-11-2007 | 01:27:59   | TD       | 200      | exp      | 24       | Cycle 2; Rough; Night    |                                |
| CCE-P0704TN | 30     | 20400230 | 2     | 319     | 04-11-2007 | 18:34:19 | 33.341   | -123.534  | 04-11-2007 | 10:34:19   | RS       | 500      | noon     | 20       | Cycle 2; Rough; Day      |                                |
| CCE-P0704TN | 31     | 20400231 | 2     | 336     | 04-12-2007 | 04:48:59 | 33.318   | -123.571  | 04-11-2007 | 20:48:59   | RS       | 100      | zoopl    | 24       | Cycle 2; Rough; Night    |                                |
| CCE-P0704TN | 32     | 20400232 | 2     | 347     | 04-12-2007 | 09:23:08 | 33.28    | -123.637  | 04-12-2007 | 01:23:08   | TD       | 800      | rgan/noc | 24       | Cycle 2; Rough; Night    |                                |
| CCE-P0704TN | 33     | 20400333 | 3     | 361     | 04-14-2007 | 03:12:29 | 34.226   | -120.621  | 04-13-2007 | 19:12:29   | RS       | 200      |          | 24       | Cycle 3; Moderate; Night |                                |
| CCE-P0704TN | 34     | 20400334 | 3     | 373     | 04-14-2007 | 09:11:00 | 34.222   | -120.62   | 04-14-2007 | 01:11:00   | TD       | 200      | exp      | 24       | Cycle 3; Rough; Night    |                                |
| CCE-P0704TN | 35     | 20400335 | 3     | 381     | 04-14-2007 | 18:44:24 | 34.184   | -120.617  | 04-14-2007 | 10:44:24   | RS       | 200      | noon     | 19       | Cycle 3; Rough; Day      |                                |
| CCE-P0704TN | 36     | 20400336 | 4     | 390     | 04-15-2007 | 09:12:39 | 34.227   | -121.194  | 04-15-2007 | 01:12:39   | TD       | 200      | exp      | 24       | Cycle 4; Rough; Night    |                                |
| CCE-P0704TN | 37     | 20400337 | 4     | 395     | 04-15-2007 | 12:19:28 | 34.206   | -121.189  | 04-15-2007 | 04:19:28   | AM       | 600      | organ    | 20       | Cycle 4; Rough; Night    |                                |
| CCE-P0704TN | 38     | 20400438 | 4     | 406     | 04-15-2007 | 19:41:34 | 34.16    | -121.212  | 04-15-2007 | 11:41:34   | TD       | 500      | noon     | 21       | Cycle 4; Rough; Day      |                                |
| CCE-P0704TN | 39     | 20400439 | 4     | 418     | 04-16-2007 | 02:39:09 | 34.02    | -121.197  | 04-15-2007 | 18:39:09   | JW       |          |          |          | Cycle 4; Rough; Night    |                                |
| CCE-P0704TN | 40     | 20400440 | 4     | 427     | 04-16-2007 | 09:12:26 | 33.918   | -121.158  | 04-16-2007 | 01:12:26   | TD       | 200      | exp      | 24       | Cycle 4; Rough; Night    |                                |
| CCE-P0704TN | 41     | 20400441 | 4     | 443     | 04-16-2007 | 18:30:14 | 33.879   | -121.138  | 04-16-2007 | 10:30:14   | RS       | 500      | noon     | 21       | Cycle 4; Moderate; Day   |                                |
| CCE-P0704TN | 42     | 20400442 | 4     | 450     | 04-17-2007 | 01:07:59 | 33.85    | -121.109  | 04-16-2007 | 17:07:59   | JW       | 200      |          | 24       | Cycle 4; Rough; Day      |                                |
| CCE-P0704TN | 43     | 20400443 | 4     | 461     | 04-17-2007 | 09:27:35 | 33.818   | -121.083  | 04-17-2007 | 01:27:35   | TD       | 200      | exp      | 24       | Cycle 4; Rough; Night    |                                |
| CCE-P0704TN | 44     | 20400444 | 4     | 466     | 04-17-2007 | 12:15:22 | 33.811   | -121.078  | 04-17-2007 | 04:15:22   | AM       | 600      | organ    | 23       | Cycle 4; Rough; Night    |                                |
| CCE-P0704TN | 45     | 20400445 | 4     | 476     | 04-17-2007 | 18:28:07 | 33.799   | -121.078  | 04-17-2007 | 10:28:07   | RS       | 500      | noon     | 21       | Cycle 4; Rough; Day      |                                |
| CCE-P0704TN | 46     | 20400446 | 4     | 487     | 04-18-2007 | 01:59:47 | 33.771   | -121.021  | 04-17-2007 | 17:59:47   | JW       | 200      |          | 24       | Cycle 4; Rough; Day      |                                |
| CCE-P0704TN | 47     | 20400447 | 4     | 495     | 04-18-2007 | 09:13:28 | 33.741   | -121      | 04-18-2007 | 01:13:28   | TD       | 200      | exp      | 24       | Cycle 4; Rough; Night    |                                |
| CCE-P0704TN | 48     | 20400448 | 4     | 511     | 04-18-2007 | 19:05:37 | 33.765   | -120.925  | 04-18-2007 | 11:05:37   | TD       | 500      | noon     | 20       | Cycle 4; Rough; Day      |                                |
| CCE-P0704TN | 49     | 20400449 | 4     | 525     | 04-19-2007 | 04:44:58 | 33.773   | -120.839  | 04-18-2007 | 20:44:58   | RS       | 200      |          | 20       | Cycle 4; Moderate; Night |                                |
| CCE-P0704TN | 50     | 20400450 | 4     | 537     | 04-19-2007 | 09:58:15 | 33.8     | -120.779  | 04-19-2007 | 01:58:15   | TD       | 500      | exp      | 22       | Cycle 4; Rough; Night    |                                |