



**Table 1.4 Complete station list for D286**

**maintained by Alex Gardiner**

|             |             |             |                |                   | time         | time         |                                  |
|-------------|-------------|-------------|----------------|-------------------|--------------|--------------|----------------------------------|
|             |             |             |                |                   | begins       | ends         |                                  |
| <b>JDAY</b> | <b>date</b> | <b>site</b> | <b>Station</b> | <b>Instrument</b> | <b>(GMT)</b> | <b>(GMT)</b> | <b>Comments</b>                  |
| 351         | 16-Dec      |             | 15549          | NET               | 9:30         | 10:15        | Trials                           |
| 351         | 16-Dec      |             | #2             | CTD               | 11:00        |              | Trials                           |
| 352         | 17-Dec      |             | 15550          | CTD               | 5:10         | 6:00         | CTD shallow to calibrate seasoar |
| 353         | 18-Dec      |             | 15551          | seasoar           |              | 17:00        | tow from ~K to M9                |
| 353         | 18-Dec      | M9          | 15552          | TiCTD             | 18:05        | 20:42        |                                  |
| 353         | 18-Dec      |             |                | SSCTD             |              |              | CTD cable jumped tension drums   |
|             |             |             |                |                   |              |              | Re-termination 22:15             |
| 353         | 18-Dec      |             | #2             | 200um             | 23:23        | 23:32        | 200um net, 0-100m fixed          |
| 353         | 18-Dec      |             | #3             | 200um             | 23:35        | 23:42        | 200um, gut fluorescence          |
| 353         | 18-Dec      |             | #4             | 63um              | 23:49        | 23:56        | 63um, 0-100m fixed               |
| 354         | 19-Dec      |             | 15553          | SSCTD             | 3:10         | 5:50         | full depth                       |
| 354         | 19-Dec      |             | 15554          | SAPS              | 6:11         | 8:11         |                                  |
| 354         | 19-Dec      |             | #2             | SSThCTD           | 8:43         | 9:40         |                                  |
| 354         | 19-Dec      |             | #3             | net               | 9:55         | 10:07        |                                  |
| 354         | 19-Dec      |             | 15555          | CTD               | 15:15        | 15:35        | forgot to remove PAR sensor      |
| 354         | 19-Dec      |             | 15556          | CTD               | 15:42        | 18:00        |                                  |
| 354         | 19-Dec      |             | #2             | 63um              | 18:18        | 18:28        | 63um net                         |
| 354         | 19-Dec      |             | #3             | 200um             | 18:31        | 18:37        | 200um net                        |
| 354         | 19-Dec      |             | #4             | 200um             | 18:39        | 18:47        | 200um net                        |
| 355         | 20-Dec      |             | 15557          | SCTD              | 0:16         | 2:43         |                                  |
| 355         | 20-Dec      |             | #2             | 63um              | 2:52         | 3:01         | 0-100m                           |
| 355         | 20-Dec      |             | #3             | 200um             | 3:05         | 3:14         | 0-100m, 125306 127229            |
| 355         | 20-Dec      |             | #4             | 200um             | 3:16         |              | 0-100m                           |
| 355         | 20-Dec      |             | 15558          | Pelagra           | 8:35         | 8:40         | ends on 21/12/04                 |
| 355         | 20-Dec      | M10         |                | Sediment trap     | na           | 10:59        | M10 mooring                      |
| 355         | 20-Dec      |             | 15559          | LHPR              | 11:49        | 13:54        |                                  |
| 355         | 20-Dec      |             | 15560          | ThCTD             | 15:18        | 16:10        |                                  |
| 355         | 20-Dec      |             | #2             | SAPS              | 16:25        | 18:30        | 2h deployment 110m               |
| 355         | 20-Dec      |             | 15561          | TiCTD             | 18:45        | 19:36        | 200m                             |
| 355         | 20-Dec      |             | 15562          | SCTD              | 19:55        | 22:37        |                                  |
| 355         | 20-Dec      |             | #2             | 200um             | 22:40        | 22:50        |                                  |
| 355         | 20-Dec      |             | 15563          | TiCTD             | 23:24        | 1:44         | full depth                       |
| 356         | 21-Dec      |             | #2             | 63um              | 1:52         | 2:02         |                                  |
| 356         | 21-Dec      |             | #3             | 200um             | 2:05         | 2:15         |                                  |
| 356         | 21-Dec      |             | #4             | 200um             | 2:18         | 2:28         |                                  |
| 356         | 21-Dec      |             | 15564          | CTD               | 2:41         | 4:52         | radium & neodinium full depth    |
| 356         | 21-Dec      |             | 15565          | SS CTD            | 15:56        | 18:26        | full depth                       |
| 356         | 21-Dec      |             | #2             | 63 um             | na           | 19:20        | abandoned - wind too strong      |
| 357         | 22-Dec      | Baie        | 15566          | SS CTD            | 7:30         | na           | ~100m                            |
| 357         | 22-Dec      | Americaine  | 15567          | Ti CTD            | 9:53         | na           |                                  |
| 357         | 22-Dec      |             | #2             | 200 um            | na           | na           | fixed ~80m                       |

|     |        |    |       |              |       |       |                            |
|-----|--------|----|-------|--------------|-------|-------|----------------------------|
| 357 | 22-Dec |    | #3    | 200 um       | 10:48 | na    | gut fluor ~80m             |
| 357 | 22-Dec |    | #4    | 63 um        | 11:00 | na    | fixed ~80m                 |
| 357 | 22-Dec |    | 15568 | Ti CTD       | 12:55 | 13:42 | 500m                       |
| 357 | 22-Dec |    | #2    | 200 um       | 13:48 | 13:57 | 0-100m 138379              |
| 357 | 22-Dec |    | #3    | 200 um       | 14:00 | 14:09 | 141230 144316              |
| 357 | 22-Dec |    | 15569 | Ti CTD       | 15:10 | 16:40 | full depth                 |
| 357 | 22-Dec |    | 15570 | SS CTD       | 17:05 | 18:35 | full depth                 |
| 357 | 22-Dec |    | #2    | 63 um        | na    | na    |                            |
| 357 | 22-Dec |    | #3    | 200 um       | na    | na    |                            |
| 357 | 22-Dec |    | #4    | 200 um       | na    | 19:25 |                            |
| 357 | 22-Dec | M3 | 15571 | Pelagra      | 21:00 | na    |                            |
| 357 | 22-Dec | M3 | 15572 | Ti CTD       | 21:25 | 22:17 | 500m                       |
| 358 | 23-Dec | M3 | 15573 | SS CTD       | 22:36 | 0:45  | full depth                 |
| 358 | 23-Dec |    | #2    | SAPS         | 1:05  | 3:15  | 180m                       |
| 358 | 23-Dec |    | 15574 | ThCTD        | 3:41  | 4:25  |                            |
| 358 | 23-Dec |    | #2    | 63 um        | 4:34  | 4:40  | 0-100m                     |
| 358 | 23-Dec |    | #3    | 200 um       | 4:43  | 4:50  |                            |
| 358 | 23-Dec |    | #4    | 200 um       | 4:52  | 4:58  |                            |
| 358 | 23-Dec |    | #5    | 200 um       | 4:59  | 5:07  |                            |
| 358 | 23-Dec |    | 15575 | seasoar      | 9:35  | 11:50 | ends on 24/12/04           |
| 359 | 24-Dec |    | 15576 | SSCTD        | 12:48 | 16:05 | full depth                 |
| 360 | 25-Dec |    | 15577 | Mega         | 12:59 | 17:20 | no mud - redeploy          |
| 360 | 25-Dec |    | #2    | Mega         | 17:28 | 21:55 |                            |
| 360 | 25-Dec |    | #3    | Mega         | 22:06 | 2:46  | mud!                       |
| 361 | 26-Dec |    |       | Mooring      | 5:50  | 7:38  | check posns                |
| 361 | 26-Dec |    | 15578 | LHPR         | 8:38  | 10:56 |                            |
| 361 | 26-Dec |    | 15579 | SAPS         | 12:49 | 14:25 |                            |
| 361 | 26-Dec |    | #2    | Mega         | 14:52 | 19:07 |                            |
| 361 | 26-Dec | M5 | #3    | Mega         | 19:20 | 23:45 | 3 cores                    |
| 362 | 27-Dec | M5 | #4    | Mega         | 0:07  | 4:25  | 4 cores                    |
| 362 | 27-Dec | M5 | #5    | 200 um       | 4:46  | 4:51  |                            |
| 362 | 27-Dec | M5 | #6    | 200 um       | 4:53  | 5:00  |                            |
| 362 | 27-Dec | M5 | #7    | gravity core | 6:02  | 8:10  | short core retrieved       |
| 362 | 27-Dec | M5 | #8    | net          | 8:37  | 8:47  |                            |
| 362 | 27-Dec | M5 | #9    | gravity core | 8:54  | 10:54 |                            |
| 362 | 27-Dec | M5 | #10   | gravity core | 11:30 | 13:37 |                            |
| 362 | 27-Dec | M5 | #11   | 200 um       | 14:01 | 14:09 | 162380 164205              |
| 362 | 27-Dec | M5 | #12   | 200 um       | 14:10 | 14:18 |                            |
| 362 | 27-Dec | M5 | 15580 | ThCTD        | 14:55 | 15:47 | 500m                       |
| 362 | 27-Dec | M5 | #2    | SAPS         | 16:03 | 18:05 | 1.5hr pump 125m            |
| 362 | 27-Dec | M5 | #3    | NET          | na    | na    |                            |
| 362 | 27-Dec | M5 | 15581 | TiCTD        | 18:45 | 22:17 |                            |
| 362 | 27-Dec | M5 | #2    | NET          | 22:23 | 22:30 | fixed 170847 173470        |
| 362 | 27-Dec | M5 | #3    | NET          | 22:31 | 22:39 |                            |
| 362 | 27-Dec | M5 | 15582 | SSCTD        | 22:53 | 2:04  |                            |
| 363 | 28-Dec | M5 | #2    | 63 um        | 2:14  | 2:22  |                            |
| 363 | 28-Dec | M5 | #3    | 200 um       | 2:26  | 2:34  |                            |
| 363 | 28-Dec | M5 | #4    | 200 um       | 2:36  | 2:44  |                            |
| 363 | 28-Dec | M5 | #5    | 200 um       | 2:47  | 2:55  |                            |
| 363 | 28-Dec | M5 | #6    | Mega         | 3:25  | 7:55  |                            |
| 363 | 28-Dec | M5 | #7    | 200 um       | 8:16  | 8:24  | 0-100m fixed 183825 186431 |
| 363 | 28-Dec | M5 | #8    | 200 um       | 8:25  | 8:34  | gut fluor                  |
| 363 | 28-Dec | M5 | #9    | Mega         | 8:40  | 13:00 |                            |
| 363 | 28-Dec | M5 | #10   | Mega         | 13:25 | 17:25 |                            |
| 363 | 28-Dec |    |       | ARGO         | 17:38 | na    | Argo float                 |
| 363 | 28-Dec |    | 15583 | B/SNAP       | 18:54 | na    |                            |
| 364 | 29-Dec |    | 15584 | SSCTD        | 19:00 | na    |                            |
| 364 | 29-Dec |    | #2    | 63um         | na    | na    | net                        |
| 364 | 29-Dec |    | #3    | 200um        | na    | na    | net                        |

|     |        |    |         |              |       |         |  |
|-----|--------|----|---------|--------------|-------|---------|--|
| 364 | 29-Dec |    | #4      | 200um        | na    | 23:05   | gut fluor  |
| 365 | 30-Dec |    | 15585   | SSCTD        | 5:08  | 7:40    | full depth   |
| 365 | 30-Dec |    | #2      | 63um         | na    | na      | fixed  |
| 365 | 30-Dec |    | #3      | 200um        | na    | na      | fixed  |
| 365 | 30-Dec |    | #4      | 200um        | na    | na      | gut fluor  |
| 365 | 30-Dec |    | 15586   | SSCTD        | 12:10 | na      |  |
| 365 | 30-Dec |    | #2      | 63um         | 14:51 | 15:00   | fixed  |
| 365 | 30-Dec |    | #3      | 200um        | 15:03 | 15:11   | fixed  |
| 365 | 30-Dec |    | #4      | 200um        | 15:13 | 15:21   | gut fluor  |
| 365 | 30-Dec |    | 15587   | SSCTD        | 19:10 | 21:40   |  |
| 366 | 31-Dec | M3 | 15588   | Pelagra      | 3:34  | perhaps |  |
| 366 | 31-Dec |    | 15589   | SSCTD        | 4:01  | 6:00    | full depth   |
| 366 | 31-Dec |    | #2      | 63um         | na    | na      | 0-100m fixed   |
| 366 | 31-Dec |    | #3      | 200um        | na    | na      | fixed  |
| 366 | 31-Dec |    | #4      | 200um        | na    | na      | gut fluor  |
| 366 | 31-Dec |    | 15590   | ThCTD        | 7:10  | 7:52    |  |
| 366 | 31-Dec | M3 | #2      | SAPS         | 8:30  | 10:55   |  |
| 366 | 31-Dec | M3 | 15591   | SSCTD        | 11:27 | 13:00   |  |
| 366 | 31-Dec |    | #2      | 200um        | 13:09 | na      | iron   |
| 366 | 31-Dec |    | #3      | 200um        | 13:21 | 13:30   | iron   |
| 366 | 31-Dec |    | 15592   | TiCTD        | 14:10 | 14:40   | 200m   |
| 366 | 31-Dec | M3 | 15593   | seasoar      | 15:20 | 17:00   | run S between islands ends 1/1/05                      |
| 366 | 31-Dec |    | 15594   | Pelagra      | 18:03 | 3/1/05  |  |
| 3   | 3-Jan  | M6 | na      | mooring      | 4:40  | 6:16    |  |
| 3   | 3-Jan  |    | 15595   | ThCTD        | 18:13 | na      | restart programme                                      |
| 3   | 3-Jan  |    | #2      | SAPS         | 19:26 | 21:26   |  |
| 3   | 3-Jan  | M6 | 15596   | SSCTD        | 22:08 | 1:03    | full depth   |
| 4   | 4-Jan  |    | #2      | 63um         | 1:14  | 1:24    | fix 0-100m   |
| 4   | 4-Jan  |    | #3      | 200um        | 1:26  | 1:34    | fix 0-100m   |
| 4   | 4-Jan  |    | #4      | 200um        | 1:36  | 1:44    | gut fluor 0-100m                                       |
| 4   | 4-Jan  | M6 | 15597   | Mega         | 3:20  | 7:30    | 1 core   |
| 4   | 4-Jan  |    | #2      | Mega         | 7:50  | 12:00   | 1 really good core                                     |
| 4   | 4-Jan  |    | #3      | Mega         | 12:10 | 16:20   | 1 really long core                                     |
| 4   | 4-Jan  | M6 | 15598   | 200um        | 18:10 | 18:18   |  |
| 4   | 4-Jan  |    | #2      | 200um        | 18:20 | 18:30   |  |
| 4   | 4-Jan  |    | #3      | TiCTD        | 18:52 | 21:52   |  |
| 4   | 4-Jan  |    | #4      | net          | 21:58 | 22:08   |  |
| 4   | 4-Jan  |    | #5      | net          | 22:09 | 22:18   |  |
| 4   | 4-Jan  |    | #6      | SAPS         | 23:10 | 0:40    |  |
| 5   | 5-Jan  |    | 15599   | gravity core | 3:01  | 5:28    |  |
| 5   | 5-Jan  |    | #2      | gravity core | 5:36  | na      |  |
| 5   | 5-Jan  |    | #3      | net          | 8:52  | 9:00    |  |
| 5   | 5-Jan  |    | #4      | Mega         | 9:15  | 13:30   | 4 good cores   |
| 5   | 5-Jan  |    | #5      | Mega         | 13:45 | 17:57   | did not trip   |
| 5   | 5-Jan  |    | #6      | Mega         | 18:05 | 22:23   | no cores   |
| 5   | 5-Jan  |    | 15600   | SSCTD        | 23:00 | 23:34   | 400m bottles 1-23 odd numbers<br>only for Ross Holland |
| 6   | 6-Jan  |    | 15601   | seasoar      | 0:10  | 12:27   |  |
| 6   | 6-Jan  | M2 | mooring | Mooring      | 15:30 | na      |  |
| 6   | 6-Jan  |    | 15602   | TiCTD        | 16:18 | 16:45   | 200m   |
| 6   | 6-Jan  |    | 15603   | ThCTD        | 16:59 | 17:40   | 500m, 3 misfires, redo                                 |
| 6   | 6-Jan  |    | 15604   | ThCTD        | 18:01 | 18:22   |  |
| 6   | 6-Jan  |    | #2      | SAPS         | 18:40 | 20:50   |  |
| 6   | 6-Jan  |    | 15605   | TiCTD        | 21:07 | 23:43   | full depth   |
| 6   | 6-Jan  |    | #2      | net          | na    | na      |  |
| 6   | 6-Jan  |    | #3      | net          | na    | na      |  |
| 6   | 6-Jan  |    | #4      | net          | na    | na      |  |
| 6   | 6-Jan  |    | #5      | net          | na    | na      |  |
| 7   | 7-Jan  |    | 15606   | SSCTD        | 0:41  | 3:25    |  |

|    |        |    |         |              |       |       |                             |
|----|--------|----|---------|--------------|-------|-------|-----------------------------|
| 7  | 7-Jan  |    | 15607   | LHPR         | 3:59  | 6:06  | start paying out 04:03      |
| 7  | 7-Jan  |    | 15608   | seasoar      | 7:20  | 15:55 |                             |
| 7  | 7-Jan  | M3 | 15609   | 200um        | 21:28 | 21:38 | 0-100m fixed                |
| 7  | 7-Jan  | M3 | #2      | 200um        | 21:38 | 21:48 | 0-100m gut fluor            |
| 8  | 8-Jan  | M3 | 15610   | 200um        | 1:36  | 1:44  | 0-100m fixed                |
| 8  | 8-Jan  | M3 | #2      | 200um        | 1:45  | 1:54  | 0-100m gut fluor            |
| 8  | 8-Jan  | M3 | 15611   | Pelagra      | 22:12 | 12:15 | ends 10/1/05                |
| 8  | 8-Jan  | M3 | 15612   | TiCTD        | 22:48 | 23:35 | 500m                        |
| 8  | 8-Jan  | M3 | 15613   | ThCTD        | 23:57 | 0:45  | 500m Thorium                |
| 9  | 9-Jan  | M3 | #2      | SAPS         | 1:45  | na    |                             |
| 9  | 9-Jan  | M3 | #3      | 63um         | 3:37  | na    |                             |
| 9  | 9-Jan  | M3 | #4      | 200um        | 3:49  | na    |                             |
| 9  | 9-Jan  | M3 | #5      | 200um        | 4:00  | na    |                             |
| 9  | 9-Jan  | M3 | #6      | 200um        | 4:10  | na    |                             |
| 9  | 9-Jan  | M3 | 15614   | SSCTD        | 4:43  | 6:37  | full depth                  |
| 9  | 9-Jan  | M3 | mooring | recovery     | na    | na    | recovery                    |
| 9  | 9-Jan  |    | 15615   | SSCTD        | 22:12 | 23:05 | 500m                        |
| 10 | 10-Jan |    | 15616   | SSCTD        | 0:44  | 1:38  | 500m                        |
| 10 | 10-Jan |    | 15617   | SSCTD        | 2:55  | 3:53  | 500m                        |
| 10 | 10-Jan |    | 15618   | SSCTD        | 5:09  | 5:46  |                             |
| 10 | 10-Jan |    | 15619   | SSCTD        | 7:42  | 8:33  |                             |
| 10 | 10-Jan |    | 15620   | ThCTD        | 16:31 | 17:31 |                             |
| 10 | 10-Jan |    | #2      | Pelagra      | na    | 15:00 | ends 12/1/05                |
| 10 | 10-Jan |    | 15621   | TiCTD        | 18:13 | 18:52 |                             |
| 10 | 10-Jan |    | #2      | SAPS         | 19:10 | 21:10 |                             |
| 10 | 10-Jan |    | #3      | 63um         | 21:30 | na    | 0-100m fixed                |
| 10 | 10-Jan |    | #4      | 200um        | 21:41 | na    | 0-100m fixed                |
| 10 | 10-Jan |    | #5      | 200um        | 21:50 | na    | 0-100, gut fluor            |
| 10 | 10-Jan |    | #6      | 200um        | 22:02 | 22:12 | Sophie Fe                   |
| 10 | 10-Jan |    | 15622   | TiCTD        | 22:20 | 0:07  |                             |
| 11 | 11-Jan |    | #2      | SAPS         | 0:30  | 2:05  | Mills saps 30m GFF + nucleo |
| 11 | 11-Jan |    | 15623   | SSCTD        | 7:07  | 7:48  |                             |
| 11 | 11-Jan |    | #2      | 63um         | 8:02  | na    | 0-100m fixed                |
| 11 | 11-Jan |    | #3      | 200um        | 8:12  | na    | 0-100m fixed                |
| 11 | 11-Jan |    | #4      | 200um        | 8:22  | na    | 0-100m gut fluor            |
| 12 | 12-Jan |    | 15624   | seasoar      | na    | 12:47 |                             |
| 12 | 12-Jan |    | 15625   | LHPR         | 13:30 | 15:38 |                             |
| 12 | 12-Jan |    | 15626   | Pelagra      | 18:20 | 3:25  | ends 14/1/05                |
| 12 | 12-Jan |    | 15627   | ThCTD        | 19:00 | 19:45 |                             |
| 12 | 12-Jan |    | #2      | SAPS         | 20:10 | 22:21 | to 80m                      |
| 12 | 12-Jan |    | 15628   | SSCTD        | 22:47 | 2:55  |                             |
| 13 | 13-Jan |    | 15629   | TiCTD        | 1:18  | na    |                             |
| 13 | 13-Jan |    | #2      | 63um         | 2:16  | na    |                             |
| 13 | 13-Jan |    | #3      | 200um        | 2:28  | na    | fixed gut fluor             |
| 13 | 13-Jan |    | #4      | 200um        | 2:38  | na    | iron                        |
| 13 | 13-Jan |    | #5      | 200um        | 2:48  | na    |                             |
| 13 | 13-Jan |    | 15630   | seasoar      | 5:30  | 4:38  | ends 14/1/05                |
| 14 | 14-Jan |    | 15631   | seasoar      | 12:45 | 3:31  |                             |
| 15 | 15-Jan |    | 15632   | SSCTD        | 4:22  | na    |                             |
| 15 | 15-Jan |    | #2      | 200um        | 5:34  | 5:42  |                             |
| 15 | 15-Jan |    | 15633   | gravity core | 6:58  | na    | 2m barrel                   |
| 15 | 15-Jan |    | #2      | gravity core | 9:02  | 10:45 | 2m barrel                   |
| 15 | 15-Jan |    | #3      | gravity core | 11:08 | na    | 2m barrel                   |
| 15 | 15-Jan |    | #4      | Mega         | 13:40 | na    |                             |
| 15 | 15-Jan |    | #5      | Mega         | 16:56 | na    |                             |
| 15 | 15-Jan |    | 15634   | SSCTD        | 20:58 | 22:56 | full depth                  |