**DY180 Event Log**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Event number** | **Deployment type & number** | **Date** | **Time (UTC)** | **Station** | **Latitude** | **Longitude** | **Notes** |
| 001 | CTD001S | 26/05 | 08:20 | Test | 59.19169 | -22.4127 | Stainless, to 1000m, limited sampling |
| 002 | CTD002T | 26/05 | 11:28 | Test | 59.18383 | -22.4764 | Titanium, to 1000m, all bottles fired at 1000m |
| 003 | MSC001 | 26/05 | 13:44 | Test | 59.17264 | -22.5228 | To 30m (Umi) |
| 004 | MSC002 | 26/05 | 14:07 | Test | 59.17142 | -22.5239 | To 30m (Yuki) |
| 005 | MSC003 | 26/05 | 14:30 | Test | 59.1699 | -22.5252 | To 30m (silver) |
| 006 | MSC004 | 26/05 | 14:48 | Test | 59.16868 | -22.5263 | To 30m (red) |
| 007 | MSC005 | 26/05 | 15:08 | Test | 59.16849 | -22.5381 | To 30m (blue) – failed. Condemned. |
| 008 | TM fish out | 26/05 | 15:48 | Test | 59.1605 | -22.5324 |  |
| 009 | Turbulence001 | 26/05 | 16:34 | Test | 59.15192 | -22.5249 | Two profiles to ~ 180m |
| 010 | Turbulence001 | 26/05 | 16:48 | Test | 59.15089 | -22.5229 |  |
| 011 | Optics rig (tethered) | 26/05 | 17:07 | Test | 59.1495 | -22.5188 |  |
| 012 | CTD003S | 27/05 | 04:12 | S1 | 59.99981 | -23.9995 | Stainless, to 1000m, “respiration deep” |
| 013 | CTD004S | 27/05 | 07:40 | S1 | 60.00016 | -24.0004 | Stainless, to 450m, RESPIRE water collection |
| 014 | MSC006 | 27/05 | 08:39 | S1 | 60.00016 | -24.0004 | Umi for respiration team, 120m |
| 015 | MSC007 | 27/05 | 09:04 | S1 | 60.00015 | -24.0004 | Yuki for respiration team, 55m |
| 016 | Array001 | 27/05 | 11:25 | S1 | 60.00001 | -24.0001 | Drift-SPIRE array deployment, fully deployed at 13:03 |
| 017 | MSC008 | 27/05 | 13:17 | S1 | 59.98576 | -23.9642 | MSC fluxes, Umi to 110m |
| 018 | MSC009 | 27/05 | 13:52 | S1 | 59.98342 | -23.9515 | MSC fluxes – silver came up leaking so re-deploying |
| 019 | MSC010 | 27/05 | 14:05 | S1 | 59.98151 | -23.9448 | MSC fluxes, Yuki to 55m |
| 020 | MSC011 | 27/05 | 14:31 | S1 | 59.98297 | -23.9374 | MSC fluxes – silver MSC to 55m |
| 021 | Bongo001 | 27/05 | 14:56 | S1 | 59.97997 | -23.9364 | Bongo to 200m |
| 022 | Bongo002 | 27/05 | 15:18 | S1 | 59.97831 | -23.9284 | Bongo to 50m |
| 023 | ISMI001 | 27/05 | 18:04 | S1 | 60.00227 | -23.9945 | To 450m |
| 024 | RCF001 | 27/05 | 20:14 | S1 | 60.00018 | -24.0002 | To 600m |
| 025 | Mammoth001 | 27/05 | 21:45 | S1 | 60.00019 | -24.0002 | To 500m |
| 026 | Mammoth002 | 27/05 | 23:36 | S1 | 60.00018 | -24.0002 |  |
| 027 | CTD005T | 28/05 | 02:59 | S1 | 60.00018 | -24.0002 | Titanium, to 1000m |
| 028 | CTD006S | 28/05 | 05:19 | S1 | 60.00019 | -24.0002 | Stainless, to 120m, “respiration, shallow” |
| 029 | MSC012 | 28/05 | 06:15 | S1 | 60.00017 | -24.0002 | Fluxes, Umi to 250m |
| 030 | MSC013 | 28/05 | 06:47 | S1 | 60.00018 | -24.0002 | Fluxes, silver to 250m |
| 031 | MSC014 | 28/05 | 07:16 | S1 | 60.00017 | -24.0002 | Fluxes, Yuki to 450m |
| 032 | MS015 | 28/05 | 07:54 | S1 | 60.00018 | -24.0002 | Fluxes, Red, to 120m |
| 033 | Float001 | 28/05 | 09:38 | S1 | 59.99922 | -23.999 |  |
| 034 | Float002 | 28/05 | 09:45 | S1 | 59.99788 | -23.9968 |  |
| 035 | Float003 | 28/05 | 09:53 | S1 | 59.9921 | -23.9884 |  |
| 036 | CTD007S | 28/05 | 11:10 | S1 | 60.0002 | -24.0003 | Stainless, to 1000m, “optics & general” |
| 037 | IOP001 | 28/05 | 12:48 | S1 | 60.00019 | -24.0004 | IOPs to 120m |
| 038 | OpticsP001 | 28/05 | 13:33 | S1 | 59.99983 | -23.9997 | Profiling optics rig |
| 039 | OpticsT001 | 28/05 | 14:02 | S1 | 59.99986 | -23.9997 | Tethered optics rig |
| 040 | Glider001 | 28/05 | 15:43 | S1 | 59.93475 | -23.9597 | Glider 397 |
| 041 | Glider002 | 28/05 | 17:00 | S1 | 59.94676 | -23.9674 | Glider 405 |
| 042 | Glider003 | 28/05 | 17:51 | S1 | 59.96021 | -23.9741 | Glider 398 |
| 043 | Glider004 | 28/05 | 18:39 | S1 | 59.97413 | -23.9819 | Glider 345 |
| 044 | ISMI002 | 28/05 | 19:28 | S1 | 59.99932 | -23.9989 | To 750m |
| 045 | Turbulence002 | 28/05 | 21:31 | S1 | 60.00021 | -24.0002 |  |
| 046 | RCF002 | 28/05 | 23:42 | S1 | 59.99977 | -23.9998 |  |
| 047 | RCF003 | 29/05 | 00:29 | S1 | 59.99979 | -23.9998 |  |
| 048 | Bongo003 | 29/05 | 01:04 | S1 | 59.99979 | -23.9998 |  |
| 049 | Bongo004 | 29/05 | 01:30 | S1 | 59.99979 | -23.9998 |  |
| 050 | MSC016 | 29/05 | 02:29 | S1 | 59.99979 | -23.9998 | Yuki to 120m, for respiration |
| 051 | MSC017 | 29/05 | 02:48 | S1 | 59.99981 | -23.9998 | Umi to 55m, for respiration |
| 052 | Mammoth003 | 29/05 | 04:20 | S1 | 59.99981 | -23.9997 | To 550m |
| 053 | Mammoth004 | 29/05 | 06:11 | S1 | 59.99983 | -23.9997 | 05:58 Aborted due to twisted net; 06:11 redeployed to 550m |
| 054 | Turbulence003 | 29/05 | 08:41 | S1 | 59.99994 | -23.9998 |  |
| 055 | CTD008S | 29/05 | 12:07 | S1 | 59.9999 | -23.9996 | Stainless, to 1000m, “ETS & omics” |
| 056 | RCF004 | 29/05 | 14:00 | S1 | 59.99991 | -23.9996 |  |
| 057 | ISMI003 | 29/05 | 16:00 | S1 | 59.99991 | -23.9996 | To 1000m |
| 058 | CTD009S | 29/05 | 19:48 | S1 | 59.73712 | -23.9052 | At location of drifting array; Quick CTD to 700m, sensors only |
| 059 | Array001 | 29/05 | 20:53 | S1 | 59.7332 | -23.9254 | Drift-SPIRE array; fully recovered at 22:01 |
| 060 | TM fish out | 29/05 | 22:27 | S1 | 59.72748 | -23.9864 | TM fish redeployed for passage |
| 061 | Bongo005 | 30/05 | 23:54 | R1 | 56.21601 | -26.8302 |  |
| 062 | Bongo006 | 31/05 | 00:20 | R1 | 56.21602 | -26.8302 |  |
| 063 | CTD010T | 31/05 | 01:28 | R1 | 56.21603 | -26.8302 | Titanium, to 1000m |
| 064 | CTD011S | 31/05 | 03:31 | R1 | 56.21602 | -26.8302 | Stainless, to 120m, “respiration, shallow” |
| 065 | MSC018 | 31/05 | 05:06 | R1 | 56.21604 | -26.8302 | Yuki, to 15m, for CHALKY |
| 066 | MSC019 | 31/05 | 05:20 | R1 | 56.21602 | -26.8302 | Umi, to 55m, for CHALKY |
| 067 | MSC020 | 31/05 | 05:42 | R1 | 56.21604 | -26.8302 | Red, to 55m, for CHALKY |
| 068 | MSC021 | 31/05 | 06:01 | R1 | 56.21604 | -26.8302 | Silver, to 55m, for CHALKY |
| 069 | RCF005 | 31/05 | 06:47 | R1 | 56.21603 | -26.8302 |  |
| 070 | Turbulence004 | 31/05 | 08:18 | R1 | 56.21584 | -26.8306 |  |
| 071 | CTD012S | 31/05 | 10:45 | R1 | 56.21608 | -26.8301 | Stainless, to 1000m, “optics & general” |
| 072 | IOP002 | 31/05 | 12:26 | R1 | 56.21608 | -26.8301 |  |
| 073 | OpticsT002 | 31/05 | 13:01 | R1 | 56.21601 | -26.8302 | Tethered optics rig |
| 074 | OpticsP002 | 31/05 | 13:20 | R1 | 56.21527 | -26.8309 | Profiling optics rig |
| 075 | Bongo007 | 31/05 | 14:23 | R1 | 56.215 | -26.8299 |  |
| 076 | Bongo008 | 31/05 | 14:43 | R1 | 56.21502 | -26.83 |  |
| 077 | Mammoth005 | 31/05 | 15:37 | R1 | 56.21503 | -26.83 | To 550m |
| 078 | Mammoth006 | 31/05 | 17:09 | R1 | 56.21502 | -26.83 |  |
| 079 | CTD013S | 02/06 | 01:17 | S2 | 60.01929 | -23.7195 | Stainless, to 1000m, “general” |
| 080 | CTD014S | 02/06 | 03:55 | S2 | 60.01922 | -23.7194 | Stainless, to 1000m, “respiration, deep” |
| 081 | Turbulence005 | 02/06 | 05:58 | S2 | 60.01915 | -23.7193 |  |
| 082 | MSC022 | 02/06 | 08:44 | S2 | 60.01924 | -23.72 | Yuki, 65m, didn’t close, respiration |
| 083 | MSC023 | 02/06 | 09:00 | S2 | 60.01918 | -23.72 | Yuki, 65m, didn’t close again, respiration |
| 084 | MSC024 | 02/06 | 09:13 | S2 | 60.01812 | -23.7196 | Umi, 65m, respiration |
| 085 | MSC025 | 02/06 | 09:32 | S2 | 60.01751 | -23.7194 | Silver, 120m, respiration |
| 086 | MSC026 | 03/06 | 09:59 | R2 | 57.12447 | -26.1376 | Umi, 55m, CHALKY |
| 087 | MSC027 | 03/06 | 10:11 | R2 | 57.12452 | -26.1376 | Yuki, 15m, CHALKY |
| 088 | MSC028 | 03/06 | 10:30 | R2 | 57.12489 | -26.1376 | Silver, 55m, CHALKY |
| 089 | CTD015S | 03/06 | 10:50 | R2 | 57.12564 | -26.1376 | Stainless, to 1000m, “optics & general” |
| 090 | IOP003 | 03/06 | 12:23 | R2 | 57.12694 | -26.138 |  |
| 091 | OpticsT003 | 03/06 | 12:45 | R2 | 57.12695 | -26.1384 |  |
| 092 | OpticsP003 | 03/06 | 13:17 | R2 | 57.12872 | -26.1435 |  |
| 093 | Bongo009 | 03/06 | 13:37 | R2 | 57.12816 | -26.1416 |  |
| 094 | Bongo010 | 03/06 | 13:59 | R2 | 57.1273 | -26.1485 | One net came unmoored, but plenty of material in the other net. |
| 095 | Mammoth007 | 03/06 | 15:56 | R2 | 57.12758 | -26.1577 | To 600m |
| 096 | Mammoth008 | 03/06 | 17:29 | R2 | 57.12166 | -26.184 |  |
| 097 | OpticsT004 | 03/06 | 18:52 | R2 | 57.11618 | -26.2126 | Bonus optics because the sun came out (briefly!) |
| 098 | IOP004 | 03/06 | 19:07 | R2 | 57.11564 | -26.218 |  |
| 099 | RCF006 | 03/06 | 19:53 | R2 | 57.11114 | -26.218 |  |
| 100 | Turbulence006 | 03/06 | 21:04 | R2 | 57.11199 | -26.2284 |  |
| 101 | Bongo011 | 03/06 | 23:05 | R2 | 57.12453 | -26.2534 |  |
| 102 | Bongo012 | 03/06 | 23:25 | R2 | 57.12492 | -26.2594 |  |
| 103 | CTD016T | 04/06 | 01:32 | R2 | 57.1178 | -26.2574 | Titanium, to 1000m |
| 104 | CTD017S | 04/06 | 03:55 | R2 | 57.11454 | -26.2812 | Stainless, to 120m, “respiration, shallow” |
| 105 | TM Fish | 05/06 | 23:30 | S3 | 59.46964 | -22.5676 | TM fish deployed |
| 106 | CTD018S | 06/06 | 01:14 | S3 | 59.43984 | -22.6396 | Stainless, to 1000m, “RESPIRE & general” |
| 107 | CTD019S | 06/06 | 03:58 | S3 | 59.43715 | -22.6379 | Stainless, to 1000m, “respiration, deep” |
| 108 | MSC029 | 06/06 | 06:44 | S3 | 59.43778 | -22.6371 | Yuki, 65m, respiration |
| 109 | MSC030 | 06/06 | 06:57 | S3 | 59.43595 | -22.6392 | Silver, 120m, respiration |
| 110 | Array002 | 06/06 | 08:01 | S3 | 59.43584 | -22.6399 | Drift-SPIRE array deployment, fully deployed at 09:11 |
| 111 | RCF007 | 06/06 | 10:49 | S3 | 59.43944 | -22.6497 |  |
| 112 | Bongo013 | 06/06 | 11:47 | S3 | 59.43681 | -22.6561 |  |
| 113 | Bongo014 | 06/06 | 12:06 | S3 | 59.43587 | -22.6584 |  |
| 114 | MSC031 | 06/06 | 12:27 | S3 | 59.43512 | -22.6602 | Yuki, 65m, misfired |
| 115 | MSC032 | 06/06 | 12:40 | S3 | 59.43468 | -22.6613 | Umi, 65m, fluxes |
| 116 | MSC033 | 06/06 | 12:57 | S3 | 59.43405 | -22.6628 | Silver, 65m, pin not removed |
| 117 | MSC034 | 06/06 | 13:19 | S3 | 59.43356 | -22.664 | Silver, 65m, leaky |
| 118 | MSC035 | 06/06 | 13:31 | S3 | 59.43343 | -22.6643 | Red, 120m, fluxes |
| 119 | MSC036 | 06/06 | 13:49 | S3 | 59.43323 | -22.6648 | Umi, 250m, fluxes |
| 120 | ISMI004 | 06/06 | 14:26 | S3 | 59.43278 | -22.6659 | To 1001m |
| 121 | Turbulence007 | 06/06 | 18:25 | S3 | 59.41918 | -22.6444 |  |
| 122 | Mammoth009 | 06/06 | 21:38 | S3 | 59.42951 | -22.637 |  |
| 123 | Mammoth010 | 06/06 | 23:34 | S3 | 59.41526 | -22.6188 |  |
| 124 | CTD020T | 07/06 | 02:32 | S3 | 59.4266 | -22.6265 | Titanium, to 1000m |
| 125 | CTD021S | 07/06 | 04:42 | S3 | 59.43156 | -22.625 | Stainless, to 120m, “respiration, shallow” |
| 126 | MSC037 | 07/06 | 08:14 | S3 | 59.43881 | -22.6477 | Red, 250m, fluxes |
| 127 | MSC038 | 07/06 | 08:41 | S3 | 59.43872 | -22.6479 | Yuki, 450m, fluxes |
| 128 | MSC039 | 07/06 | 09:05 | S3 | 59.43885 | -22.6463 | Silver, 750m, fluxes |
| 129 | MSC040 | 07/06 | 09:47 | S3 | 59.4391 | -22.6436 |  |
| 130 | CTD022S | 07/06 | 11:11 | S3 | 59.44079 | -22.629 | Stainless, to 1000m, bonus CTD |
| 131 | IOP005 | 07/06 | 12:38 | S3 | 59.43532 | -22.6143 |  |
| 132 | OpticsT005 | 07/06 | 13:05 | S3 | 59.43186 | -22.6063 | Tethered optics rig |
| 133 | ISMI005 | 07/06 | 13:56 | S3 | 59.43493 | -22.615 | To 750m |
| 134 | RCF008 | 07/06 | 18:05 | S3 | 59.40284 | -22.5653 |  |
| 135 | Turbulence008 | 07/06 | 21:07 | S3 | 59.36283 | -22.4858 |  |
| 136 | Bongo015 | 07/06 | 23:01 | S3 | 59.37492 | -22.4852 |  |
| 137 | Bongo016 | 07/06 | 23:20 | S3 | 59.37025 | -22.4799 |  |
| 138 | RCF009 | 08/06 | 00:27 | S3 | 59.36723 | -22.4848 |  |
| 139 | CTD023S | 08/06 | 02:05 | S3 | 59.36755 | -22.4838 | Stainless, to 1000m, “ETS & Omics” |
| 140 | MSC041 | 08/06 | 03:54 | S3 | 59.36612 | -22.4875 |  |
| 141 | MSC042 | 08/06 | 04:12 | S3 | 59.36711 | -22.4855 |  |
| 142 | MSC043 | 08/06 | 04:28 | S3 | 59.36744 | -22.4848 |  |
| 143 | MSC044 | 08/06 | 04:43 | S3 | 59.36712 | -22.4853 |  |
| 144 | Mammoth011 | 08/06 | 06:05 | S3 | 59.36588 | -22.487 |  |
| 145 | Mammoth012 | 08/06 | 07:39 | S3 | 59.36516 | -22.4871 |  |
| 146 | MSC045 | 08/06 | 09:21 | S3 | 59.35508 | -22.4756 | Test of closure mechanism on Umi, 450m, fluxes |
| 147 | CTD024S | 08/06 | 11:01 | S3 | 59.35051 | -22.4729 | Stainless, to 1000m, “Optics & general” |
| 148 | IOP006 | 08/06 | 12:33 | S3 | 59.34523 | -22.4631 |  |
| 149 | OpticsT006 | 08/06 | 13:06 | S3 | 59.34506 | -22.4661 | Tethered optics rig |
| 150 | OpticsP004 | 08/06 | 13:23 | S3 | 59.34651 | -22.4701 | Profiling optics rig |
| 151 | ISMI006 | 08/06 | 13:56 | S3 | 59.34549 | -22.4719 | To 450m |
| 152 | Array002 | 08/06 | 19:55 | S3 | 59.4122 | -21.5399 | Drift-SPIRE array; fully recovered at 21:03 |
| 153 | TM Fish out | 08/06 | 21:15 | S3 | 59.42774 | -21.4845 | TM Fish deployed for passage |
| 154 | Bongo017 | 10/06 | 00:01 | R3 | 57.2301 | -28.3399 |  |
| 155 | Bongo018 | 10/06 | 00:28 | R3 | 57.23073 | -28.3414 |  |
| 156 | CTD025T | 10/06 | 01:32 | R3 | 57.23084 | -28.3424 | Titanium, to 1000m |
| 157 | CTD026S | 10/06 | 03:31 | R3 | 57.23148 | -28.3433 | Stainless, to 120m, “respiration, shallow” |
| 158 | MSC046 | 10/06 | 04:55 | R3 | 57.23188 | -28.3438 | Yuki, 15m, CHALKY, leaking |
| 159 | MSC047 | 10/06 | 05:09 | R3 | 57.2322 | -28.3443 | Silver, 55m, CHALKY |
| 160 | MSC048 | 10/06 | 05:20 | R3 | 57.23242 | -28.3447 | Umi, 100m, CHALKY, base not closed |
| 161 | MSC049 | 10/06 | 05:45 | R3 | 57.23267 | -28.345 | Yuki, 15m, CHALKY |
| 162 | RCF010 | 10/06 | 06:02 | R3 | 57.23234 | -28.3445 |  |
| 163 | Turbulence009 | 10/06 | 07:55 | R3 | 57.22962 | -28.3495 |  |
| 164 | Bongo019 | 10/06 | 09:49 | R3 | 57.2139 | -28.3814 |  |
| 165 | Bongo020 | 10/06 | 10:06 | R3 | 57.21354 | -28.3825 |  |
| 166 | CTD027S | 10/06 | 11:11 | R3 | 57.21014 | -28.3903 |  |
| 167 | IOP007 | 10/06 | 12:31 | R3 | 57.20963 | -28.3913 |  |
| 168 | OpticsT007 | 10/06 | 12:58 | R3 | 57.20938 | -28.3907 |  |
| 169 | OpticsP005 | 10/06 | 13:21 | R3 | 57.20894 | -28.3855 |  |
| 170 | Mammoth013 | 10/06 | 14:38 | R3 | 57.20982 | -28.3845 |  |
| 171 | Mammoth014 | 10/06 | 16:02 | R3 | 57.21314 | -28.3868 |  |
| 172 | CTD028S | 11/06 | 16:53 | S4 | 59.039 | -22.4553 | Stainless, to 1000m, glider cal for 345 (Cabot), sensors only, no bottles fired |
| 173 | CTD029S | 11/06 | 19:41 | S4 | 59.23023 | -22.0932 | Stainless, to 1000m, glider cal for 398 (Churchill), sensors only, no bottles fired |
| 174 | CTD030S | 11/06 | 22:02 | S4a | 59.18469 | -22.3873 | Stainless, to 1000m, glider cal for 397 (Nelson), sensors only, no bottles fired |
| 175 | CTD031S | 12/06 | 01:14 | S4a | 59.18699 | -22.3884 | Stainless, to 1000m, “RESPIRE & general”. Relocated S4 back to position of CTD029S because weaker currents there. |
| 176 | CTD032S | 12/06 | 04:17 | S4 | 59.24316 | -22.0786 | Stainless, to 1000m, “respiration, deep” |
| 177 | MSC050 | 12/06 | 06:38 | S4 | 59.24462 | -22.0796 | Yuki, 55m, respiration |
| 178 | MSC051 | 12/06 | 06:52 | S4 | 59.24457 | -22.08 | Silver, 120m, leaking, redeployed |
| 179 | MSC052 | 12/06 | 07:09 | S4 | 59.24452 | -22.0803 | Silver, 120m, respiration |
| 180 | Array003 | 12/06 | 08:20 | S4 | 59.24527 | -22.0765 | Drift-SPIRE array deployment (traps at 120 & 450m), fully deployed at 09:32 |
| 181 | RCF011 | 12/06 | 10:06 | S4 | 59.23358 | -22.0715 |  |
| 182 | MSC053 | 12/06 | 11:58 | S4 | 59.23271 | -22.0832 | Fluxes, Yuki, to 55m |
| 183 | MSC054 | 12/06 | 12:10 | S4 | 59.23246 | -22.0842 | Fluxes, Umi test dip, to 55m |
| 184 | MSC055 | 12/06 | 12:28 | S4 | 59.23208 | -22.0857 | Fluxes, Silver, to 250m |
| 185 | MSC056 | 12/06 | 13:06 | S4 | 59.23104 | -22.0896 | Fluxes, Red, to 250m, leaky base |
| 186 | ISMI007 | 12/06 | 13:58 | S4 | 59.23526 | -22.0868 | To 120m |
| 187 | Bongo021 | 12/06 | 17:58 | S4 | 59.22268 | -22.0587 |  |
| 188 | Bongo022 | 12/06 | 18:22 | S4 | 59.21881 | -22.0539 |  |
| 189 | Turbulence010 | 12/06 | 18:48 | S4 | 59.21422 | -22.0478 |  |
| 190 | Mammoth015 | 12/06 | 21:30 | S4 | 59.25693 | -22 |  |
| 191 | Mammoth016 | 12/06 | 23:16 | S4 | 59.25704 | -22.0009 |  |
| 192 | CTD033T | 13/06 | 02:15 | S4 | 59.28147 | -21.9664 | Titanium, to 1000m |
| 193 | CTD034S | 13/06 | 04:22 | S4 | 59.28471 | -21.9512 | Stainless, to 120m, “respiration, shallow” |
| 194 | MSC057 | 13/06 | 08:01 | S4 | 59.30764 | -21.9054 | Fluxes, Silver, to 450m |
| 195 | MSC058 | 13/06 | 08:44 | S4 | 59.30309 | -21.9125 | Fluxes, Red, to 120m |
| 196 | MSC059 | 13/06 | 09:01 | S4 | 59.30469 | -21.9108 | Fluxes, Yuki, to 750m |
| 197 | IOP008 | 13/06 | 12:59 | S4 | 59.33205 | -21.8606 |  |
| 198 | OpticsT008 | 13/06 | 13:30 | S4 | 59.33357 | -21.8608 |  |
| 199 | ISMI008 | 13/06 | 14:13 | S4 | 59.3364 | -21.858 | To 750m |
| 200 | RCF012 | 13/06 | 18:44 | S4 | 59.35799 | -21.8417 |  |
| 201 | Turbulence011 | 13/06 | 20:19 | S4 | 59.3732 | -21.8226 |  |
| 202 | Bongo023 | 13/06 | 22:53 | S4 | 59.3802 | -21.8273 |  |
| 203 | Bongo024 | 13/06 | 23:12 | S4 | 59.38293 | -21.8251 |  |
| 204 | RCF013 | 14/06 | 00:26 | S4 | 59.39924 | -21.8106 |  |
| 205 | CTD035S | 14/06 | 02:08 | S4 | 59.41707 | -21.807 | Stainless, to 1000m, “ETS & Omics” |
| 206 | MSC060 | 14/06 | 04:05 | S4 | 59.42529 | -21.7981 | Respiration, Yuki, to 55m |
| 207 | MSC061 | 14/06 | 04:19 | S4 | 59.42574 | -21.7983 | Respiration, Silver, to 120m |
| 208 | Mammoth017 | 14/06 | 05:59 | S4 | 59.43941 | -21.785 |  |
| 209 | Mammoth018 | 14/06 | 07:23 | S4 | 59.45171 | -21.7918 |  |
| 210 | CTD036S | 14/06 | 11:05 | S4 | 59.48767 | -21.8007 |  |
| 211 | IOP009 | 14/06 | 12:46 | S4 | 59.50326 | -21.7851 |  |
| 212 | OpticsT009 | 14/06 | 13:16 | S4 | 59.50634 | -21.7829 | Tethered optics rig |
| 213 | OpticsP006 | 14/06 | 13:33 | S4 | 59.50874 | -21.7747 | Profiling optics rig |
| 214 | Array003 | 14/06 | 15:20 | S4 | 59.52948 | -21.786 | Drift-SPIRE array; fully recovered at 16:36 |
| 215 | TM Fish | 14/06 | 17:21 | S4 | 59.54597 | -21.7542 | TM Fish deployed |
| 216 | Bongo025 | 16/06 | 01:10 | R4 | 58.99212 | -24.6729 |  |
| 217 | Bongo026 | 16/06 | 01:33 | R4 | 58.99187 | -24.6724 |  |
| 218 | CTD037T | 16/06 | 02:26 | R4 | 58.99137 | -24.6712 |  |
| 219 | CTD038S | 16/06 | 04:22 | R4 | 58.98127 | -24.6766 | Stainless, to 120m, no bottles fired. Repositioned to centre of CHALKY patch again. |
| 220 | CTD039S | 16/06 | 05:22 | R4 | 59.01376 | -24.6681 | Stainless, to 120m, “respiration, shallow” |
| 221 | MSC062 | 16/06 | 06:14 | R4 | 59.01343 | -24.6674 | CHALKY, Yuki, to 55m |
| 222 | MSC063 | 16/06 | 06:24 | R4 | 59.01343 | -24.6674 | CHALKY, Silver, to 55m |
| 223 | RCF014 | 16/06 | 06:48 | R4 | 59.01343 | -24.6675 |  |
| 224 | Turbulence012 | 16/06 | 08:18 | R4 | 59.01184 | -24.6645 |  |
| 225 | Bongo027 | 16/06 | 10:02 | R4 | 59.01746 | -24.6531 |  |
| 226 | Bongo028 | 16/06 | 10:20 | R4 | 59.01643 | -24.6537 |  |
| 227 | CTD040S | 16/06 | 11:03 | R4 | 59.01396 | -24.6565 | Stainless, to 1000m, “Optics & general” |
| 228 | IOP010 | 16/06 | 12:29 | R4 | 59.01115 | -24.6492 |  |
| 229 | OpticsT010 | 16/06 | 13:07 | R4 | 59.01042 | -24.646 | Tethered optics rig |
| 230 | OpticsP007 | 16/06 | 13:34 | R4 | 59.01445 | -24.6395 | Profiling optics rig |
| 231 | Mammoth019 | 16/06 | 14:16 | R4 | 59.01315 | -24.6412 |  |
| 232 | Mammoth020 | 16/06 | 15:48 | R4 | 59.01335 | -24.642 |  |
| 233 | CTD041S | 17/06 | 07:38 | S5 | 60.23638 | -21.2035 | Stainless, to 1000m, “RESPIRE & general” |
| 234 | MSC064 | 17/06 | 08:59 | S5 | 60.23655 | -21.2025 | Respiration, Silver, to 120m |
| 235 | MSC065 | 17/06 | 09:17 | S5 | 60.23678 | -21.2012 | Respiration, Yuki, to 55m. Leaking. |
| 236 | MSC066 | 17/06 | 09:35 | S5 | 60.23716 | -21.199 | Respiration, Red, to 55m. |
| 237 | CTD042S | 17/06 | 10:05 | S5 | 60.23761 | -21.1966 | Stainless, to 1000m, “respiration, deep” |
| 238 | Array004 | 17/06 | 11:37 | S5 | 60.23903 | -21.1887 | Drift-SPIRE deployment (traps at 120m and 250m); fully deployed at 12:42 |
| 239 | RCF015 | 17/06 | 13:11 | S5 | 60.24321 | -21.1895 |  |
| 240 | MSC067 | 17/06 | 14:04 | S5 | 60.24333 | -21.1889 | Fluxes team |
| 241 | MSC068 | 17/06 | 14:18 | S5 | 60.24354 | -21.1881 | Fluxes team |
| 242 | MSC069 | 17/06 | 14:40 | S5 | 60.24405 | -21.1859 | Fluxes team |
| 243 | MSC070 | 17/06 | 15:15 | S5 | 60.2427 | -21.1822 | Fluxes team |
| 244 | Bongo029 | 17/06 | 16:02 | S5 | 60.24203 | -21.1791 |  |
| 245 | Bongo030 | 17/06 | 16:22 | S5 | 60.24176 | -21.1801 |  |
| 246 | ISMI009 | 17/06 | 17:01 | S5 | 60.23955 | -21.1784 | To 1005m! |
| 247 | Mammoth021 | 17/06 | 22:13 | S5 | 60.23736 | -21.1391 |  |
| 248 | Mammoth022 | 17/06 | 23:54 | S5 | 60.24007 | -21.1316 |  |
| 249 | CTD043T | 18/06 | 04:19 | S5 | 60.25205 | -21.0843 | Titanium, to 1000m |
| 250 | CTD044S | 18/06 | 06:04 | S5 | 60.25954 | -21.081 | Stainless, to 500m for glider cal, bottles only fired in top 120m, “respiration, shallow” |
| 251 | MSC071 | 18/06 | 08:00 | S5 | 60.26593 | -21.0875 |  |
| 252 | MSC072 | 18/06 | 08:16 | S5 | 60.26704 | -21.0894 |  |
| 253 | MSC073 | 18/06 | 08:57 | S5 | 60.27165 | -21.0973 | Fluxes, to 750m |
| 254 | IOP011 | 18/06 | 12:22 | S5 | 60.28246 | -21.1228 |  |
| 255 | OpticsT011 | 18/06 | 12:47 | S5 | 60.2857 | -21.1273 | Tethered optics rig |
| 256 | ISMI010 | 18/06 | 13:28 | S5 | 60.28208 | -21.1287 | To 250m |
| 257 | RCF016 | 18/06 | 18:00 | S5 | 60.29231 | -21.2202 |  |
| 258 | Turbulence013 | 18/06 | 19:26 | S5 | 60.2913 | -21.2438 |  |
| 259 | Bongo031 | 18/06 | 22:51 | S5 | 60.26929 | -21.2195 |  |
| 260 | Bongo032 | 18/06 | 23:09 | S5 | 60.2695 | -21.2214 |  |
| 261 | RCF017 | 19/06 | 00:14 | S5 | 60.27017 | -21.2179 |  |
| 262 | CTD045S | 19/06 | 04:33 | S5 | 60.26925 | -21.2126 | Stainless, to 1000m, “ETS & Omics” |
| 263 | MSC074 | 19/06 | 06:01 | S5 | 60.26838 | -21.2083 |  |
| 264 | MSC075 | 19/06 | 06:16 | S5 | 60.26794 | -21.2072 |  |
| 265 | Array004 | 20/06 | 04:55 | S5 | 60.26794 | -21.2072 | Drift-SPIRE array; fully recovered at 06:07 |
| 266 | TM Fish | 20/06 | 08:47 | S5 | 60.24321 | -21.1895 | TM Fish deployed |
| 267 | Turbulence014 | 20/06 | 09:08 | S5 | 60.24333 | -21.1889 |  |
| 268 | CTD046S | 20/06 | 11:20 | S5 | 60.24354 | -21.1881 | Stainless, to 1000m, “Optics & general” |
| 269 | IOP012 | 20/06 | 12:40 | S5 | 60.24405 | -21.1859 |  |
| 270 | OpticsT012 | 20/06 | 13:07 | S5 | 60.2427 | -21.1822 |  |
| 271 | Mammoth023 | 20/06 | 13:34 | S5 | 60.21557 | -21.0607 |  |
| 272 | Mammoth024 | 20/06 | 14:59 | S5 | 60.21702 | -21.0321 |  |
| 273 | Bongo033 | 20/06 | 23:57 | R5 | 60.12031 | -18.9531 | Second Bongo not completed due to weather/current conditions |
| 274 | CTD047T | 21/06 | 01:23 | R5 | 60.12128 | -18.9495 |  |
| 275 | CTD048S | 21/06 | 03:27 | R5 | 60.12021 | -18.9386 |  |
| 276 | MSC076 | 21/06 | 04:56 | R5 | 60.1185 | -18.9274 |  |
| 277 | MSC077 | 21/06 | 05:07 | R5 | 60.11858 | -18.9276 |  |
| 278 | RCF018 | 21/06 | 05:38 | R5 | 60.12009 | -18.9309 |  |
| 279 | Turbulence015 | 21/06 | 07:02 | R5 | 60.11941 | -18.9481 |  |
| 280 | Bongo034 | 21/06 | 08:58 | R5 | 60.12108 | -18.9494 |  |
| 281 | Bongo035 | 21/06 | 09:19 | R5 | 60.12364 | -18.9458 |  |
| 282 | Float004 | 21/06 | 10:26 | R5 | 60.13307 | -18.9342 | Asban-UK BGC float |
| 283 | CTD049S | 21/06 | 11:03 | R5 | 60.12502 | -18.945 | Stainless, to 1000m, “optics & general” |
| 284 | IOP013 | 21/06 | 12:25 | R5 | 60.1295 | -18.9283 |  |
| 285 | OpticsP008 | 21/06 | 12:54 | R5 | 60.13529 | -18.9184 |  |
| 286 | OpticsT013 | 21/06 | 13:26 | R5 | 60.13846 | -18.905 |  |
| 287 | Mammoth025 | 21/06 | 14:03 | R5 | 60.13356 | -18.9112 |  |
| 288 | Mammoth026 | 21/06 | 15:38 | R5 | 60.13564 | -18.9029 |  |
| 289 | CTD050S | 21/06 | 18:50 | CAL1 | 60.12388 | -18.7098 | Stainless, to 1000m, glider cal for 398 (Churchill), sensors only, no bottles fired |
| 290 | IOP014 | 21/06 | 19:53 | CAL1 | 60.1237 | -18.7068 |  |
| 291 | CTD051S | 21/06 | 21:22 | CAL2 | 60.20461 | -18.6789 | Stainless, to 1000m, glider cal for 397 (Nelson), sensors only, no bottles fired |
| 292 | IOP015 | 21/06 | 22:24 | CAL2 | 60.20483 | -18.6792 |  |
| 293 | RCF019 | 21/06 | 23:13 | CAL2 | 60.20139 | -18.6676 | With UVP6 from CTD frame attached in place of CPICS |
| 294 | Bongo036 | 22/06 | 05:56 | ALR | 60.17072 | -20.0031 | To collect zooplankton for experiments |
| 295 | ALR6 | 22/06 | 06:45 | ALR | 60.16968 | -19.9951 | Faulty ALR6 recovered |
| 296 | CTD052S | 22/06 | 08:26 | ALR | 60.18192 | -20.0388 | Calibration CTD for ALR4 |
| 297 | IOP016 | 22/06 | 09:49 | ALR | 60.18197 | -20.0389 |  |
| 298 | OpticsT014 | 22/06 | 10:31 | ALR | 60.17704 | -20.0294 | Tethered optics rig |
| 299 | CTD053S | 22/06 | 11:43 | CAL | 60.18023 | -20.1108 | Stainless, to 1000m, glider cal for 345 and 405 (Cabot and Doombar), sensors only, no bottles fired |
| 300 | TM Fish | 22/06 | 13:03 | CAL | 60.183948 | -20.103226 |  |