



# Plankton Net Tow Log Sheet

Cruise #: 2018-34 Vessel: Tully Page: 21  
Project(s): La Perouse Contact: Moira  
TSK Serial #: 7131 RBR serial #: Silver  
Time offset = + hrs = UTC (please record local time for samples)

|                      |                        |                    |       |
|----------------------|------------------------|--------------------|-------|
| Date: 10 Sep 18      | Station: 46            | Time: 1351         | LOCAL |
| Net Event #: 179     | CTD #: 178             |                    |       |
| Latitude: 48 51.43 N | Longitude: 123 10.80 W |                    |       |
| deg min.dec          | deg min.dec            |                    |       |
| Wire out: 165        | Wire angle: 5°         | Bottom Depth: 171  |       |
| Net Type: Bongo      | Tow Type: VNH          |                    |       |
| Flow start           | Flow end               | Flow = frozen      |       |
| 52311                | 53361                  | Non-flow = pickled |       |

Notes:

|             |             |                    |       |
|-------------|-------------|--------------------|-------|
| Date:       | Station:    | Time:              | LOCAL |
| Net Event # | CTD #       |                    |       |
| Latitude:   | N           | Longitude:         | W     |
| deg min.dec |             | deg min.dec        |       |
| Wire out:   | Wire angle: | Bottom Depth:      |       |
| Net Type:   | Tow Type:   |                    |       |
| Flow start  | Flow end    | Flow = frozen      |       |
|             |             | Non-flow = pickled |       |

Notes:

|             |             |                    |       |
|-------------|-------------|--------------------|-------|
| Date:       | Station:    | Time:              | LOCAL |
| Net Event # | CTD #       |                    |       |
| Latitude:   | N           | Longitude:         | W     |
| deg min.dec |             | deg min.dec        |       |
| Wire out:   | Wire angle: | Bottom Depth:      |       |
| Net Type:   | Tow Type:   |                    |       |
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|             |             |                    |       |
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| Date:       | Station:    | Time:              | LOCAL |
| Net Event # | CTD #       |                    |       |
| Latitude:   | N           | Longitude:         | W     |
| deg min.dec |             | deg min.dec        |       |
| Wire out:   | Wire angle: | Bottom Depth:      |       |
| Net Type:   | Tow Type:   |                    |       |
| Flow start  | Flow end    | Flow = frozen      |       |
|             |             | Non-flow = pickled |       |

Notes:

| STN      | STN Z | TOW Z | FLOW METER 7131 |       | L°       |
|----------|-------|-------|-----------------|-------|----------|
|          |       |       | START           | END   |          |
| HAR059   | 229   | 225   | 40570           | 41885 | 0°       |
| E1       | 115   | 105   | 41885           | 42531 | 2° 5     |
| C1       | 150   | 140   | 42533           | 43442 | 2° 5     |
| C2       | 159   | 149   | 43442           | 44361 | 0°       |
| C3       | 121   | 111   | 44362           | 45573 | 0        |
| LB07     | 155   | 145   | 45573           | 46070 | 5°       |
| B8       | 114   | 104   | 46070           | 46700 | 5°       |
| B7       | 78    | 68    | 46700           | 47289 | 10°      |
| LB08     | 139   | 129   | 47289           | 48209 | 5°       |
| reg-LB08 | "     | "     | 77757           | 78639 | 0        |
|          |       |       | correction      | 4877  |          |
| LB11     | 205   | 200   | 48210           | 49612 | 10°      |
| LB16     | 1790  | 250   | 49663           | 51380 | 0°       |
| LB16     | 1790  | 1200  | 51380           | 59710 | 10°      |
| LC12     | 2507  | 250   | 59618           | 61355 | 8°       |
| LC12     | 2511  | 1200  | 61355           | 70872 | 0        |
| LC09     | 600   | 250   | 70872           | 71921 | 0 BONE   |
| reg-LC09 | 600   | 250   | 78642           | 80258 | 0 RING   |
| A2       | 350   | 250   | 71420           | 72910 | 0        |
| LC08     | 196   | 190   | 72910           | 74338 | 20°      |
| LC06     | 92    | 85    | 74338           | 74908 | 15°      |
| LC05     | 64    | 59    | 74908           | 75376 | 5°       |
| LC04     | 168   | 160   | 75376           | 76415 | 30°      |
| LC04     | 168   | 160   | 80258           | 81480 | 30° RING |

Rite in the Rain

| TSK 7131        |                |                |                  |        |                 |
|-----------------|----------------|----------------|------------------|--------|-----------------|
| STN             | STN Z          | Tow Z          | START            | END    | L°              |
| LD02            | 43             | 37             | 76415            | 76669  | 0°              |
| LD04            | 61             | 55             | 76672            | 76983  | 0°              |
| LG01            | 97             | 90             | 76983            | 77528  | 20° R.          |
| LG02            | 97             | 90             | 81982            | 82223  | 13° R.          |
| LG04            | 144            | 135            | 77529            | 78245  | 0°              |
| LG07            | 1752           | 250            | 78245            | 79816  | 0°              |
| LG09            | 2000           | 250            | 79816            | 81047  | 0° Bong         |
| LG09            | 2000           | 250            | 82003            | 83320  | 5° Ring         |
| LBP8            | 2064           | 250            | 83322            | 84715  | 0° 250 Ring     |
| LBP8            | 2064           | 1200           | 81046            | 81943  | 0° Pdl          |
| LBP8            | 2064           | 250            | 87843            | 89222  | 0° Bong         |
| LBP7            | 2176           | 250            | 89222            | 90685  | 0°              |
| LBP5            | 1272           | 250            | 90685            | 92158  | 3°              |
| LBP3            | 163            | 158            | 92158            | 93044  | 0° Bong         |
| <del>LBP3</del> | <del>164</del> | <del>158</del> | <del>84715</del> |        | <del>Ring</del> |
| LBP3            | 200            | 1015           | 84715            | 85781  | 5° Ring         |
| LBP2            | 100            | 90             | 85781            | 84045  | 30°             |
| CPE2            | 127            | 120            | 94045            | 94880  | 7° Bong         |
| LG03            | 1272           | 250            | 94880            | 97018  | 10°             |
| J122            | 1084           | 292            | 97018            | 98911  | 5° Bong         |
| CS00            | 2168           | 250            | 98911            | 100591 | 10°             |
| CS00            | 2168           | 1200           | 00591            | 08065  | 0°              |
| CS01            | 2161           | 250            | 08065            | 10971  | 10°             |
| CS02            | 1900           | 250            | 11038            | 13448  | 30°             |

Return the Rain.

| STN             | STN2          | TOW-Z         | START            | END              | L°                 |
|-----------------|---------------|---------------|------------------|------------------|--------------------|
| CS02            | 1900          | 250           | 85882            | 88193            | 27° Ring           |
| CS03            | 235           | 228           | 13448            | 16161            | 29° BON            |
| CS04            | 95            | 90            | 16161            | 17139            | 31°                |
| CS3B            | 218           | 212           | 17139            | 19635            | 20°                |
| SS01            | 557           | 250           | 20635            | 21422            | 10                 |
| SS03            | 289           | 250           | 21422            | 24220            | 30                 |
| CS05            | 61            | 51            | 23720            | 24181            | 15                 |
| CS16            | 70            | 60            | 24408            | 24337            | 15                 |
| CS06            | 62            | 53            | 24833            | 25204            | 15                 |
| CS07            | 63            | 53            | 25204            | 25612            | 25                 |
| CS08            | 142           | 133           | 25612            | 26558            | 0                  |
| CS09            | 195           | 190           | 26560            | 27357            | 27° BON            |
| CS09            | 195           | 190           | 88193            | 88168            | Ring               |
| <del>CS10</del> | <del>80</del> | <del>75</del> | <del>87168</del> | <del>88168</del> | <del>70° BON</del> |
| CS10            | 80            | 75            | 27657            | 28108            | 7° BON             |
| SS5             | 200           | 195           | 28108            | 29433            | 21°                |
| SS6             | 175           | 170           | 29433            | 30568            | 20°                |
| CPE1            | 140           | 132           | 30568            | 31507            | 13°                |
| JS01            | 3             | 250           | Too windy.       |                  |                    |
| 14              | 311           | 305           | 31507            | 33666            | 22°                |
| 12              | 352           | 347           | 33666            | 35597            | 10°                |
| 11              | 300           | 295           | 35597            | 37418            | 16°                |
| CPF2            | 325           | 320           | 37418            | 39232            | 6°                 |
| CPF1            | 232           | 225           | 39232            | 40815            | 28°                |

Rite in the Rain

| STN  | STN Z | Tow Z              | START | END   | ∠°      |
|------|-------|--------------------|-------|-------|---------|
| 22   | 347   | 340                | 40815 | 43053 | 5       |
| 24   | 353   | <del>308</del> 340 | 43053 | 44871 | 0       |
| 28   | 133   | 125                | 44871 | 45541 | 5       |
| GEO1 | 399   | 390                | 45541 | 47578 | 0 BON   |
| GEO1 | 399   | 390                | 88169 | 90012 | 0 RY    |
| 38   | 304   | 294                | 47578 | 49005 | 0       |
| 41   | 238   | 230                | 49005 | 50334 | 0       |
| 42   | 315   | 310                | 50334 | 52311 | 2° RING |
| 46   | 171   | 165                | 52311 | 53361 | 5°      |

*Rite in the Rain*

