

2010-07 JOIS LSSL

Log kept on bridge  
of all science  
activities

# Bridge Log

## Louis Science Log 2010-07 Please log Net in/out, Rosette in/out, XCTD in

| Date       | Time (Z) | Event Type | Lat (dd mm.mm N) | Long (ddd mm.mm W) | Depth (Knudsen)  | Comments     |
|------------|----------|------------|------------------|--------------------|------------------|--------------|
| 16 Sept 10 | 21:29    | CTD in     | 70°33.2'N        | 122°54.5'W         |                  |              |
| 16 Sept 10 | 21:43    | ADCP in    | 70°33.3'N        | 122°54.4'W         |                  |              |
| 16 Sept 10 | 22:13    | Net in     | 70°33.4'N        | 122°54.5'W         |                  |              |
| 16 Sept 10 | 22:13    | ADCP out   | 70°33.5'N        | 122°54.7'W         |                  |              |
| 16 Sept 10 | 22:19    | Net out    | 70°33.5'N        | 122°54.7'W         |                  |              |
| 16 Sept 10 | 22:29    | Net in     | 70°33.6'N        | 122°54.4'W         |                  |              |
| 16 Sept 10 | 22:33    | CTD out    | 70°33.72'N       | 122°54.43'W        |                  |              |
| 16 Sept 10 | 22:39    | Net out    | 70°33.84'N       | 122°54.52'W        |                  |              |
| 17 Sept 10 | 14:15    | CTD in     | 71°46.98'N       | 131°51.86'W        | 1111m            |              |
| 17 Sept 10 | 14:24    | ADCP in    | 71°46.89'N       | 131°51.87'W        | 1111m            |              |
| 17 Sept 10 | 14:34    | Net in     | 71°46.89'N       | 131°51.93'W        | 1113m            |              |
| 17 Sept 10 | 14:44    | Net out    | 71°46.90'N       | 131°51.91'W        | 1112m            |              |
| 17 Sept 10 | 14:48    | Net in     | 71°46.90'N       | 131°51.94'W        | 1112m            |              |
| 17 Sept 10 | 14:56    | Net out    | 71°46.88'N       | 131°51.93'W        | 1112m            |              |
| 17 Sept 10 | 15:00    | Net in     | 71°46.86'N       | 131°51.95'W        | <del>1112m</del> |              |
| 17 Sept 10 | 15:19    | ADCP out   | 71°46.77'N       | 131°52.35'W        | 1116m            |              |
| 17 Sept 10 | 15:27    | Net Out    | 71°46.75'N       | 131°52.51'W        | 1117m            |              |
| 17 Sept 10 | 19:32    | CTD out    | 72°21.07'N       | 133°59.73'W        | 2046m            |              |
| 17 Sept 10 | 19:45    | ADCP out   | 72°21.16'N       | 133°59.73'W        | 2040m            |              |
| 17 Sept 10 | 19:48    | Net out    | 72°21.17'N       | 133°59.82'W        | 2040m            | Down To 100m |
| 17 Sept 10 | 19:57    | Net In     | 72°21.18'N       | 133°59.88'W        |                  |              |
| 17 Sept 10 | 20:03    | Net out    | 72°21.20'N       | 133°59.85'W        |                  | Down To 100m |

Louis Science Log 2010-07  
Please log Net in/out, Rosette in/out, XCTD in

| Date       | Time (Z) | Event Type   | Lat (dd mm.mm N) | Long (ddd mm.mm W) | Depth (Knudsen) | Comments |
|------------|----------|--------------|------------------|--------------------|-----------------|----------|
| Sept 17/10 | 2009     | Net out      | 72° 21.21' N     | 133° 59.85' W      |                 |          |
| "          | 2141     | CTD out      | 72° 21.62' N     | 134° 01.58' W      | 2062m           |          |
| Sept 17/10 | 2155     | ADCP out     | 72° 21.66' N     | 134° 02.31' W      |                 |          |
| Sept 18/10 | 0015     | XCTD In      | 71° 48.13' N     | 134° 12.23' W      | 1448m           |          |
| Sept 18/10 | 0019     | XCTD Enroute | 71° 46.97' N     | 134° 12.52' W      |                 |          |
| Sept 18/10 | 0231     | CTD in       | 71° 18.74' N     | 134° 19.77' W      | 979m            |          |
| Sept 18/10 | 0241     | ADCP in      | 71° 18.73' N     | 134° 19.89' W      | 978m            |          |
| Sept 18/10 | 0249     | Net in       | 71° 18.75' N     | 134° 19.81' W      | 979m            |          |
| Sept 18/10 | 0256     | Net out      | 71° 18.76' N     | 134° 19.79' W      | 977m            |          |
| "          | 0308     | Bottle in    | 71° 18.71' N     | 134° 19.81' W      | 982             |          |
| "          | 0314     | Net in       | 71° 18.71' N     | 134° 19.97' W      | 988m            |          |
| 19 Sept 10 | 0122     | CTD in       | 71° 12.10' N     | 134° 12.12' W      | 683m            |          |
| "          | 0132     | ADCP in      | 71° 12.08' N     | 134° 12.08' W      | 687m            |          |
| "          | 0136     | Net in       | 71° 12.07' N     | 134° 12.12' W      | 683m            |          |
| "          | 0152     | Net out      | 71° 12.02' N     | 134° 12.13' W      | 694m            |          |
| "          | 0200     | Net in       | 71° 11.95' N     | 134° 12.18' W      | 691m            |          |
| "          | 0205     | Net out      | 71° 11.97' N     | 134° 12.23' W      | 683m            |          |
| "          | 0216     | Net ADCP out | 71° 11.94' N     | 134° 12.33' W      | 698m            |          |
| "          | 0226     | Rosette out  | 71° 11.92' N     | 134° 12.41' W      | 712m            |          |
| 20 Sept 10 | 0434     | CTD out      | 71° 07.44' N     | 134° 03.71' W      | 450m            |          |
| "          | 0452     | ADCP out     | 71° 07.52' N     | 134° 03.56' W      | 451m            |          |
| "          | 0506     | CTD in       | 71° 07.58' N     | 134° 03.58' W      | 453             |          |

Louis Science Log 2010-07  
Please log Net in/out, Rosette in/out, XCTD in

| Date    | Time (Z) | Event Type    | Lat (dd mm.mm N) | Long (ddd mm.mm W) | Depth (Knudsen) | Comments |
|---------|----------|---------------|------------------|--------------------|-----------------|----------|
| Sept 19 | 05:14    | ADCP OUT      | 71°06.7.60'N     | 134°03.50'W        |                 |          |
| Sept 19 | 06:03    | CTD IN        | 71°02.15'N       | 133°56.528'W       | 270m            |          |
| Sept 19 | 06:11    | ADCP IN       | 71°02.17'N       | 133°58.58'W        |                 |          |
| Sept 19 | 06:24    | ADCTD OUT     | 71°02.19'N       | 133°56.61'W        | 271.4           |          |
| Sept 19 | 06:28    | CTD OUT       | 71°02.20'N       | 133°56.65'W        | 272             |          |
| Sept 19 | 07:22    | CTD IN        | 70°57.17'N       | 133°48.77'W        | 83.5 m          |          |
| Sept 19 | 07:27    | ADCP IN       | 70°57.24'N       | 133°48.82'W        | 84 m            |          |
| Sept 19 | 07:38    | ADCP OUT      | 70°57.41'N       | 133°49.28'W        | 87 m            |          |
| Sept 19 | 07:40    | CTD OUT       | 70°57.42'N       | 133°49.31'W        | 87 m            |          |
| Sept 19 | 08:25    | CTD IN        | 70°51.56'N       | 133°42.19'W        | 77 m            |          |
| Sept 19 | 08:34    | CTD OUT       | 70°51.58'N       | 133°42.16'W        | 76 m            |          |
| Sept 19 | 09:45    | NET IN        | 70°51.58'N       | 133°42.14'W        | 79 m            |          |
| Sept 19 | 09:49    | NET OUT       | 70°51.60'N       | 133°42.14'W        | 79 m            |          |
| Sept 19 | 22:01    | XCTD Away     | 71°04.93'N       | 135°55.07'W        | 102-1 m         |          |
| Sept 19 | 22:06    | XCTD Complete | 71°04.21'N       | 135°59.68'W        | 1041 m          |          |
| Sept 20 | 00:00    | XCTD Away     | 70°48.57'N       | 137°16.42'W        | 1442 m          |          |
| Sept 20 | 00:05    | XCTD Finish   | 70°47.99'N       | 137°19.53'W        | 1417 m          |          |
| Sept 20 | 01:44    | XCTD Away     | 70°35.21'N       | 138°28.37'W        | 1155 m          |          |
| Sept 20 | 01:48    | XCTD Finish   | 70°35.42'N       | 138°32.10'W        | 1158 m          |          |
| Sept 20 | 04:00    | CTD IN WATER  | 70°34.31'N       | 140°00.3'W         | 770 m           |          |
| Sept 20 | 04:08    | ADCP IN WATER | 70°34.21'N       | 140°00.3'W         | 770 m           |          |
| Sept 20 | 04:18    | CTD ABOARD    | 70°34.8'N        | 140°01.1'W         | 769 m           |          |

Louis Science Log 2010-07  
Please log Net in/out, Rosette in/out, XCTD in

| Date               | Time (Z)        | Event Type              | Lat (ddd mm.mm N)      | Long (ddd mm.mm W) | Depth (Knudsen) | Comments |
|--------------------|-----------------|-------------------------|------------------------|--------------------|-----------------|----------|
| <del>Sept 20</del> | <del>0513</del> | <del>70°34.19'N</del>   | <del>140°00.47'W</del> |                    |                 |          |
| Sept 20            | 0513            | CTD IN WATER            | 70°34.19'N             | 140°00.47'W        |                 |          |
| "                  | 0517            | BONGO IN                | 70°34.18'N             | 140°00.44'W        |                 |          |
| "                  | 0548            | BONGO @ 100m            | 70°34.11               | 140°00.50          |                 |          |
| "                  | 0545            | BONGO @ Surface         |                        |                    |                 |          |
| Sept 20            | 0609            | ADCP OUT                |                        |                    |                 |          |
| Sept 20            | 0613            | CTD <del>RESE</del> OUT | 70°34.06               | 140°00.71          |                 |          |
| Sept 20            | 0816            | CTD IN WATER            | 70°24.35'N             | 139°59.15'W        | 507m            |          |
| "                  | 0825            | ADCP IN WATER           | 70°23.35'N             | 139°59.98'W        | 500m            |          |
| "                  | 0829            | BONGO in water          | 70°23.92'N             | 140°00.03'W        | 509m            |          |
| "                  | 0836            | BONGO out water         | 70°23.91'N             | 140°00.09'W        | 499m            |          |
| SEPT 20            | 0850            | BONGO in water          | 70°23.88'N             | 140°00.24'W        | 497m            |          |
| SEPT 20            | 0856            | BONGO out water         | 70°23.86'N             | 140°00.29'W        | 496m            |          |
| SEPT 20            | 0902            | CTD OUT WATER           | 70°22.21'N             | 140°00.35'W        | 496m            |          |
| SEPT 20            | 0907            | ADCP OUT WATER          | 70°23.85'N             | 140°00.48'W        | 495m            |          |
| SEPT 20            | 1043            | CTD in water            | 70°13.51'N             | 139°59.99'W        | 228m            |          |
| SEPT 20            | 1050            | ADCP in water           | 70°13.51'N             | 140°00.12'W        | 226m            |          |
| "                  | 1055            | BONGO in water          | 70°13.52'N             | 140°00.16'W        | 226m            |          |
| "                  | 1102            | BONGO out water         | 70°13.52'N             | 140°00.13'W        | 226m            |          |
| "                  | 1109            | Net in                  | 70°13.53'N             | 140°00.07'W        | 227m            |          |
| "                  | 1115            | Net out                 | 70°13.51'N             | 140°00.04'W        | 226m            |          |
| "                  | 1117            | ADCP OUT                | 70°13.51'N             | 140°00.04'W        | 226m            |          |

Louis Science Log 2010-07  
Please log Net in/out, Rosette in/out, XCTD in

| Date    | Time (Z) | Event Type      | Lat (dd mm.mm N) | Long (ddd mm.mm W) | Depth (Knudsen) | Comments            |
|---------|----------|-----------------|------------------|--------------------|-----------------|---------------------|
| 20 Sept | 1239     | CTD out         | 70°00.23'N       | 140°00.92'W        | 58m             |                     |
| 20 Sept | 1245     | ADCP in         | 70°00.23'N       | 140°00.92'W        | 58m             |                     |
| "       | 1248     | Net in          | 70°00.21'N       | 140°00.94'W        | 58m             |                     |
| "       | 1253     | CTD out         | 70°00.18'N       | 140°01.02'W        | 59m             |                     |
| "       | 1258     | ADCP out        | 70°00.18'N       | 140°01.22'W        | 59m             |                     |
| "       | 1254     | Net out         | 70°00.18'N       | 140°01.09'W        | 59m             |                     |
| "       | 1301     | Net in          | 70°00.17'N       | 140°01.26'W        | 59m             |                     |
| "       | 1304     | Net out         | 70°00.15'N       | 140°01.26'W        | 60m             |                     |
| "       | 13025    | CTD in          | 70°39.89'N       | 140°00.15'W        | 1322m           |                     |
| "       | 1633     | ADCP in         | 70°39.88'N       | 140°00.25'W        | 1320m           |                     |
| "       | 1635     | Bongo in        | 70°39.86'N       | 140°00.28'W        | 1320m           |                     |
| "       | 1645     | Bongo out       | 70°39.84'N       | 140°00.38'W        | 1320m           |                     |
| "       | 1650     | Net in          | 70°39.8'N        | 140°00.38'W        | 1320m           |                     |
| "       | 1655     | Net at 100m     | 70°39.79         | 140°00.55'W        | 1320m           |                     |
| "       | 1701     | Net out         | 70°39.77'N       | 140°00.55'W        | 1320m           |                     |
| "       | 1734     | ADCP out        | 70°39.60'N       | 140°00.95'W        | 1320            |                     |
| Sept 20 | 1741     | CTD out         | 70°39.58'N       | 140°00.95'W        | 1320m           |                     |
| Sept 20 | 2040     | CTD in water    | 70°48.53'N       | 140°01.03'W        | 1431m           |                     |
| "       | 2049     | ADCP in water   | 70°48.53'N       | 140°01.45'W        | 1423m           |                     |
| "       | 2101     | Bongo in water  | 70°48.51'N       | 140°01.86'W        | 1445m           |                     |
| "       | 2107     | Bongo out water | 70°48.53'N       | 140°02.03'W        | 1438m           |                     |
| SEPT 20 | 2156     | ADCP out water  |                  |                    |                 | Bridge Not Notified |

Louis Science Log 2010-07  
Please log Net in/out, Rosette in/out, XCTD in

| Date    | Time (Z) | Event Type      | Lat (dd mm.mm N) | Long (ddd mm.mm W) | Depth (Knudsen) | Comments |
|---------|----------|-----------------|------------------|--------------------|-----------------|----------|
| SEPT 20 | 2205     | CTD out WATER   | 70° 48.74' N     | 140° 03.14' W      | 1472m           |          |
| SEPT 21 | 0128     | CTD in          | 71° 34.88' N     | 140° 00.22' W      | 2449m           |          |
| "       | 0132     | ADCP in         | 71° 34.88' N     | 140° 00.25' W      | 2448m           |          |
| "       | 0137     | Net in          | 71° 34.87' N     | 140° 00.29' W      | 2448m           |          |
| "       | 0145     | Net out         | 71° 34.87' N     | 140° 00.38' W      | 2447m           |          |
| "       | 0151     | Net in          | 71° 34.88' N     | 140° 00.44' W      | 2446m           |          |
| "       | 0155     | Net out         | 71° 34.86' N     | 140° 00.53' W      | 2448m           |          |
| SEPT 21 | 0330     | ADCP out        | 71° 34.60' N     | 140° 02.10' W      |                 |          |
| SEPT 21 | 0347     | CTD out         | 71° 34.45' N     | 140° 02.36' W      | 2444m           |          |
| SEPT 21 | 0641     | CTD in WATER    | 70° 59.80' N     | 140° 00.21' W      | 2060m           |          |
| "       | 0650     | ADCP in WATER   | 70° 59.77' N     | 140° 00.26' W      | 2056m           |          |
| "       | 0722     | ADCP out WATER  | 70° 59.82' N     | 140° 00.71' W      | 2069m           |          |
| "       | 0728     | CTD out         | 70° 59.82' N     | 140° 00.96' W      | 2066m           |          |
| "       | 0815     | BONDO in WATER  | 70° 00.09' N     | 139° 59.81' W      | 2068m           |          |
| "       | 0821     | BONDO out WATER | 70° 00.16' N     | 139° 59.92' W      | 2075m           |          |
| "       | 0833     | BONDO in WATER  | 71° 00.34' N     | 140° 00.06' W      | 2073m           |          |
| SEPT 21 | 0840     | BONDO out WATER | 71° 00.31' N     | 140° 00.09' W      | 2076m           |          |
| SEPT 21 | 0938     | CTD in WATER    | 71° 00.13' N     | 140° 00.55' W      | 2085m           |          |
| SEPT 21 | 0946     | ADCP in WATER   | 71° 00.20' N     | 140° 00.71' W      | 2086m           |          |
| SEPT 21 | 1031     | ADCP out WATER  | 71° 00.37' N     | 140° 01.65' W      | 2086m           |          |
| "       | 1123     | CTD out         | 71° 00.43' N     | 140° 02.35' W      | 2087m           |          |
| SEPT 22 | 0503     | CTD in          | 72° 59.94' N     | 140° 00.75' W      | 3198m           |          |

Louis Science Log 2010-07  
Please log Net in/out, Rosette in/out, XCTD in

| Date    | Time (Z) | Event Type | Lat (dd mm.mm N) | Long (ddd mm.mm W) | Depth (Knudsen) | Comments |
|---------|----------|------------|------------------|--------------------|-----------------|----------|
| Sept 21 | 1646     | CTD IN     | 72°00.20'N       | 140°02.27'W        | 2691m           |          |
| "       | 1650     | Net IN     | 72°00.20'N       | 140°02.27'W        | 2691m           |          |
| "       | 1656     | ADCP IN    | 72°00.15'N       | 140°02.39'W        | 2695m           |          |
| "       | 1658     | Net Out    | 72°00.14'N       | 140°02.4'W         |                 |          |
| "       | 1704     | ADCP Out   | 72°00.07'N       | 140°02.62'W        | 2691m           |          |
|         | 1709     | ADCP IN    | 72°00.03'N       | 140°02.72'W        | 2691m           |          |
|         | 1714     | Net IN     | 71°59.9'N        | 140°02.85'W        | 2700m           |          |
|         | 1720     | Net Out    | 71°59.84'W       | 140°03.17'W        | 2694m           |          |
|         | 1730     | ADCP Out   | 71°59.79'N       | 140°03.45'W        | 2698m           |          |
| Sept 21 | 1837     | CTD Out    | 71°59.17'N       | 140°05.42'W        | 2702m           |          |
| "       | 2213     | CTD IN     | 72°31.53'N       | 140°01.12'W        | 2996m           |          |
| "       | 2218     | ANCP IN    | 72°31.53'N       | 140°01.22'W        | 2995m           |          |
| "       | 2223     | Net IN     | 72°31.54'N       | 140°01.36'W        | 2995m           |          |
| "       | 2224     | Net Out    | 72°31.53'N       | 140°01.42'W        | 2995m           |          |
| "       | 2247     | Net IN     | 72°31.52'N       | 140°01.48'W        | 2995m           |          |
| "       | 2258     | Net Out    | 72°31.54'N       | 140°01.63'W        | 2995m           |          |
| Sept 22 | 0015     | CTD Out    | 72°31.61'N       | 140°02.22'W        | 2995m           |          |
| Sept 22 | 0603     | CTD IN     | 72°59.97'N       | 140°00.75'W        | 3198m           |          |
|         | 0610     | ADCP IN    | 72°59.87'N       | 140°00.53'W        | 3198m           |          |
|         | 0624     | Net IN     | 72°59.83'N       | 140°00.6'W         | 3200m           |          |
| Sept 22 | 0632     | Net Out    | 72°59.73'N       | 140°00.93'W        | 3200m           |          |
| Sept 22 | 0644     | Net IN     | 72°59.58'N       | 140°01.53'W        | 3202m           |          |

Louis Science Log 2010-07  
Please log Net in/out, Rosette in/out, XCTD in

| Date    | Time (Z) | Event Type              | Lat (dd mm.mm N) | Long (ddd mm.mm W) | Depth (Knudsen) | Comments |
|---------|----------|-------------------------|------------------|--------------------|-----------------|----------|
| SEPT 22 | 0644     | NET OUT                 | 72° 59.58' N     | 146° 02.3' W       | 3203            |          |
| "       | 0702     | ADCP OUT                | 72° 59.5' N      | 140° 02.5' W       | 3203            |          |
| SEPT 22 | 0812     | CTD OUT                 | 72° 59.2' N      | 140° 04.6' W       | 3226            |          |
| SEPT 22 | 1323     | CTD IN                  | 73° 26.94' N     | 138° 02.21' W      | 3119            |          |
| "       | 1330     | ADCP IN                 | 73° 26.89' N     | 138° 02.38' W      | 3119            |          |
| "       | 1335     | Net IN                  | 73° 26.87' N     | 138° 02.53' W      | 3117            |          |
| "       | 1343     | Net OUT                 | 73° 26.86' N     | 138° 02.59' W      | 3118            |          |
| "       | 1355     | Net IN                  | 73° 25.87' N     | 138° 02.61' W      | 3118            |          |
| "       | 1401     | Net OUT                 | 73° 26.86' N     | 138° 02.67' W      | 3118            |          |
| "       | 1509     | ADCP OUT                | 73° 26.80' N     | 138° 03.41' W      | 3118 m          |          |
| "       | 1524     | CTD OUT                 | 73° 26.79' N     | 138° 03.56' W      | 3119 m          |          |
| SEPT 22 | 2131     | CTD IN WATER            | 72° 54.35' N     | 136° 07.69' W      | 2776 m          |          |
| SEPT 22 | 2139     | ADCP IN WATER           | 72° 54.31' N     | 136° 07.78' W      | 2776 m          |          |
| SEPT 22 | 2202     | Boat GO IN              | 72° 54.22' N     | 136° 08.10' W      | 2774 m          |          |
| SEPT 22 | 2210     | Boat GO OUT             | 72° 54.18' N     | 136° 08.19' W      | 2774 m          |          |
| "       | 2217     | Boat GO IN              | 72° 54.15' N     | 136° 08.30' W      | 2774 m          |          |
| "       | 2224     | Boat GO OUT             | 72° 54.11' N     | 136° 08.40' W      | 2774 m          |          |
| "       | 2309     | <del>CTD</del> ADCP OUT | 72° 54.01' N     | 136° 08.91' W      | 2775            |          |
| "       | 2322     | CTD OUT                 | 72° 54.01' N     | 136° 09.28' W      | 2776 m          |          |
| SEPT 23 | 0726     | CTD IN WATER            | 73° 29.23' N     | 134° 09.96' W      | 2872 m          |          |
| SEPT 23 | 0733     | Boat GO IN WATER        | 73° 29.23' N     | 134° 10.12' W      | 2872 m          |          |
| SEPT 23 | 0740     | Boat GO OUT WATER       | 73° 29.24' N     | 134° 10.18' W      | 2872 m          |          |

Louis Science Log 2010-07  
Please log Net in/out, Rosette in/out, XCTD in

| Date    | Time (Z) | Event Type     | Lat (dd mm.mm N) | Long (ddd mm.mm W) | Depth (Knudsen) | Comments          |
|---------|----------|----------------|------------------|--------------------|-----------------|-------------------|
| SEPT 23 | 0749     | BONGO IN WATER | 73° 29.24'N      | 134° 10.30'W       | 2874m           |                   |
| SEPT 23 | 0757     | BONGO OUT      | 73° 29.24'N      | 134° 10.33'W       | 2873m           |                   |
| SEPT 23 | 0822     | CTD OUT        | 73° 29.29'N      | 134° 10.39'W       | 2877m           |                   |
| SEPT 23 | 0909     | CTD IN WATER   | 73° 28.95'N      | 134° 12.44'W       | 2878m           |                   |
| SEPT 23 | 0918     | ADCP IN        | 73° 28.96'N      | 134° 12.58'W       | 2878m           |                   |
| Sept 23 | 1107     | CTD OUT        | 73° 29.1'N       | 134° 13.22'W       | 2870m           |                   |
| "       | 1456     | XCTD IN        | 73° 22.5'N       | 132° 33.7'W        | 2652m           |                   |
| "       | 1503     | XCTD OUT       | 73° 22.5'N       | 132° 33.2'W        | 2651m           |                   |
| 1'      | 1842     | CTD IN         | 73° 30.6'N       | 130° 56.98'W       | 2512m           |                   |
| "       | 1850     | ADCP IN        | 73° 30.60'N      | 130° 56.89'W       | 2512m           |                   |
| "       | 1908     | BONGO IN       | 73° 30.60'N      | 130° 57.10'W       | 2512m           |                   |
| "       | 1917     | BONGO OUT      | 73° 30.61'N      | 130° 57.11'W       | 2512m           |                   |
| "       | 1926     | BONGO IN       | 73° 30.59'N      | 130° 57.10'W       | 2511m           |                   |
| "       |          | BONGO OUT      |                  |                    |                 |                   |
| "       | 2015     | ADCP OUT       | 73° 30.68'N      | 130° 57.01'W       | 2512m           | Bridge Not Netted |
| SEPT 23 | 2030     | CTD OUT        | 73° 30.68'N      | 130° 57.04'W       | 2512m           |                   |
| SEPT 23 | 2237     | XCTD Away      | 73° 07.65'N      | 130° 43.26'W       | 2200m           |                   |
| SEPT 23 | 2242     | XCTD COMP      | 73° 06.47'N      | 130° 44.98'W       | 2182m           |                   |
| Sept 24 | 0010     | XCTD Deployed  | 72° 46.91'N      | 131° 19.72'W       | 1933m           |                   |
| "       | 0014     | XCTD Completed | 72° 46.10'N      | 131° 21.87'W       | 1932m           |                   |
| Sept 24 | 0320     | XCTD Deployed  | 72° 02.1'N       | 132° 22.2'W        | 1438m           |                   |
| Sept 24 | 0324     | XCTD Complete  | 72° 00.7'N       | 132° 24.2'W        | 1443m           |                   |

Louis Science Log 2010-07  
Please log Net in/out, Rosette in/out, XCTD in

| Date      | Time (Z) | Event Type        | Lat (dd mm.mm N) | Long (ddd mm.mm W) | Depth (Knudsen)       | Comments |
|-----------|----------|-------------------|------------------|--------------------|-----------------------|----------|
| Sep 26    | 0952Z    | XCTD START        | 71° 30.59'N      | 137° 00.97'W       | NA                    |          |
| Sep 26    | 0957Z    | XCTD Complete     | 71° 31.14'N      | 137° 04.17'W       | NA                    |          |
| 26 Sep 10 | 1201     | XCTD Deployed     | 71° 44.95'N      | 138° 30.60'W       | 2409m                 |          |
| "         | 1205     | XCTD Complete     | 71° 45.31'N      | 138° 32.31'W       | 2422m                 |          |
| "         | 1325     | XCTD Deployed     | 71° 51.8'N       | 138° 56.3'W        | 2585m                 |          |
| "         | 1330     | XCTD complete     | 71° 51.8'N       | 138° 56.9'W        | <del>2585</del> 2596m |          |
| "         | 1445     | XCTD Deployed     | 71° 52.2'N       | 139° 22.6'W        | 2604m                 |          |
| "         | 1448     | XCTD Completed    | 71° 52.2'N       | 139° 22.6'W        | 2604m                 |          |
| "         | 1617     | XCTD Deployed     | 71° 49.8'N       | 140° 03.64'W       | 2664m                 |          |
| "         | 1626     | XCTD Completed    | 71° 49.89'N      | 140° 05.34'W       | 2666m                 |          |
| "         | 1953Z    | XCTD Deployed     | 72° 09.17'N      | 141° 38.85'W       | 2996                  |          |
| "         | 1958Z    | XCTD Complete     | 72° 16.26'N      | 141° 39.81'W       | 2993                  |          |
| "         | 2308     | XCTD Deployed     | 72° 32.5'N       | 143° 02.1'W        | 3322                  |          |
| "         | 2314     | XCTD Completed    | 72° 37.5'N       | 143° 02.11'W       | 3322                  |          |
| 27 Sep    | 0158     | CTD in            | 72° 40.68'N      | 144° 39.61'W       | 3452m                 |          |
| 27 Sep    | 0252     | CTD out           | 72° 40.68'N      | 144° 39.11'W       | 3451m                 |          |
| 27 Sep    | 0300     | <del>CTD</del> in | 72° 40.67'N      | 144° 39.00'W       | 3450m                 |          |
| "         | 0314     | Net out           | 72° 40.65'N      | 144° 39.3'W        | 3449m                 |          |
| "         | 0316     | Net in            | 72° 40.63'N      | 144° 39.31'W       | 3449m                 |          |
| "         | 0325     | Net out           | 72° 40.64'N      | 144° 38.95'W       | -                     |          |
| "         | 349      | CTD in            | 72° 46.63'N      | 144° 38.96'W       | 3450m                 |          |
| 27/09     | 354      | ADCP in           | 72° 40.60'N      | 144° 39.0'W        | 3450                  |          |

ADCP out 72° 40.6'N

Louis Science Log 2010-07  
Please log Net in/out, Rosette in/out, XCTD in

| Date    | Time (Z) | Event Type    | Lat (dd mm.mm N) | Long (ddd mm.mm W) | Depth (Knudsen) | Comments |
|---------|----------|---------------|------------------|--------------------|-----------------|----------|
| 27/09   | 0603     | CTD IN        | 72° 40.87' N     | 144° 38.70' W      | 3452m           |          |
| 27/09   | 0550     | ADCP IN       | 72° 40.78' N     | 144° 38.58' W      | 3452m           |          |
| 27/09   | 0817     | XCTD Deployed | 72° 37.48' N     | 146° 22.85' W      | N/A             |          |
| 27/09   | 0822     | XCTD Complete | 72° 37.33' N     | 146° 26.61' W      | N/A             |          |
| 27/09   | 10312    | XCTD Deployed | 72° 33.21' N     | 148° 07.94' W      | N/A             |          |
| 27/09   | 10362    | XCTD Complete | 72° 33.62' N     | 148° 11.09' W      | N/A             |          |
| 27 Sept | 1317     | CTD IN        | 72° 30.51' N     | 149° 59.21' W      | 3710m           |          |
| 27 Sept | 1335     | ADCP IN       | 72° 30.51' N     | 149° 59.21' W      | 3710m           |          |
| 27 Sept | 1444     | ADCP OUT      | 72° 30.50' N     | 149° 59.05' W      | 3710m           |          |
| 27 Sept | 1540     | CTD OUT       | 72° 30.45' N     | 149° 59.39' W      | 3718m           |          |
| 27 Sept | 1602     | Net IN        | 72° 30.88' N     | 149° 59.57' W      | 3714m           |          |
| 27 Sept | 1615     | Net OUT       | 72° 30.90' N     | 149° 59.71' W      | 3715m           |          |
| 27 Sept | 1841     | CTD IN        | 72° 59.54' N     | 149° 59.68' W      | 3744m           |          |
| 27 Sept | 1848     | ADCP IN       | 72° 59.61' N     | 149° 59.58' W      | 3744m           |          |
| 27 Sept | 2054     | ADCP OUT      | 72° 59.20' N     | 150° 00.02' W      | 3744m           |          |
| 27 Sept | 2110     | CTD OUT       | 72° 59.09' N     | 150° 00.12' W      | 3734m           |          |
| 27 Sept | 2119     | ROAQU IN      | 72° 59.06' N     | 148° 59.75' W      | 3736m           |          |
| 27 Sept | 2128     | ROAQU OUT     | 72° 59.04' N     | 149° 59.44' W      | 3737m           |          |
| 27 Sept | 2202     | XCTD Deployed | 73° 02.07' N     | 149° 59.50' W      | 3736m           |          |
| 27 Sept | 2213     | XCTD Complete | 73° 02.06' N     | 149° 58.72' W      | 3746m           |          |
| 27 Sept | 2237     | XCTD Deployed | 73° 05.74' N     | 150° 00.13' W      | 3742m           |          |
| 27 Sept | 2341     | XCTD Complete | 73° 06.80' N     | 149° 59.89' W      | 3747m           |          |

Louis Science Log 2010-07  
Please log Net in/out, Rosette in/out, XCTD in

| Date    | Time (Z) | Event Type              | Lat (dd mm.mm N) | Long (ddd mm.mm W) | Depth (Knudsen) | Comments |
|---------|----------|-------------------------|------------------|--------------------|-----------------|----------|
| Sept 28 | 0018     | Nett Start              | 23° 29.81'N      | 149° 59.67'W       | 3796 m          |          |
| Sept 29 | 0022     | XCTD Completed          | 73° 36.76'N      | 149° 59.67'W       | 3798 m          |          |
| Sept 28 | 0234     | Nett in                 | 73° 59.65'N      | 150° 20.34'W       | 3811 m          |          |
| "       | 0245     | Nett out                | 73° 59.71'N      | 150° 00.21'W       | 3810 m          |          |
| "       | 0254     | Nett in                 | 73° 59.79'N      | 150° 00.15'W       | 3809 m          |          |
| "       | 0303     | Nett out                | 73° 59.83'N      | 150° 00.00'W       | 3809 m          |          |
| "       | 0313     | CTD in                  | 73° 59.89'N      | 150° 149° 59.54'W  | 3809            |          |
| "       | 0323     | ADCP in                 | 73° 59.96'N      | 149° 59.03'W       | 3810 m          |          |
| "       | 0535     | <del>CTD</del> ADCP out | 73° 59.82'N      | 149° 57.49'W       | 3809 m          |          |
| Sept 28 | 0546     | CTD ABBOARD             | 73° 59.84'N      | 149° 57.23'W       | 3809 m          |          |
| Sept 28 | 0809     | XCTD Deployed           | 74° 32.85'N      | 149° 59.38'W       | 3807 m          |          |
| Sept 28 | 0814     | XCTD Completed          | 74° 34.44'N      | 149° 53.27'W       | 3808 m          |          |
| Sept 28 | 1112     | Nett in                 | 74° 58.87'N      | 150° 00.96'W       | 3827 m          |          |
| "       | 1120     | Nett out                | 74° 58.91'N      | 150° 01.16'W       | 3826 m          |          |
| "       | 1136     | Nett in                 | 74° 58.99'N      | 150° 01.51'W       | 3827 m          |          |
| "       | 1138     | CTD in                  | 74° 59.05'N      | 150° 01.78'W       | 3827 m          |          |
| "       | 1200     | Nett out                | 74° 59.20'N      | 150° 02.13'W       | 3824 m          |          |
| "       | 1201     | Nett in                 | 74° 59.27'N      | 150° 02.25'W       | 3828 m          |          |
| "       | 1218     | Nett out                | 74° 59.32'N      | 150° 02.35'W       | 3828 m          |          |
| "       | 1222     | ADCP in                 | 74° 59.34'N      | 150° 02.37'W       | 3828 m          |          |
| "       | 1253     | CTD out                 | 74° 59.55'N      | 150° 02.44'W       | 3825 m          |          |
| "       | 1300     | ADCP out                | 74° 59.62'N      | 150° 02.46'W       | 3825 m          |          |

Louis Science Log 2010-07  
Please log Net in/out, Rosette in/out, XCTD in

| Date    | Time (Z) | Event Type      | Lat (ddd mm.mm N) | Long (ddd mm.mm W) | Depth (Knudsen) | Comments |
|---------|----------|-----------------|-------------------|--------------------|-----------------|----------|
| Sept 28 | 2026     | CTD IN          | 75° 00.24'N       | 150° 06.24'W       | 3826m           |          |
| Sept 28 | 2036     | ADCP IN         | 75° 00.38'N       | 150° 06.48'W       | 3826m           |          |
| Sept 28 | 2251     | ADCP OUT        | 75° 00.67'N       | 150° 09.13'W       | 3827m           |          |
| Sept 28 | 2301     | CTD OUT         | 75° 00.69'N       | 150° 09.23'W       | 3825m           |          |
| Sept 29 | 0102     | XCTD Deployed   | 75° 09.44'N       | 151° 40.39'W       | 3838m           |          |
| "       | 0112     | XCTD Completed  | 75° 09.44'N       | 151° 40.73'W       | 3838m           |          |
| Sept 29 | 0321     | CTD IN          | 75° 18.13'N       | 153° 17.4'W        | 3844m           |          |
|         | 0328     | ADCP IN         | 75° 18.12'N       | 153° 17.52'W       | 3844m           |          |
|         | 0842     | Net 1st Net out | 75° 18.11'N       | 153° 17.04'W       | 3841m           |          |
|         | 0347     | Net IN          | 75° 18.16'N       | 153° 17.55'W       | 3840m           |          |
|         | 0353     | Net OUT         | 75° 18.09'N       | 153° 17.77'W       | 3845m           |          |
|         | 0539     | ADCP OUT        | 75° 17.8'N        | 153° 19.1'W        | 3845m           |          |
| Sept 29 | 0547     | CTD OUT         | 75° 17.80'N       | 153° 19.21'W       | 3844m           |          |
| Sept 29 | 0813     | XCTD Deployed   | 75° 28.64'N       | 155° 10.30'W       | 3846m           |          |
| Sept 29 | 0825     | XCTD Complete   | 75° 28.60'N       | 155° 10.32'W       | 3846m           |          |
| Sept 30 | 0100     | EM Deployed     | 75° 21.61'N       | 149° 56.22'W       | 3828m           |          |
| "       | 0221     | XCTD Deployed   | 75° 30.4'N        | 149° 52.26'W       | 3831m           |          |
| "       | 0224     | XCTD Completed  | 75° 30.23'N       | 149° 52.30'W       | 3826m           |          |
| "       | 0532     | CTD IN          | 75° 59.17'N       | 150° 00.81'W       | 3829m           |          |
| "       | 0542     | ADCP IN         | 75° 59.13'N       | 150° 00.56'W       | 3829m           |          |
| "       | 0550     | Net IN          | 75° 59.13'N       | 150° 00.55'W       | 3829m           |          |
| Sept 30 | 0557     | Net OUT         | 75° 59.13'N       | 150° 00.41'W       | 3829m           |          |

Louis Science Log 2010-07  
Please log Net in/out, Rosette in/out, XCTD in

| Date                                  | Time (Z) | Event Type     | Lat (dd mm.mm N) | Long (ddd mm.mm W) | Depth (Knudsen)     | Comments |
|---------------------------------------|----------|----------------|------------------|--------------------|---------------------|----------|
| Sept 30<br><del>Sept 30</del><br>0910 | 0602     | Net IN         | 75° 59.13'N      | 150° 00.37'W       | <del>28</del> 3829m |          |
| Sept 30<br><del>0929</del>            | 0610     | Net OUT        | 75° 59.12'N      | 150° 00.29'W       | 3829m               |          |
| Sept 30                               | 0755     | ADCP OUT       | 75° 58.72'N      | 149° 58.45'W       | 3827m               |          |
| Sept 30                               | 0803     | CTD OUT        | 75° 58.67'N      | 149° 58.27'W       | 3827m               |          |
| Sept 30                               | 1123     | XCTD Deployed  | 76° 30.14'N      | 149° 59.90'W       | 3827m               |          |
| "                                     | 1130     | XCTD Completed | 76° 30.14'N      | 149° 59.72'W       | 3829m               |          |
| "                                     | 1505     | CTD IN         | 76° 59.31'N      | 149° 57.49'W       | 3824m               |          |
| "                                     | 1534     | ADCP IN        | ~                | ~                  | ~                   |          |
| Sept 30                               | 1546     | Net IN         | 76° 59.45'N      | 149° 56.8'W        | 3823m               |          |
| Sept 30                               | 1555     | Net OUT        | 76° 59.45'N      | 149° 56.83'W       | 3823m               |          |
| Sept 30                               | 1601     | Net IN         | 76° 59.45'N      | 149° 56.83'W       | 3823m               |          |
| "                                     | 1609     | Net OUT        | 76° 59.45'N      | 149° 56.83'W       | 3823m               |          |
|                                       | 1636     | ADCP OUT       | 76° 59.45'N      | 149° 56.83'W       | 3823m               |          |
|                                       | 1739     | CTD OUT        | 76° 59.72'N      | 149° 57.01'W       | 3823m               |          |
| Sept 30                               | 2015     | XCTD Deployed  | 77° 26.16'N      | 150° 55.58'W       | 3828m               |          |
| Sept 30                               | 2021     | XCTD Completed | 77° 26.16'N      | 150° 55.44'W       | 3828m               |          |
| Sept 30                               | 2335     | XCTD Deployed  | 77° 52.63'N      | 151° 58.88'W       | 3835m               |          |
| "                                     | 2334     | XCTD Completed | 77° 52.61'N      | 151° 58.41'W       | 3827m               |          |
| Sept 30                               | 0330     | CTD IN         | 78° 17.25'N      | 153° 05.31'W       | 2836m               |          |
| Oct 01/0                              | 0342     | ADCP IN        | 78° 17.19'N      | 153° 05.33'W       | 2836m               |          |
| Oct 01/0                              | 0429     | CTD OUT        | 78° 17.22'N      | 153° 06.57'W       | 2922m               |          |
| Oct 01/0                              | 0502     | CTD IN         | 78° 17.22'N      | 153° 06.56'W       | 2959m               |          |

Louis Science Log 2010-07  
Please log Net in/out, Rosette in/out, XCTD in

| Date                | Time (Z) | Event Type        | Lat (dd mm.mm N) | Long (ddd mm.mm W) | Depth (Knudsen) | Comments |
|---------------------|----------|-------------------|------------------|--------------------|-----------------|----------|
| 01-10-10            | 0513     | Net IN            | 78° 77.22'       | 153° 06.56'        | 2968m           |          |
| 01/10/10            | 0518     | Net Out           | 78° 16.81'N      | 153° 04.21'W       | 2               |          |
| Oct 1 <sup>st</sup> | 0641     | ADCP Out          | 78° 16.63'N      | 153° 03.68'W       | 3069m           |          |
| Oct 1 <sup>st</sup> | 0708     | CTD Out           | 78° 16.62'N      | 153° 03.50'W       | 3183m           |          |
| Oct 1 <sup>st</sup> | 1005     | XCTD IN           | 78° 08.77'N      | 151° 32.24'W       | —               |          |
| Oct 1 <sup>st</sup> | 1015     | XCTD Complete     | 78° 08.75'N      | 151° 31.94'W       | —               |          |
| Oct 1 <sup>st</sup> | 2355     | XCTD IN           | 78° 18.20'N      | 150° 59.93'W       | 3831            |          |
| Oct 2 <sup>nd</sup> | 0002     | XCTD Complete     | 78° 18.11'N      | 150° 59.88'W       | 3831            |          |
| Oct 2 <sup>nd</sup> | 0226     | XCTD Deployed     | 78° 32.3'N       | 151° 53.5'W        | 3830            |          |
| Oct 3 <sup>rd</sup> | 0232     | XCTD Complete     | 78° 32.2'N       | 151° 55.5'W        | 3830            |          |
| Oct 2 <sup>nd</sup> | 0807     | XCTD IN           | 78° 57.47'N      | 154° 13.41'W       | 3674            |          |
| Oct 2 <sup>nd</sup> | 0813     | XCTD Out          | 78° 57.45'N      | 154° 13.36'W       | 3666            |          |
| Oct 2 <sup>nd</sup> | 1842     | CTD IN            | 79° 10.04'N      | 155° 18.21'W       | 3818            |          |
| "                   | 1304     | ADCP IN           | 79° 10.01'N      | 155° 17.69'W       | 3818            |          |
| "                   | 1353     | ADCP Out          | 79° 09.84'N      | 155° 16.64'W       | 3793            |          |
| Oct 2 <sup>nd</sup> | 1456     | CTD Out           | 79° 09.66'N      | 155° 15.77'W       | 3819            |          |
| Oct 2               | 1627     | CTD IN            | 79° 09.33'N      | 155° 14.60'W       | 3812m           |          |
| Oct 2               | 1700     | CTD Out           | 79° 09.20'N      | 155° 14.30'W       | 3816m           |          |
| Oct 3               | 0415     | XCTD #29 IN       | 79° 05.06'N      | 153° 51.50'W       | 3580m           |          |
| Oct 3               | 0421     | XCTD #29 Complete | 79° 05.04'N      | 153° 51.51'W       | 3580m           |          |
| Oct 3               | 0646     | XCTD #30 IN       | 79° 02.28'N      | 151° 56.49'W       | 3826m           |          |
| Oct 3               | 0652     | XCTD #30 Out      | 79° 02.2         | 151° 56.50'W       | 3826m           |          |

# Louis Science Log 2010-07

Please log Net in/out, Rosette in/out, XCTD in

| Date                | Time (Z) | Event Type     | Lat (dd mm.mm N) | Long (ddd mm.mm W) | Depth (Knudsen) | Comments |
|---------------------|----------|----------------|------------------|--------------------|-----------------|----------|
| Oct 3               | 1000     | CTD In water   | 78° 59.72' N     | 150° 02.45' W      | 3825 m          |          |
| Oct 3               | 1050 Z   | ADCP In water  | 78° 59.59' N     | 150° 02.45' W      | 3826 m          |          |
| Oct 3 <sup>20</sup> | 1144     | ADCP out       | 78° 59.41' N     | 150° 02.48' W      | 3826 m          |          |
| Oct 3 <sup>20</sup> | 1247     | CTD out        | 78° 59.21' N     | 150° 03.52' W      | 3826 m          |          |
| Oct 3/10            | 1543     | XCTD #31 IN    | 78° 39.40' N     | 150° 54.68' W      | 3829 m          |          |
| Oct 3/10            | 1549     | XCTD #31 out   | 78° 39.40' N     | 150° 54.64' W      | 3829 m          |          |
| Oct 4/10            | 0312     | CTD IN         | 78° 58.76' N     | 150° 04.96' W      | 3825 m          | B-GOSB   |
| Oct 4/10            | 0320     | ADCP IN        | 77° 58.76' N     | 150° 04.95' W      | 3825 m          | B-GOSB   |
| Oct 4/10            | 0406     | CTD out        | 77° 58.75' N     | 150° 04.97' W      | 3825 m          | it       |
| Oct 4/10            | 0438     | CTD IN         | 77° 58.76' N     | 150° 03.34' W      | 3825 m          | it       |
| "                   | 0517     | Net IN         | 77° 58.80' N     | 150° 04.60' W      | 3825 m          | "        |
| "                   | 0522     | Net out        | 77° 58.80' N     | 150° 04.60' W      | 3825            | "        |
| "                   |          | Net IN         | 77° 58.80' N     | 150° 04.60' W      | 3825            | "        |
| "                   | 0608     | Net out        | 77° 58.88' N     | 150° 04.31' W      | 3825            | "        |
| "                   | 0626     | Net IN         | 77° 58.87' N     | 150° 04.18' W      | 3825            | "        |
| Oct 4/10            | 0630     | Net out        | 77° 58.85' N     | 150° 04.06' W      | 3825            | "        |
| Oct 4/10            | 0632     |                |                  |                    |                 |          |
| Oct 4/10            | 0706     | ADCP out       | 77° 58.96' N     | 150° 03.74' W      | 3825            |          |
| Oct 4/10            | 0712     | CTD out        | 77° 58.82' N     | 150° 03.89' W      | 3824            |          |
| Oct 4/10            | 1002     | XCTD Deployed  | 77° 52.52' N     | 148° 16.53' W      | 3820            |          |
| Oct 4/10            | 1009     | XCTD completed | 77° 52.52' N     | 148° 16.47' W      | 3819 m          |          |

Louis Science Log 2010-07  
Please log Net in/out, Rosette in/out, XCTD in

| Date      | Time (Z) | Event Type       | Lat (dd mm.mm N) | Long (ddd mm.mm W) | Depth (Knudsen) | Comments                    |
|-----------|----------|------------------|------------------|--------------------|-----------------|-----------------------------|
| 04 Oct 10 | 1143     | CTD in           | 77° 41, 53' N    | 146° 42, 34' W     | 3809            | CB-12 (1000m)               |
| "         | 1341     | CTD out          | 77° 41, 24' N    | 146° 41, 43' W     | 3809            | CB-12 (1000m)               |
| "         | 1417     | CTD in           | 77° 41, 20' N    | 146° 42, 39' W     | 3809            | CB-12 (Depth) (Abundant)    |
|           | 1435     | CTD out          | 77° 41, 22' N    | 146° 42, 41' W     | 3809            | CB-12 (Depth) abundant      |
|           | 1434     | Net in           | 77° 41, 23' N    | 146° 42, 41' W     | 3809            | CB-12                       |
| "         | 1442     | Net out          | 77° 41, 21' N    | 146° 42, 10' W     | 3809            | CB-12                       |
| "         | 1444     | CTD in           | 77° 41, 18' N    | 146° 42, 15' W     | 3809            | CB-12 (Depth)               |
| 04 Oct 4  | 1449     | Net in           | 77° 41, 18' N    | 146° 42, 15' W     | 3809            | CB-12                       |
| "         | 1501     | Net out          | 77° 41, 16' N    | 146° 42, 13' W     | 3809m           | "                           |
| 04 Oct 4  | 1520     | ADCP in          | 77° 41, 20' N    | 146° 42, 39' W     | 3809m           | CB-12                       |
| 04 Oct 4  | 1641     | ADCP out         | 77° 41, 15' N    | 146° 41, 86' W     | 3809m           | "                           |
| "         | 1714     | CTD out          | 77° 41, 19' N    | 146° 42, 39' W     | 3809m           | "                           |
| 04 Oct 4  | 2324     | CTD in           | 77° 39, 99' N    | 146° 15, 64' W     | 3806m           |                             |
| 04 Oct 5  | 0008     | CTD out          | 77° 39, 95' N    | 146° 15, 15' W     | 3806m           | CB-12                       |
| 04 Oct 5  | 0430     | XCTD #33 in      | 77° 48, 36' N    | 144° 24, 78' W     | 3798m           | XCTD #33                    |
| 04 Oct 5  | 0438     | XCTD #33 out     | 77° 48, 36' N    | 144° 24, 78' W     | 3798            | XCTD #33                    |
| 04 Oct 5  | 0938     | XCTD 34 in       | 77° 54, 64' N    | 142° 10, 32' W     | 3781            | XCTD #34                    |
| 04 Oct 5  | 0945     | XCTD 34 failed   |                  |                    |                 | XCTD 34 failed Trying again |
| 04 Oct 5  | 0947     | XCTD 34 in       | 77° 54, 66' N    | 142° 10, 19' W     | 3781            |                             |
| 04 Oct 5  | 0952     | XCTD 34 complete | 77° 54, 66' N    | 142° 10, 10' W     | 3781            |                             |
| 04 Oct 5  | 1409     | CTD in           | 77° 58, 80' N    | 140° 00, 60' W     | 3753            | CB-16                       |
| "         | 1457     | Net in           | 77° 58, 70' N    | 139° 59, 85' W     | 3752m           | CB-16                       |

Louis Science Log 2010-07  
Please log Net in/out, Rosette in/out, XCTD in

| Date      | Time (Z) | Event Type     | Lat (dd mm.mm N) | Long (ddd mm.mm W) | Depth (Knudsen) | Comments            |
|-----------|----------|----------------|------------------|--------------------|-----------------|---------------------|
| 05 Oct 10 | 1503     | Net out        | 77° 58.64' N     | 139° 59.61' W      | 3752 m          | CB-16               |
| "         | 1515     | Net in         | 77° 58.63' N     | 139° 59.44' W      | 3752 m          | "                   |
| "         | 1517     | ADCP in        | 77° 58.63' N     | 139° 59.40' W      | 3752 m          | "                   |
| "         | 1547     | Net out        | 77° 58.60' N     | 135° 58.88' W      | 3751 m          | "                   |
| "         | 1554     | Net in         | 77° 58.59' N     | 139° 58.80' W      | 3751 m          | "                   |
| "         | 1602     | Net out        | 77° 58.57' N     | 139° 58.63' W      | 3751 m          | "                   |
| "         | 1630     | ADCP out       |                  |                    | 3751 m          | "                   |
| "         | 1641     | CTD out        | 77° 58.45' N     | 139° 57.51' W      | 3751 m          | "                   |
| "         | 1959     | CTD Deployed   | 77° 34.98' N     | 140° 43.91' W      | 3750 m          |                     |
| "         | 2006     | CTD Sampled    | 77° 34.97' N     | 140° 43.79' W      | 3748 m          |                     |
| 06 Oct 10 | 0143G    | CTD in         | 77° 19.04' N     | 143° 11.08' W      | 3781 m          | CB-13 (1000m cast)  |
| "         | 0145Z    | Net in         | 77° 19.02' N     | 143° 10.85' W      | 3780 m          | CB-13 (First cast)  |
| "         | 0240     | Net out        | 77° 19.01' N     | 143° 10.74' W      | 3780 m          | CB-13 (1st cast)    |
| "         | 0201     | ADCP in        | 77° 19.01' N     | 143° 10.43' W      | 3780 m          | CB-13               |
| "         | 0207     | Net in         | 77° 18.99' N     | 143° 10.00' W      | 3781 m          | CB-13 (Second cast) |
| 06/10/10  | 0214     | Net out        | 77° 18.98' N     | 143° 10.56' W      | 3781 m          | CB-13 (Second cast) |
| "         | 0235     | CTD out        | 77° 18.94' N     | 143° 10.20' W      | 3780 m          | CB-13 (First cast)  |
| "         | 0306     | CTD in         | 77° 18.86' N     | 143° 09.69' W      | 3780 m          | CB-13 (Cast #2)     |
| "         | 0531     | ADCP out       | 77° 18.54' N     | 143° 07.28' W      | 3779 m          | CB-13               |
| 06/10/10  | 0541     | CTD in         | 77° 18.54' N     | 143° 07.11' W      | 3779 m          |                     |
| 06/10/10  | 0849     | XCTD Deployed  | 77° 09.53' N     | 141° 31.37' W      | 3751 m          |                     |
| 06/10/10  | 0855     | XCTD Completed | 77° 09.52' N     | 141° 31.18' W      | 3751 m          |                     |

Louis Science Log 2010-07  
Please log Net in/out, Rosette in/out, XCTD in

| Date      | Time (Z) | Event Type | Lat (dd mm.mm N) | Long (ddd mm.mm W) | Depth (Knudsen) | Comments              |
|-----------|----------|------------|------------------|--------------------|-----------------|-----------------------|
| 06 Oct 10 | 1212     | CTD IN     | 77° 00.04' N     | 140° 00.65' W      | 3731 m          | CB-15 (1st cast) 500m |
| "         | 1220     | ADCP IN    | 77° 00.03' N     | 140° 00.18' W      | 3730 m          | CB-15                 |
| "         | 1233     | Net IN     | 77° 00.05' N     | 140° 00.26' W      | 3730 m          | CB-15 (1st Net) 100m  |
| "         | 1243     | Net OUT    | 77° 00.04' N     | 140° 00.07' W      | 3731 m          | CB-15 (1st Net) 100m  |
| "         | 1259     | Net IN     | 77° 00.01' N     | 140° 00.57' W      | 3730 m          | CB-15 (2nd) 500m      |
| "         | 1300     | CTD OUT    | 77° 00.01' N     | 140° 00.57' W      | 3730 m          | CB-15 (1st) 500m      |
| "         | 1326     | Net OUT    | 76° 59.96' N     | 139° 58.79' W      | 3730 m          | CB-15 (2nd) 500m      |
| "         | 1338     | Net IN     | 76° 59.94' N     | 139° 58.43' W      | 3727 m          | CB-15 (3rd) 100m      |
| "         | 1348     | Net OUT    | 76° 59.73' N     | 139° 58.16' W      | 3726 m          | CB-15 (3rd) 100m      |
| "         | 1403     | Net IN     | 76° 59.41' N     | 139° 57.69' W      | 3727 m          | CB-15 (4th) 100m      |
| "         | 1406     | CTD IN     | 76° 59.60' N     | 139° 57.62' W      | 3727 m          | CB-15 (2nd) 100m      |
| "         | 1453     | CTD OUT    | 76° 59.84' N     | 139° 56.19' W      | 3727 m          | CB-15 (2nd) 100m      |
| "         | 1459     | ADCP OUT   | 76° 59.83' N     | 139° 56.02' W      | 3728 m          | CB-15                 |
| "         | 1459     | Net OUT    | 76° 59.83' N     | 139° 56.02' W      | 3728 m          | CB-15                 |
| 06/10/10  | 19:01    | CTD IN     | 76° 59.58' N     | 139° 43.36' W      | 3722 m          | CB-15                 |
| 06/10/10  | 2148     | CTD OUT    | 76° 59.15' N     | 139° 38.61' W      | 3723 m          | CB-17                 |
| 07/10/10  | 0712     | CTD IN     | 76° 01.24' N     | 139° 57.26' W      | 3695 m          | "                     |
| 07/10/10  | 0720     | ADCP IN    | 76° 01.22' N     | 139° 57.18' W      | 3697 m          | "                     |
| 07/10/10  | 0741     | ADCP IN    | 76° 01.15' N     | 139° 56.72' W      | 3695 m          | "                     |
| 07/10/10  | 0748     | ADCP OUT   | 76° 01.12' N     | 139° 57.62' W      | 3695 m          | "                     |
| 07/10/10  | 0759     | ADCP IN    | 76° 01.08' N     | 139° 56.45' W      | 3696 m          | "                     |
| 07/10/10  | 0805     | ADCP OUT   | 76° 01.06' N     | 139° 56.37' W      | 3694 m          | "                     |

Louis Science Log 2010-07  
Please log Net in/out, Rosette in/out, XCTD in

| Date     | Time (Z)        | Event Type | Lat (dd mm.mm N) | Long (ddd mm.mm W) | Depth (Knudsen) | Comments                     |
|----------|-----------------|------------|------------------|--------------------|-----------------|------------------------------|
| 07/10/10 | 0904            | ADP out    | 76° 00.91' N     | 139° 55.47' W      | 3694            | CB-17                        |
| 07/10/10 | 0936            | CTD out    | 76° 00.82' N     | 139° 54.99' W      | 3674            | CB-17                        |
| 07/10/10 | 1505            | XCTD in    | 76° 20.67' N     | 139° 54.55' W      | 3588m           | #39                          |
| 07/10/10 | 1511            | XCTD out   | 76° 20.64' N     | 139° 54.55' W      | 3588m           | #39                          |
| 07/10/10 | 2222            | CTD in     | 76° 43.18' N     | 135° 10.78' W      | 3568m           | PP-7 (1000m)                 |
| 07/10/10 | 2227            | ADCP in    | 76° 43.15' N     | 135° 10.83' W      | 3567m           | PP-7                         |
| 07/10/10 | 2240            | ADCP out   | 76° 43.10' N     | 135° 10.72' W      | 3567m           |                              |
| 07/10/10 | 2340            | CTD out    | 76° 43.03' N     | 135° 11.01' W      | 3568m           | <del>PP-7</del> PP-7 (1000m) |
| 08/10/10 | 0002            | Net in     | 76° 43.00' N     | 135° 11.01' W      | 3567m           | PP-7 (full depth)            |
| "        | 0013            | Net out    | 76° 43.00' N     | 135° 11.01' W      | 3567m           | "                            |
| "        | <del>0020</del> | Net in     | 76° 42.98' N     | 135° 11.01' W      | 3567m           | "                            |
| "        | 0027            | Net out    | 76° 42.96' N     | 135° 11.01' W      | 3567m           | "                            |
| "        | 0050            | CTD in     | 76° 42.92' N     | 135° 10.98' W      | 3567m           | "                            |
| "        | <del>0202</del> | Net in     | 76° 42.92' N     | 135° 10.94' W      | 3567m           | "                            |
| "        | 0217            | Net out    | 76° 42.96' N     | 135° 10.91' W      | 3567m           | "                            |
| "        | 0150            | ADCP in    | 76° 42.92' N     | 135° 10.94' W      | 3567m           | "                            |
| "        | 0325            | ADCP out   | 76° 42.91' N     | 135° 10.90' W      | 3567m           | "                            |
| "        | 0331            | CTD out    | 76° 42.53' N     | 135° 10.57' W      | 3567m           | "                            |
| 08/10/10 | 0448            | XCTD in    | 76° 24.66' N     | 133° 52.42' W      | 3368m           | XCTD #40                     |
| 08/10/10 | 0656            | XCTD out   | 76° 24.63' N     | 133° 52.58' W      | 3368m           | XCTD #40                     |
| 08/10/10 | 0952            | CTD in     | 76° 15.71' N     | 132° 31.52' W      | 3060m           | PP6                          |
| 08/10/10 | 1108            | CTD out    | 76° 15.91' N     | 132° 31.54' W      | 3065m           | PP-6                         |

Louis Science Log 2010-07  
Please log Net in/out, Rosette in/out, XCTD in

| Date      | Time (Z) | Event Type | Lat (dd mm.mm N) | Long (ddd mm.mm W) | Depth (Knudsen) | Comments |
|-----------|----------|------------|------------------|--------------------|-----------------|----------|
| 8 Oct 10  | 1125     | Net in     | 76° 16.03' N     | 132° 31.54' W      | 3065            | PP-6     |
| "         | 1134     | Net out    | 76° 16.03' N     | 132° 31.54' W      | 3065            | PP-6     |
| "         | 1144     | Net in     | 76° 16.06' N     | 132° 31.53' W      | 3065m           | PP-6     |
| "         | 1152     | Net out    | 76° 16.10' N     | 132° 31.53' W      | 3065m           | PP-6     |
| "         | 1205     | CTD in     | 76° 16.15' N     | 132° 31.54' W      | 3065m           | PP-6     |
| "         | 1226     | ADCP in    | 76° 16.23' N     | 132° 31.53' W      | 3065m           | PP-6     |
| "         | 1347     | ADCP out   | 76° 16.47' N     | 132° 31.49' W      | 3064m           | PP-6     |
| "         | 1406     | CTB out    | 76° 16.52' N     | 132° 31.47' W      | 3063m           | PP-6     |
| 08/10/10  | 1730     | XCTD in    | 75° 55.38' N     | 134° 06.96' W      | 3339m           | #41      |
| 08/10/10  | 1737     | XCTD out   | 75° 55.39' N     | 134° 06.97' W      | 3339m           | #41      |
| 08/10/10  | 2150     | CTD in     | 75° 51.41' N     | 134° 33.80' W      | 3418m           | CB-DW    |
| 09 Oct 10 | 0003     | CTB out    | 75° 51.51' N     | 134° 40.34' W      | 3418m           | CB-DW    |
| "         | 0047     | Net in     | 75° 51.34' N     | 134° 41.43' W      | 3422m           | CB-DW    |
| "         | 0055     | Net out    | 75° 51.34' N     | 134° 41.38' W      | 3422m           | CB-DW    |
| "         | 0106     | Net in     | 75° 51.35' N     | 134° 41.28' W      | 3422m           | CB-DW    |
| "         | 0112     | Net out    | 75° 51.35' N     | 134° 41.21' W      | 3422m           | CB-DW    |
| 09/10/10  | 0450     | XCTD in    | 75° 40.85' N     | 134° 07.07' W      | 3525m           | XCTD 42  |
| 09/10/10  | 0455     | XCTD out   | 75° 40.95' N     | 134° 07.05' W      | 3525m           | XCTD 42  |
| 09/10/10  | 0835     | XCTD in    | 75° 22.38' N     | 138° 07.86' W      | 3555m           | XCTD 43  |
| 09/10/10  | 0839     | XCTD out   | 75° 22.38' N     | 138° 07.91' W      | 3554m           | XCTD 43  |
| 09 Oct 10 | 1227     | CTB in     | 75° 00.22' N     | 140° 00.56' W      | 3630            | CB-182   |
| "         | 1323     | ADCP in    | 95° 00.24' N     | 140° 00.64' W      | 3630            | CB-182   |

Louis Science Log 2010-07  
Please log Net in/out, Rosette in/out, XCTD in

| Date     | Time (Z) | Event Type                        | Lat (dd mm.mm N)        | Long (ddd mm.mm W)       | Depth (Knudsen) | Comments          |
|----------|----------|-----------------------------------|-------------------------|--------------------------|-----------------|-------------------|
| 09/01/10 | 1251     | Net in                            | 75°00', 25'N            | 140°00', 53'W            | 3630            | CB-18             |
| "        | 1259     | Net out                           | 75°00', 27'N            | 140°00', 52'W            | 3630            | CB-18             |
| "        | 1307     | Net in                            | 75°00', 25'N            | 140°01', 03'W            | 3630            | CB-18             |
| "        | 1316     | Net out                           | 75°00', 26'N            | 140°01', 10'W            | 3630            | CB-18             |
| "        | 1339     | ADCP out                          | 75°00', 28'N            | 140°01', 29'W            | 3630            | CB-18             |
| "        | 1359     | CTD out                           | 75°00', 27'N            | 140°01', 41'W            | 3630            | CB-18             |
| "        | 1717     | XCTD #44 in                       | 74°29', 24'N            | 140°03', 14'W            | 3640m           | XCTD -44 (Failed) |
| "        | 1719     | <del>XCTD</del> <del>Failed</del> | <del>74°29', 24'N</del> | <del>140°03', 14'W</del> | 3639m           | XCTD -44 (Failed) |
| "        | 1732     | XCTD in                           | 74°29', 13'N            | 140°03', 55'W            | 3638m           | XCTD #44          |
| 09/10/10 | 1737     | XCTD out                          | 74°29', 13'N            | 140°03', 55'W            | 3638m           | XCTD #44          |
| 10/10/10 | 0636     | XCTD in                           | 74°00', 07', 99'N       | 141°37', 71'W            | 3635            | -XCTD #45         |
| 10/10/10 | 0640     | XCTD out                          | 74°00', 07', 99'N       | 141°37', 70'W            | 3635            | XCTD #45          |
| 10/10/10 | 0949     | CTD in water                      | 74°17', 56'N            | 143°15', 01'W            | 3697m           | CB-19             |
| 10/10/10 | 0958     | ADCP in water                     | 74°17', 50'N            | 143°14', 98'W            | 3698m           | CB-19             |
| 10/10/10 | 1020     | Net in water                      | 74°17', 39'N            | 143°14', 93'W            | 3697m           | CB-19             |
| 10/10/10 | 1031     | Net out water                     | 74°17', 30'N            | 143°14', 91'W            | 3697m           | CB-19             |
| 10/10/10 | 1043     | Net in water                      | 74°17', 22'N            | 143°14', 88'W            | 3696m           | CB-19             |
| 10/10/10 | 1051     | Net out water                     | 74°17', 13'N            | 143°14', 87'W            | 3696m           | CB-19             |
| 10/10/10 | 1147     | ADCP out                          | 74°16', 59'N            | 143°14', 66'W            | 3696m           | CB-19             |
| 10/10/10 | 1210     | CTD out                           | 74°16', 73'N            | 143°14', 65'W            | 3674m           | CB-19             |
| 10/10/10 | 1546     | XCTD in                           | 74°29', 64'N            | 144°05', 95'W            | 3738m           | XCTD #46          |
| 10/10/10 | 1552     | XCTD out                          | 74°29', 64'N            | 144°05', 95'W            | 3738m           | XCTD #46          |

Louis Science Log 2010-07  
Please log Net in/out, Rosette in/out, XCTD in

| Date     | Time (Z) | Event Type           | Lat (dd mm.mm N) | Long (ddd mm.mm W) | Depth (Knudsen) | Comments  |
|----------|----------|----------------------|------------------|--------------------|-----------------|-----------|
| 10/10/10 | 1925 Z   | CTD In water         | 74° 42.63' N     | 148° 37.29' W      | 3779 m          | STN CB-21 |
| 10/10/10 | 1938 Z   | ADCP In water        | 74° 42.59' N     | 146° 37.29' W      | 3778 m          | "         |
| 10/10/10 | 2004 Z   | Bongo's In water     | 74° 42.53' N     | 146° 37.19' W      | 3779 m          | "         |
| 10/10/10 | 2008 Z   | Bongo's out of water | 74° 42.51' N     | 146° 37.17' W      | 3779 m          | "         |
| 10/10/10 | 2011 Z   | Bongo's In water     | 74° 42.50' N     | 146° 37.13' W      | 3778 m          | "         |
| 10/10/10 | 2023 Z   | Bongo's out of water | 74° 42.48' N     | 146° 37.10' W      | 3779 m          | "         |
| 10/10/10 | 2155 Z   | CTD out of water     | 74° 42.34' N     | 146° 36.81' W      | 3778 m          | "         |
| 10/10/10 | 2200 Z   | ADCP out of water    | 74° 42.64' N     | 146° 36.74' W      | 3778 m          | "         |
| 11/10/10 | 0810 Z   | Rosette In water     | 74° 01.61' N     | 139° 59.05' W      | 3525 m          | CB-21     |
| 11/10/10 | 0810 Z   | Rosette out of water | 74° 01.33' N     | 139° 59.37' W      | 3524 m          | "         |
| 11/10/10 | 0934 Z   | Nets In water        | 74° 01.24' N     | 139° 59.77' W      | 3525 m          | "         |
| 11/10/10 | 0941 Z   | Bongo's out of water | 74° 01.20' N     | 139° 59.82' W      | 3525 m          | "         |
| 11/10/10 | 0950 Z   | Bongo's In water     | 74° 01.16' N     | 139° 59.87' W      | 3524 m          | "         |
| 11/10/10 | 1001 Z   | CTD In water         | 74° 01.12' N     | 139° 59.94' W      | 3524 m          | "         |
| 11/10/10 | 1018 Z   | Bongo's out of water | 74° 01.04' N     | 140° 00.04' W      | 3524 m          | "         |
| 11/10/10 | 1032 Z   | Nets In water        | 74° 00.99' N     | 140° 00.17' W      | 3525 m          | "         |
| 11/10/10 | 1038 Z   | Nets out of water    | 74° 00.97' N     | 140° 00.23' W      | 3525 m          | "         |
| 11/10/10 | 1045 Z   | CTD out of water     | 74° 00.95' N     | 140° 00.28' W      | 3525 m          | "         |
| 11/10/10 | 1332     | CTD in               | 74° 00.54' N     | 140° 00.98' W      | 3527 m          | CB-21     |
| 11/10/10 | 1339     | ADCP in              | 74° 00.53' N     | 140° 00.96' W      | 3527 m          | CB-21     |
| 11/10/10 | 1452     | ADCP out             | 74° 00.40' N     | 140° 00.83' W      | 3526 m          | "         |
| 11/10/10 | 0545     | CTD out              | 74° 00.29' N     | 140° 00.60' W      | 3524 m          | "         |

Louis Science Log 2010-07  
Please log Net in/out, Rosette in/out, XCTD in

| Date      | Time (Z) | Event Type             | Lat (dd mm.mm N) | Long (ddd mm.mm W) | Depth (Knudsen) | Comments    |
|-----------|----------|------------------------|------------------|--------------------|-----------------|-------------|
| 12 Oct 10 | 0110     | XCTD IN                | 74°08.99'N       | 138°32.05'W        | 3426 m          | XCTD 47     |
| 12 Oct 10 | 0118     | XCTD DOWN              | 74°08.97'N       | 138°32.03'W        | 3426 m          | XCTD 47.    |
| 12/10/10  | 0446     | XCTD IN                | 74°20.42'N       | 136°52.66'W        | 3300 m          | XCTD #48    |
| 12/10/10  | 0450     | XCTD DONE              | 74°20.40'N       | 136°52.66'W        | 3300 m          | XCTD #48    |
| 12/10/10  | 0908     | CTD IN WATER           | 74°30.21'N       | 135°23.89'W        | 3267 m          | STN - C8-40 |
| 12/10/10  | 0911     | ADCP IN WATER          | 74°30.16'N       | 135°23.89'W        | 3267 m          | STN - C8-40 |
| 12/12/10  | 0931     | Rosette's In water     | 74°30.04'N       | 135°23.95'W        | 3264 m          | STN - C8-40 |
| 12/10/10  | 0937     | Rosette's out of water | 74°30.00'N       | 135°23.97'W        | 3264 m          | STN - C8-40 |
| 12/12/10  | 0946     | Rosette's In water     | 74°29.95'N       | 135°23.99'W        | 3265 m          | STN - C8-40 |
| 12/10/10  | 0952     | Rosette's out of water | 74°29.91'N       | 135°24.00'W        | 3265 m          | STN - C8-40 |
| 12/10/10  | 1053     | ADCP out water         | 74°29.58'N       | 135°24.13'W        | 3247 m          | STN - C8-40 |
| 12/10/10  | 1512     | CTD OUT                | 74°29.45'N       | 135°24.19'W        | 3246 m          | STN - C8-40 |
| 12/10/10  | 1534     | XCTD IN                | 74°00.14'N       | 134°53.18'W        | 3067 m          | #49         |
| 12/10/10  | 1540     | XCTD COMPLETE          | 74°00.11         | 134°53.18'W        | 3067 m          | #49         |
| 12/10/10  | 2010     | CTD IN                 | 73°31.13'N       | 134°11.50'W        | 2881 m          | CB-50       |
| 12/10/10  | 2015     | ADCP IN                | 73°31.11'N       | 134°11.53'W        | 2882 m          |             |
| 12/10/10  | 2208     | CTD OUT                | 73°30.60'N       | 134°12.17'W        | 2880 m          |             |
| 12/10/10  | 2212     | ADCP OUT               | 73°30.60'N       | 134°12.20'W        | 2881 m          |             |
| 12/10/10  | 2312     | Net in                 | 73°30.35'N       | 134°12.50'W        | 2881 m          |             |
|           | 2321     | Net out                | 73°30.27'N       | 134°12.93'W        | 2882 m          |             |
|           | 2325     | Net in                 | 73°30.25'N       | 134°15.62'W        | 2882 m          |             |
|           | 2332     | Net out                | 73°30.23'N       | 134°18.25'W        | 2883 m          |             |

Louis Science Log 2010-07  
Please log Net in/out, Rosette in/out, XCTD in

| Date     | Time (Z) | Event Type       | Lat (dd mm.mm N) | Long (ddd mm.mm W) | Depth (Knudsen) | Comments  |
|----------|----------|------------------|------------------|--------------------|-----------------|-----------|
| 13/10/10 | 0803 Z   | CTD In water     | 73° 30.79' N     | 130° 56.62' W      | 2511 m          | CB-51     |
| 13/10/10 | 0807 Z   | Bongo's In water | 73° 30.43' N     | 130° 56.65' W      | 2509 m          | "         |
| 13/10/10 | 0813 Z   | Bongo's out      | 73° 30.39' N     | 130° 56.75' W      | 2510 m          | "         |
| 13/10/10 | 0821 Z   | Bongo's In water | 73° 30.34' N     | 130° 56.77' W      | 2510 m          | "         |
| 13/10/10 | 0828 Z   | Bongo's out      | 73° 30.30' N     | 130° 56.79' W      | 2509 m          | "         |
| 13/10/10 | 0852 Z   | Rosette out      | 73° 30.17' N     | 130° 56.89' W      | 2515 m          | "         |
| 13/10/10 | 0926 Z   | XCTD In          | 73° 30.11' N     | 130° 22.12' W      | 2104 m          | XCTD 4050 |
| 13/10/10 | 1041 Z   | XCTD Complete    | 73° 30.05' N     | 130° 22.24' W      | 2102 m          | XCTD 50   |
| 13/10/10 | 1205     | XCTD LAUNCHED    | 73° 29.14' N     | 129° 51.77' W      | 1367 m          | XCTD 51   |
| 13/10/10 | 1211     | XCTD Complete    | 73° 29.12' N     | 129° 51.79' W      | 1366 m          | XCTD 51   |
| 13/10/10 | 1412     | CTD In           | 73° 29.66' N     | 129° 29.49' W      | 990 m           | CB-52     |
| 13/10/10 | 1434     | NET In           | 73° 29.53' N     | 129° 29.58' W      | 1008 m          | CB-52     |
| 13/10/10 | 1440     | Net out          | 73° 29.49' N     | 129° 29.62' W      | 1008 m          | CB-52     |
| 13/10/10 | 1448     | Net in           | 73° 29.51' N     | 129° 29.60' W      | 1008 m          | CB-52     |
| 13/10/10 | 1456     | Net out          | 73° 29.51' N     | 129° 29.72' W      | 1008 m          | CB-52     |
| 13/10/10 | 1500     | ADCP out         | 73° 29.46' N     | 129° 29.60' W      | 1008 m          | CB-52     |
| 13/10/10 | 1507     | CTD out          | 73° 29.40' N     | 129° 29.70' W      | 1008 m          | CB-52     |
| 13/10/10 | 1612     | XCTD In          | 73° 26.18' N     | 128° 57.98' W      | 573.4 m         | XCTD #52  |
| 13/10/10 | 1617     | XCTD Complete    | 73° 26.18' N     | 128° 57.98' W      | 573.4           | #52       |
| 13/10/10 | 1914     | CTD In           | 73° 23.78' N     | 128° 32.84' W      | 402.0 m         | CB-53     |
| 13/10/10 | 1929     | ADCP In          | 73° 23.58' N     | 128° 32.44' W      | 402.7 m         | CB-53     |
| 13/10/10 | 1948     | ADCP out         | 73° 23.52' N     | 128° 32.65' W      | 404.5 m         | CB-53     |

## Please log Net in/out, Rosette in/out, XCTD in

| Date       | Time (Z) | Event Type     | Lat (dd mm.mm N) | Long (ddd mm.mm W) | Depth (Knudsen) | Comments |
|------------|----------|----------------|------------------|--------------------|-----------------|----------|
| 1989/10/10 | 1959     | CTD OUT        | 73° 23.50'N      | 128° 32.75'W       | 405.7m          |          |
| 13/10/10   | 2147     | Bogys EIC      | 73° 22.65'N      | 128° 33.26'W       | 411m            |          |
| 13/10/10   | 2155     | Net OUT        | 73° 22.64'N      | 128° 33.27'W       | 410m            |          |
| 13/10/10   | 2200     | Net TN         | 73° 22.66'N      | 128° 33.29'W       | 410m            |          |
| 13/10/10   | 2206     | Net OUT        | 73° 22.67'N      | 128° 33.35'W       | 410m            |          |
| 14/10/10   | 0100     | CTB IN         | 73° 19.26'N      | 127° 47.53'W       | 204m            | CB-53    |
| 14/10/10   | 0117     | ADDED IN       | 73° 19.17'N      | 127° 47.47'W       | 204m            | CB-53    |
| 14/10/10   | 0118     | Net IN         | 73° 19.17'N      | 127° 47.47'W       | 204m            | CB-53    |
| 14/10/10   | 0124     | Net OUT        | 73° 19.13'N      | 127° 47.44'W       | 204m            | CB-53    |
|            | 0129     | CTD OUT        | 73° 19.12'N      | 127° 47.46'W       | 204m            | CB-53    |
|            | 0131     | Net IN         | 73° 19.10'N      | 127° 47.44'W       | 204m            | CB-53    |
|            | 0143     | Net OUT + ADCP | 73° 19.05'N      | 127° 47.40'W       | 204m            | CB-53    |

COOPERATION ON THE COMPLETION OF THIS 2010!

HAVE A HAPPY DATA PROCESSING!