**German Bank & Seal Island Survey Plan**

**Wednesday, September 27, 2023**

All nine vessels in the fleet will participate in this non-fishing survey. 7 vessels will run two transects in the German Bank survey box and two vessels will run three transect in the Seal Island survey box. The survey will start at 8:00 pm. The Lady Melissa will be conducting oceanographic sampling with Tracey aboard.

A graph showing a number of different colored lines

Description automatically generated

CTD Box for the Lady Melissa



**German Bank Lines**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Vessel No. | Boat | Line | Start Lat | Start Long | Turn Lat | Turn Lon |
| 1 | Lady Melissa | 1 | 4334.000 | 6622.585 | 4314.000 | 6622.585 |
| 2 | 4334.000 | 6614.4 | 4314.000 | 6614.4 |
| 2 | Lady Janice II | 1 | 4334.000 | 6623.754 | 4314.000 | 6623.754 |
| 2 | 4334.000 | 6615.569 | 4314.000 | 6615.569 |
| 3 | Morning Star | 1 | 4334.000 | 6624.923 | 4314.000 | 6624.923 |
| 2 | 4334.000 | 6616.738 | 4314.000 | 6616.738 |
| 4 | Brunswick Provider | 1 | 4334.000 | 6626.092 | 4314.000 | 6626.092 |
| 2 | 4334.000 | 6617.908 | 4314.000 | 6617.908 |
| 5 | Leroy and Barry | 1 | 4334.000 | 6627.262 | 4314.000 | 6627.262 |
| 2 | 4334.000 | 6619.077 | 4314.000 | 6619.077 |
| 6 | Fundy Monarch | 1 | 4334.000 | 6628.431 | 4314.000 | 6628.431 |
| 2 | 4334.000 | 6620.246 | 4314.000 | 6620.246 |
| 7 | Canada 100 | 1 | 4334.000 | 6629.6 | 4314.000 | 6629.6 |
| 2 | 4334.000 | 6621.415 | 4314.000 | 6621.415 |

**Seal Island Lines**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Vessel No. | Boat | Line | Start Lat | Start Lon | Turn Lat | Turn Lon |
| 8 | Sealife II | 1 | 4330.120 | 6612.54 | 4314.850 | 6612.54 |
| 2 | 4330.120 | 6610.02 | 4314.850 | 6610.02 |
| 3 | 4330.120 | 6607.5 | 4314.850 | 6607.5 |
| 9 | Tasha Marie | 1 | 4330.120 | 6613.8 | 4314.850 | 6613.8 |
| 2 | 4330.120 | 6611.28 | 4314.850 | 6611.28 |
| 3 | 4330.120 | 6608.76 | 4314.850 | 6608.76 |

**INSTRUCTIONS**

1. Plan to arrive at the starting point 30 minutes before the start time of 20:00:00.
2. Start the EK80 software and load the ‘Herring Survey 2023’ settings. When you are ready to begin, Record Raw should be turned ‘ON’ and the ‘REC’ dot in the upper left should turn from black to red. Finally, check that the lat and long in the top center of the screen is changing.
3. Commence surveying first line at 20:00:00 and maintain a speed at 8 knots.
4. Run your lines straight and double check that the recorder is turned on and red.
5. Maintain deck sheets as a backup to recorders every 15 minutes.
6. Note the time when finished your last line.
7. Fishing to start on 2023-09-28, and allocation is 200mt/vessel for German Bank and 75mt/vessel for Seal Island.