

## 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.

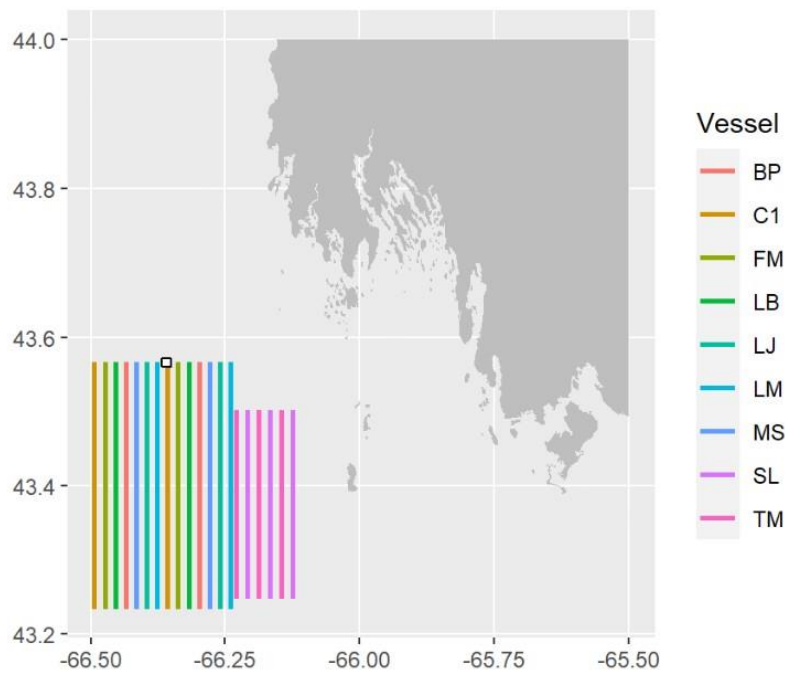


Figure 1. Survey lines to be completed by participating vessels.

#### CTD Box for the Lady Melissa

Y	X
4334.32	6622.08
4333.6	6622.08
4333.6	6621
4334.32	6621

### 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.

