

German Bank Survey #4 - 2024-09-15

This **non-fishing** survey will include 6 participating vessels.

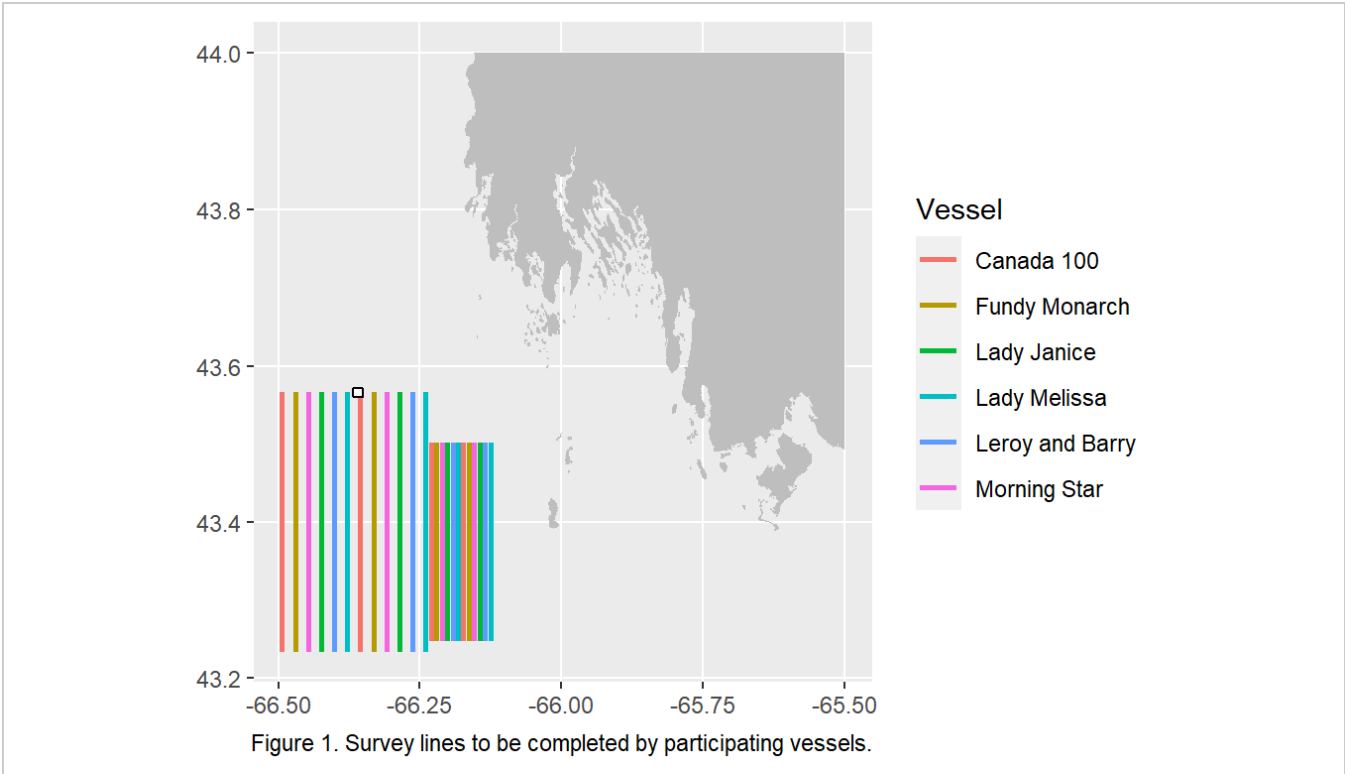
Vessels will complete the following lines: All vessels are to complete two lines each in the German Survey Box and two line in the Seal Island Box .

The Lady Melissa will conduct plankton tows and oceanographic sampling.

The survey will have a start time of 20:00:00.

Vessels are reminded to complete their assigned transects as listed, straight, and without deviating.

When running your transect, if you are recording a school of fish but are near the end of your line, please continue recording in a straight line even if it extends beyond the boundaries of the survey box.



The Lady Melissa will complete both plankton towing and CTD casts (northern small box).

CTD Box

Lat	Lon
4334.320	6622.080
4333.600	6622.080
4333.600	6621.000
4334.320	6621.000

Full Lines Table

Vessel	Start Lat	Start Lon	End Lat	End Lon
Canada 100	4334.00	6629.600	4314.00	6629.600
Canada 100	4334.00	6621.310	4314.00	6621.309
Canada 100	4330.12	6613.800	4314.85	6613.800
Canada 100	4330.12	6610.364	4314.85	6610.364
Fundy Monarch	4334.00	6628.220	4314.00	6628.218
Fundy Monarch	4334.00	6619.930	4314.00	6619.927
Fundy Monarch	4330.12	6613.227	4314.85	6613.227
Fundy Monarch	4330.12	6609.791	4314.85	6609.791
Lady Janice	4334.00	6625.450	4314.00	6625.455
Lady Janice	4334.00	6617.160	4314.00	6617.164
Lady Janice	4330.12	6612.082	4314.85	6612.082
Lady Janice	4330.12	6608.645	4314.85	6608.645
Lady Melissa	4334.00	6622.690	4314.00	6622.691
Lady Melissa	4334.00	6614.400	4314.00	6614.400
Lady Melissa	4330.12	6610.936	4314.85	6610.936
Lady Melissa	4330.12	6607.500	4314.85	6607.500
Leroy and Barry	4334.00	6624.070	4314.00	6624.073
Leroy and Barry	4334.00	6615.780	4314.00	6615.782
Leroy and Barry	4330.12	6611.509	4314.85	6611.509
Leroy and Barry	4330.12	6608.073	4314.85	6608.073
Morning Star	4334.00	6626.840	4314.00	6626.836
Morning Star	4334.00	6618.550	4314.00	6618.545
Morning Star	4330.12	6612.655	4314.85	6612.655
Morning Star	4330.12	6609.218	4314.85	6609.218

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 2024' 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 2024-09-16, and allocation is 200mt/vessel for German Bank and 200mt/vessel for Seal Island.