

# German Bank Survey #1 - 2024-08-04

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 .

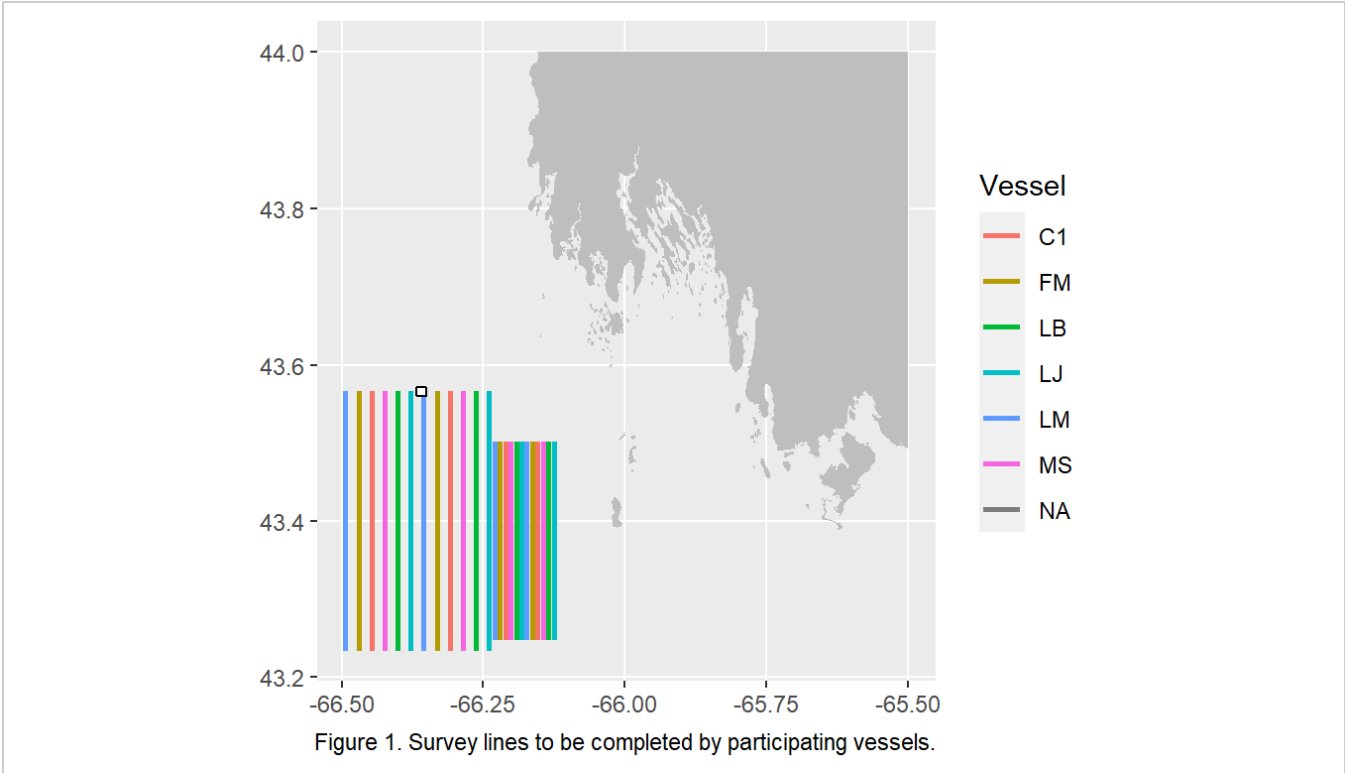
The Lady Janice will conduct plankton tows and oceanographic sampling.

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

Tagging will be conducted from the NA.

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 Janice 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	6626.836	4314.00	6626.836
Canada 100	4334.00	6618.545	4314.00	6618.545
Canada 100	4330.12	6612.655	4314.85	6612.655
Canada 100	4330.12	6609.218	4314.85	6609.218
Fundy Monarch	4334.00	6628.218	4314.00	6628.218
Fundy Monarch	4334.00	6619.927	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	6622.691	4314.00	6622.691
Lady Janice	4334.00	6614.400	4314.00	6614.400
Lady Janice	4330.12	6610.936	4314.85	6610.936
Lady Janice	4330.12	6607.500	4314.85	6607.500
Lady Melissa	4334.00	6629.600	4314.00	6629.600
Lady Melissa	4334.00	6621.309	4314.00	6621.309
Lady Melissa	4330.12	6613.800	4314.85	6613.800
Lady Melissa	4330.12	6610.364	4314.85	6610.364
Leroy and Barry	4334.00	6624.073	4314.00	6624.073
Leroy and Barry	4334.00	6615.782	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	6625.455	4314.00	6625.455
Morning Star	4334.00	6617.164	4314.00	6617.164
Morning Star	4330.12	6612.082	4314.85	6612.082
Morning Star	4330.12	6608.645	4314.85	6608.645

# 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 2024-08-05, and allocation is 100mt/vessel for German Bank and 100mt/vessel for Seal Island.