

German Bank Survey #5 - 2023-09-27

This **non-fishing** survey will include 9 participating vessels.

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

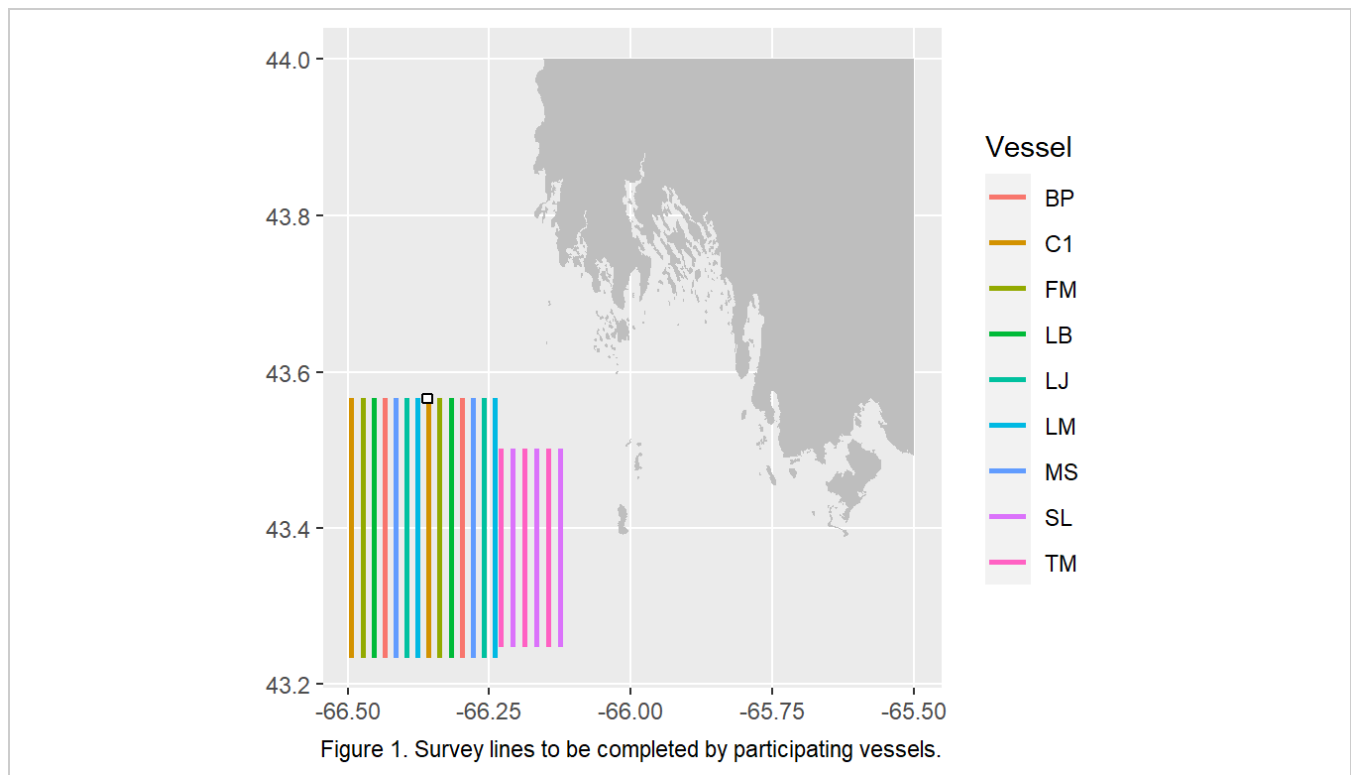
The Lady Melissa will conduct plankton tows and oceanographic sampling.

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

Tagging will be conducted from the Canada 100, Morning Star, Lady Janice II, Sealife II, Lady Melissa, Tasha Marie.

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

Lat	Lon
4334.320	6621.000

Full Lines Table

Vessel	Start Lat	Start Lon	End Lat	End Lon
BP	4334.00	6626.092	4314.00	6626.092
BP	4334.00	6617.908	4314.00	6617.908
C1	4334.00	6629.600	4314.00	6629.600
C1	4334.00	6621.415	4314.00	6621.415
FM	4334.00	6628.431	4314.00	6628.431
FM	4334.00	6620.246	4314.00	6620.246
LB	4334.00	6627.262	4314.00	6627.262
LB	4334.00	6619.077	4314.00	6619.077
LJ	4334.00	6623.754	4314.00	6623.754
LJ	4334.00	6615.569	4314.00	6615.569
LM	4334.00	6622.585	4314.00	6622.585
LM	4334.00	6614.400	4314.00	6614.400
MS	4334.00	6624.923	4314.00	6624.923
MS	4334.00	6616.738	4314.00	6616.738
SL	4330.12	6612.540	4314.85	6612.540
SL	4330.12	6610.020	4314.85	6610.020
SL	4330.12	6607.500	4314.85	6607.500
TM	4330.12	6613.800	4314.85	6613.800
TM	4330.12	6611.280	4314.85	6611.280
TM	4330.12	6608.760	4314.85	6608.760

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.