

## Scots Bay Survey #2 - 2025-05-20

This fishing survey will include 3 participating vessels.

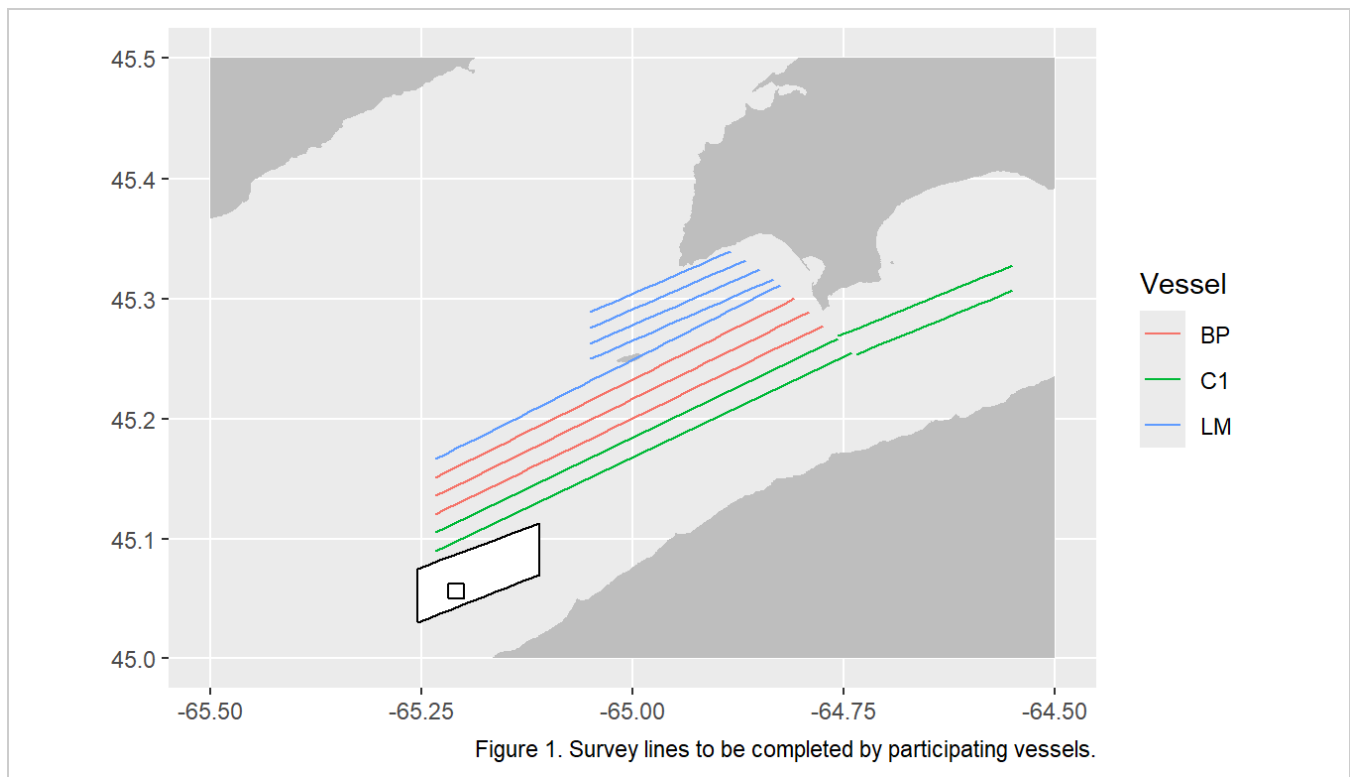
Vessels will complete the following lines: Canada 100 will each run 2 lines in the Main Box and 2 lines in the East Box, and Lady Melissa will run 1 line in the Main Box and 4 lines in the North box. Brunswick Provider will run 3 lines in the main box. .

The NA 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 NA will complete both plankton towing (bottom left outer box) and CTD casts (inner box) .

CTD Box

Lat	Lon
4503.432	6513.048
4503.000	6513.048
4503.000	6512.000
4503.432	6512.000

Tow Box

Lat	Lon
4501.800	6515.300
4504.200	6506.600
4506.780	6506.600
4504.500	6515.300

Full Lines Table

Vessel	Start Lat	Start Lon	End Lat	End Lon
BP	4507.241	6514.000	4516.679	6446.452
BP	4508.160	6514.000	4517.352	6447.468
BP	4509.080	6514.000	4518.026	6448.484
C1	4505.401	6514.000	4515.331	6444.420
C1	4515.238	6444.113	4518.408	6433.000
C1	4506.321	6514.000	4516.005	6445.436
C1	4516.120	6445.430	4519.700	6433.000
LM	4510.000	6514.000	4518.700	6449.500
LM	4515.000	6503.000	4519.000	6450.000
LM	4515.783	6503.000	4519.467	6451.000
LM	4516.567	6503.000	4519.933	6452.000
LM	4517.350	6503.000	4520.400	6453.000

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 2025-05-21, and allocation is 100mt/vessel.

Tidal Charts

2025-05-20	1.8	2.7	4.2	6.2	8	9.2	9.3	8.6	7.1	5.2	3.3	1.9	1.4	1.8	3.1	4.9	6.9	8.5	9.2	8.9	7.9	6.2	4.3	2.7
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2025-05-20 (Tue)		
Time ADT	Height (m)	Height (ft)
05:41	9.398	30.8
12:03	1.420	4.7
18:15	9.211	30.2