

Scots Bay Survey #4 - 2024-06-16

This fishing survey will include 6 participating vessels.

Vessels will complete the following lines: Canada 100 and Leroy and Barry will run 4 lines in the East and North boxes, and all other vessels will be running 2 lines in the Main Survey Box .

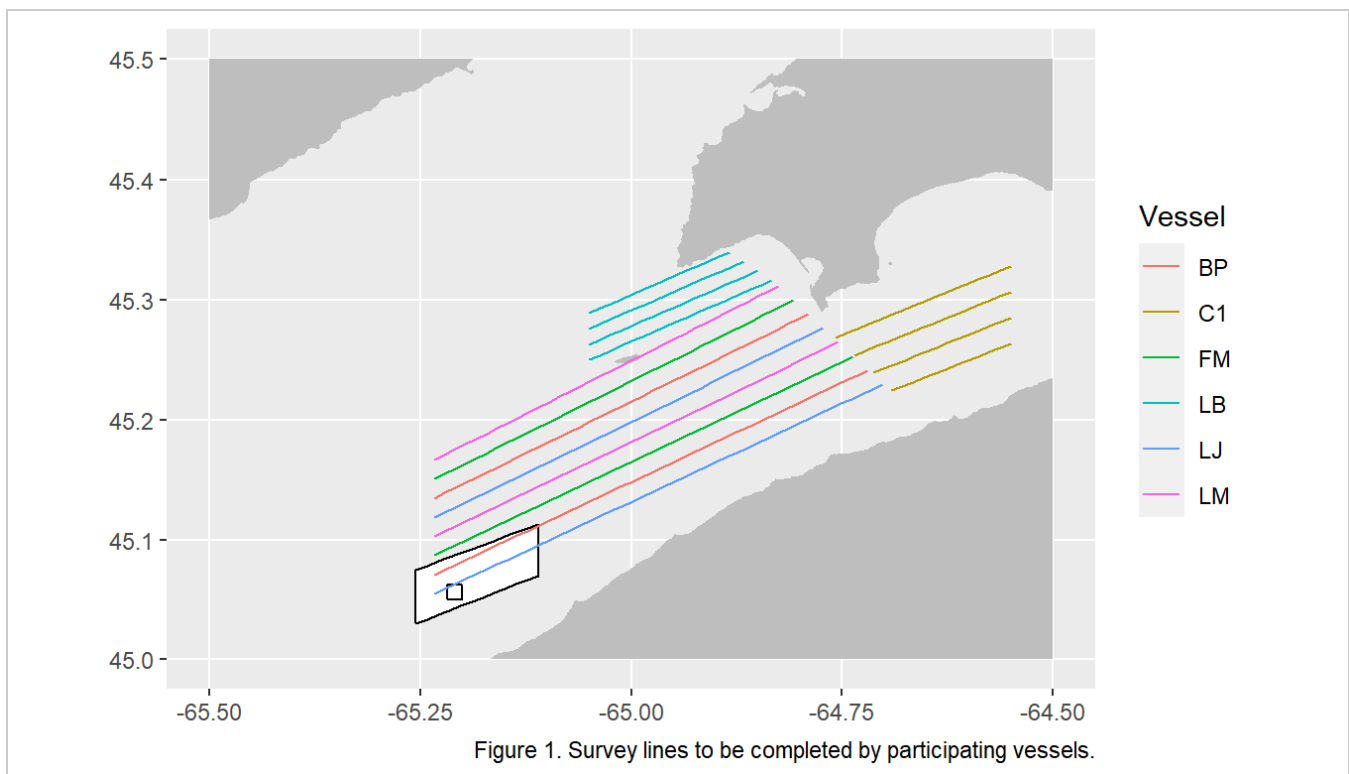
The Lady Janice will conduct plankton tows and oceanographic sampling.

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 (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
Brunswick Provider	4504.256	6514.000	4514.492	6443.155
Brunswick Provider	4508.085	6514.000	4517.297	6447.385
Canada 100	4513.475	6441.480	4515.825	6433.000
Canada 100	4514.357	6442.797	4517.117	6433.000
Canada 100	4515.238	6444.113	4518.408	6433.000
Canada 100	4516.120	6445.430	4519.700	6433.000
Fundy Monarch	4505.213	6514.000	4515.194	6444.213
Fundy Monarch	4509.043	6514.000	4517.999	6448.443
Lady Janice	4503.299	6514.000	4513.791	6442.098
Lady Janice	4507.128	6514.000	4516.596	6446.328
Lady Melissa	4506.171	6514.000	4515.895	6445.270
Lady Melissa	4510.000	6514.000	4518.700	6449.500
Leroy and Barry	4515.000	6503.000	4519.000	6450.000
Leroy and Barry	4515.783	6503.000	4519.467	6451.000
Leroy and Barry	4516.567	6503.000	4519.933	6452.000
Leroy and Barry	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 2024-06-17, and allocation is 200mt/vessel.

Tidal Charts

2024-06-16	4.1	3.1	2.7	3	3.9	5.2	6.4	7.5	8	7.8	7	5.7	4.4	3.3	2.8	2.9	3.7	4.9	6.3	7.5	8.2	8.2	7.5	6.4
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2024-06-16 (Sun)		
Time ADT	Height (m)	Height (ft)
02:04	2.7	8.9
08:13	8	26.2
14:18	2.7	9
20:31	8.3	27.2