

## Scots Bay Survey #3 - 2024-06-02

This fishing survey will include 6 participating vessels.

Vessels will complete the following lines: Brunswick Provider and Lady Janice will run 4 lines in the East and North boxes, and all other vessels will be running 2 lines in the Main Survey Box .

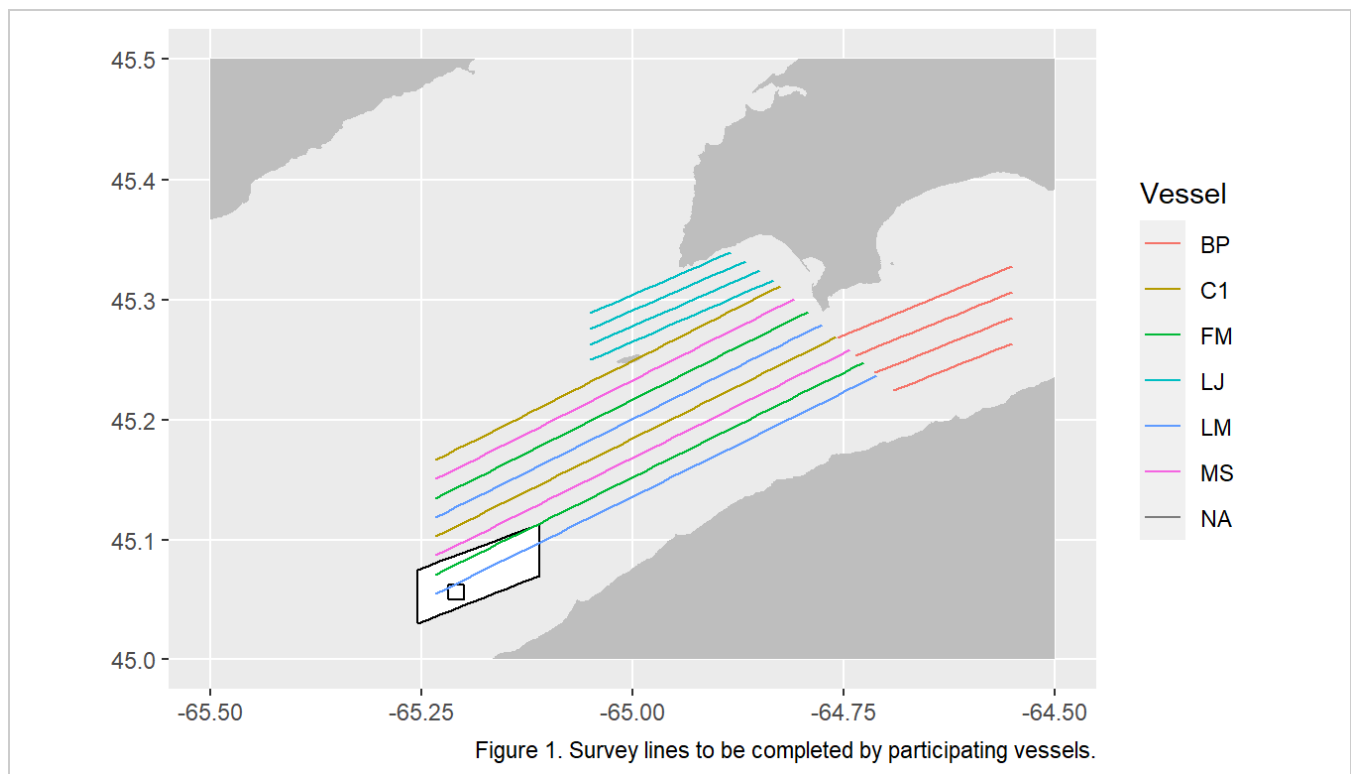
The Lady Melissa will conduct plankton tows and oceanographic sampling.

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

Tagging will be conducted from the 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 Melissa will complete both plankton towing (bottom left outer box) and CTD casts (inner box) .

## CTD Box

## Tow Box

Lat	Lon	Lat	Lon
4503.432	6513.048	4501.800	6515.300
4503.000	6513.048	4504.200	6506.600
4503.000	6512.000	4506.780	6506.600
4503.432	6512.000	4504.500	6515.300

## Full Lines Table

Vessel	Start Lat	Start Lon	End Lat	End Lon
Bruswick Provider	45.22458	-64.69133	45.26375	-64.55000
Bruswick Provider	45.23928	-64.71328	45.28528	-64.55000
Bruswick Provider	45.25397	-64.73522	45.30681	-64.55000
Bruswick Provider	45.26867	-64.75717	45.32833	-64.55000
Canada 100	4505.53257	6514.00000	4515.42743	6444.56514
Canada 100	4510.00000	6514.00000	4518.70000	6449.50000
Fundy Monarch	4502.18200	6514.00000	4512.97300	6440.86400
Fundy Monarch	4506.64943	6514.00000	4516.24557	6445.79886
Lady Janice	45.25000	-65.05000	45.31667	-64.83333
Lady Janice	45.26305	-65.05000	45.32445	-64.85000
Lady Janice	45.27612	-65.05000	45.33222	-64.86667
Lady Janice	45.28917	-65.05000	45.34000	-64.88333
Lady Melissa	4503.29886	6514.00000	4513.79114	6442.09771
Lady Melissa	4507.76629	6514.00000	4517.06371	6447.03257
Morning Star	4504.41571	6514.00000	4514.60929	6443.33143
Morning Star	4508.88314	6514.00000	4517.88186	6448.26629

# 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 2024-06-03, and allocation is 150mt/vessel.

# Tidal Charts

2024-06-02	3.7	2	1.2	1.4	2.6	4.5	6.6	8.4	9.4	9.4	8.4	6.7	4.6	2.7	1.5	1.2	1.9	3.5	5.7	7.8	9.3	9.8	9.3	7.9
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2024-06-02 (Sun)		
Time ADT	Height (m)	Height (ft)
02:18	1.2	3.9
08:28	9.6	31.4
14:47	1.2	4
20:59	9.8	32.2