

Scots Bay Survey #5 - 2025-06-30

This fishing survey will include 7 participating vessels.

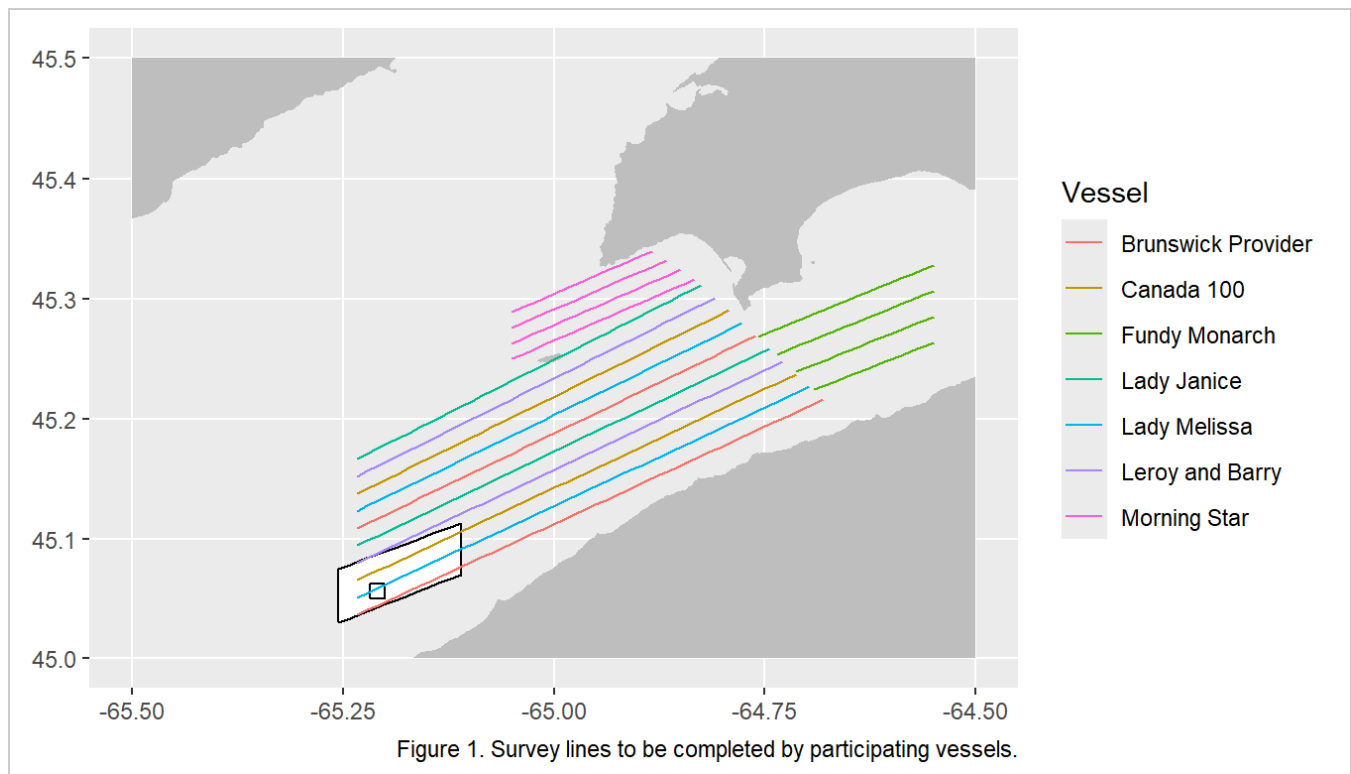
Vessels will complete the following lines: Fundy Monarch and Morning Star will run 4 lines in the East and North boxes, and all other vessels will be running 2 lines in the Main Survey Box .

The 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
Brunswick Provider	4502.182	6514.000	4512.973	6440.864
Brunswick Provider	4506.525	6514.000	4516.155	6445.662
Canada 100	4503.919	6514.000	4514.246	6442.783
Canada 100	4508.263	6514.000	4517.427	6447.581
Fundy Monarch	4513.475	6441.480	4515.825	6433.000
Fundy Monarch	4514.357	6442.797	4517.117	6433.000
Fundy Monarch	4515.238	6444.113	4518.408	6433.000
Fundy Monarch	4516.120	6445.430	4519.700	6433.000
Lady Janice	4505.657	6514.000	4515.518	6444.702
Lady Janice	4510.000	6514.000	4518.700	6449.500
Lady Melissa	4503.051	6514.000	4513.609	6441.824
Lady Melissa	4507.394	6514.000	4516.791	6446.621
Leroy and Barry	4504.788	6514.000	4514.882	6443.743
Leroy and Barry	4509.131	6514.000	4518.064	6448.540
Morning Star	4515.000	6503.000	4519.000	6450.000
Morning Star	4515.783	6503.000	4519.467	6451.000

Vessel	Start Lat	Start Lon	End Lat	End Lon
Morning Star	4516.567	6503.000	4519.933	6452.000
Morning Star	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 2025’ 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 2025-07-01, and allocation is 150mt/vessel.

Tidal Charts

2025-06-30	3.1	4.9	7	8.6	9.4	9.1	8	6.3	4.3	2.6	1.6	1.4	2.2	3.8	5.8	7.6	8.8	9.1	8.5	7.2	5.4	3.6	2.3	1.8
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2025-06-30 (Mon)		
Time ADT	Height (m)	Height (ft)
04:16	9.387	30.8
10:42	1.334	4.4
16:48	9.147	30.0
23:08	1.757	5.8