

Scots Bay Survey #10 - 2023-09-24

This fishing survey will include 4 participating vessels.

Vessels will complete the following lines: All vessels will be running 2 lines in the Main Survey Box .

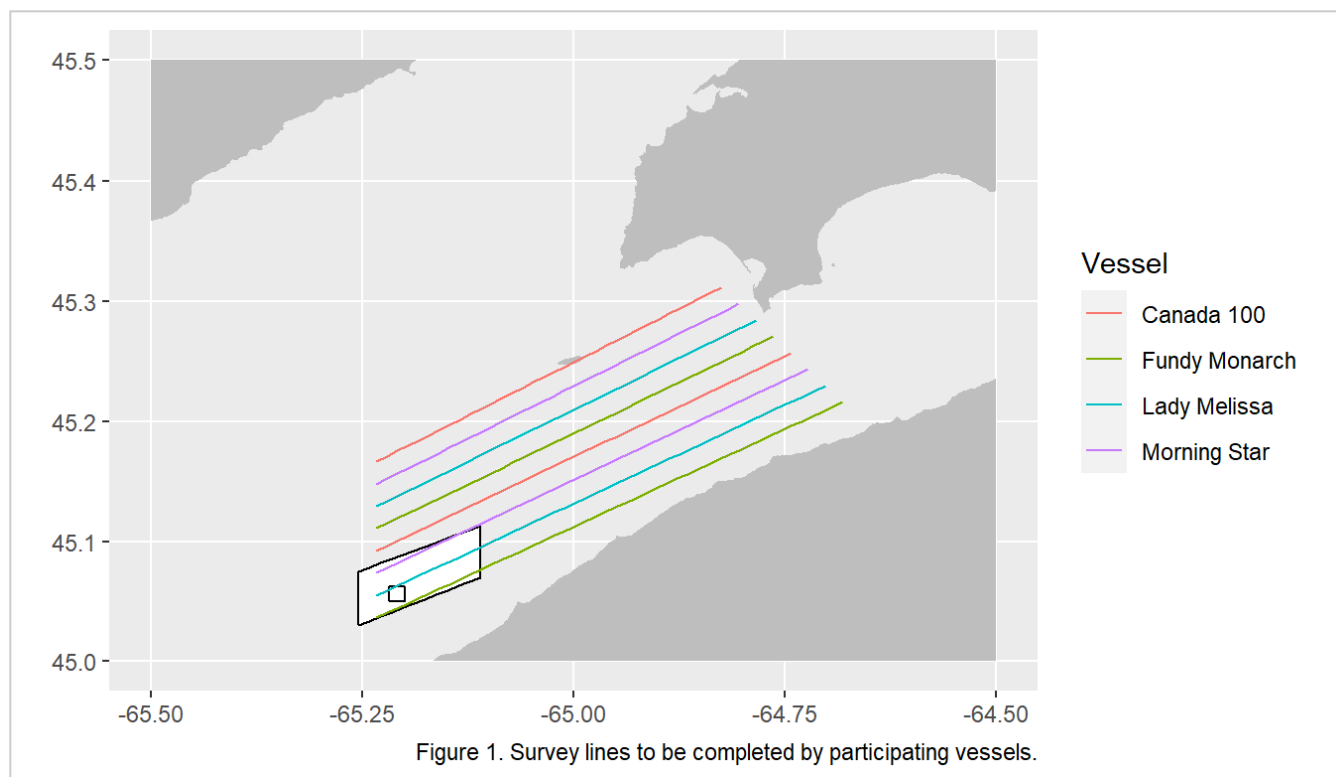
The Lady Melissa will conduct plankton tows and oceanographic sampling.

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

Tagging will be conducted from the Canada 100, Fundy Monarch, Lady Melissa, Morning Star.

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

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
Canada 100	4505.533	6514	4515.427	6444.565
Canada 100	4510.000	6514	4518.700	6449.500
Fundy Monarch	4502.182	6514	4512.973	6440.864
Fundy Monarch	4506.649	6514	4516.246	6445.799
Lady Melissa	4503.299	6514	4513.791	6442.098
Lady Melissa	4507.766	6514	4517.064	6447.033
Morning Star	4504.416	6514	4514.609	6443.331
Morning Star	4508.883	6514	4517.882	6448.266

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 2023-09-25, and allocation is 200mt/vessel.

Tidal Charts

2023-09-24	2	1.7	2.3	3.6	5.3	7.1	8.3	8.7	8.3	7.2	5.7	4	2.7	2	2.3	3.2	4.8	6.7	8.3	9.2	9.1	8.2	6.7	4.9
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2023-09-23 (Sat)

Time ADT	Height (m)	Height (ft)
05:57	8.8	28.9
12:10	2	6.5
18:21	9.3	30.5

2023-09-24 (Sun)

Time ADT	Height (m)	Height (ft)
00:46	1.7	5.6
06:59	8.7	28.6
13:14	2	6.6
19:26	9.3	30.3