

# Scots Bay Survey #7 - 2024-07-29

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 .

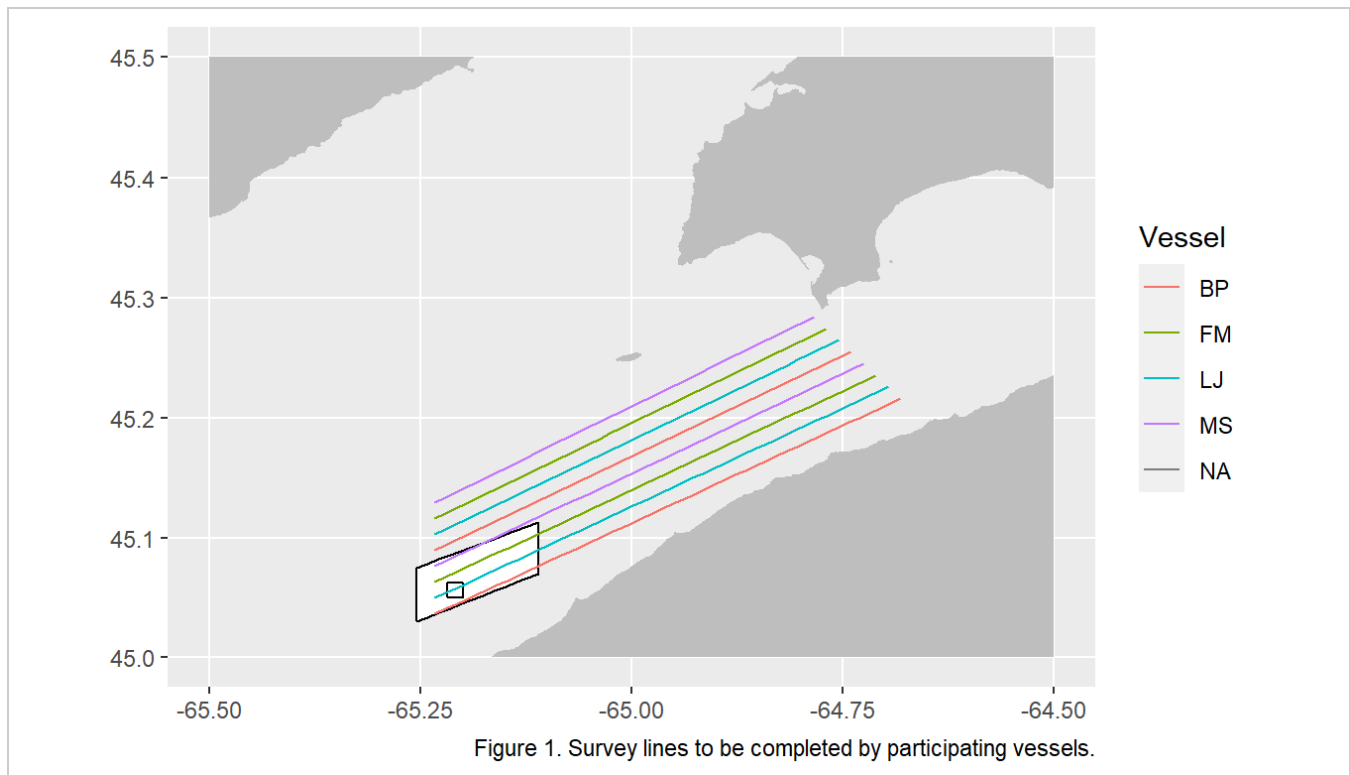
The Lady Janice will conduct plankton tows and oceanographic sampling.

The survey will have a start time of 21:00:00.

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	4502.182	6514	4512.973	6440.864
Brunswick Provider	4505.373	6514	4515.311	6444.389
Fundy Monarch	4503.778	6514	4514.142	6442.626
Fundy Monarch	4506.969	6514	4516.479	6446.151
Lady Janice	4502.980	6514	4513.557	6441.745
Lady Janice	4506.171	6514	4515.895	6445.270
Morning Star	4504.575	6514	4514.726	6443.508
Morning Star	4507.766	6514	4517.064	6447.033

Instructions

1. Plan to arrive at the starting point 30 minutes before the start time of 21:00:00.
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 21:00:00 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 2024-07-30, and allocation is 250mt/vessel.

# Tidal Charts

2024-07-29	1.2	1.2	2.1	3.8	5.9	7.9	9.1	9.4	8.6	7.1	5.2	3.3	1.9	1.4	1.8	3.2	5.1	7.2	8.9	9.6	9.4	8.2	6.3	4.2
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2024-07-29 (Mon)		
Time ADT	Height (m)	Height (ft)
00:34	1.1	3.5
06:44	9.4	30.8
13:02	1.4	4.6
19:13	9.7	31.7