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Director

Commonwealth of Massachusetts

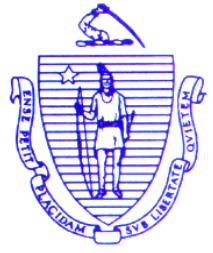
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Attention Fixed Gear Fishermen,

The *Massachusetts Division of Marine Fisheries*' Industry-Based Survey for Gulf of Maine Cod (Cod IBS) is currently underway in Massachusetts and New Hampshire State waters, and federal waters from Cape Cod Bay to Casco Bay Maine. The survey is conducted on the F/V Miss Emily, a 53' stern trawl based out of Scituate, MA. The first year of the study, which occurred from April 2016 through January 2017 had low completion rates in areas which lobster gear was present.

In order to facilitate the completion of tows, DMF has identified planned tows for November 2017 within survey areas that we have experienced high densities of fixed gear. A successful tow needs a line free of fixed gear that is approximately 1500 feet wide and 1.5 nautical miles long. The attached table contains two points that we intend to survey between and the dates the tow will occur. If it is not possible to survey this particular tow line the survey vessel will continue to look for a tow within 2.25 nautical miles of the station. We ask that fixed gear fishermen please temporarily remove their gear from these tow lines.

Updates on future planned tows and their completion will be available on the Cod IBS [website](#) and via text messages sent through the cod IBS [text message alert](#) system. Additionally updates will be provided to the Maine Lobstermen's Association, Massachusetts Lobstermen's Association, and New Hampshire Fish and Game.

If you have questions regarding the Cod IBS please contact William Hoffman at (978) 282-0308 x 106. Thank you in advance for your cooperation.

Sincerely,

William Hoffman

Cod IBS
Planned Tows for November 2017

Planned tows will be attempted on a line between Point A and Point B.
 Loran coordinates were generated using P-Sea[™] WindPlot2MAX and are for **general guidance only**
For accurate coordinates use Latitude / Longitude

Station	General Area	Dates	Point A 9960-W	Point A 9960-Y	Point A Latitude	Point A Longitude	Point A 9960-W	Point B 9960-Y	Point B Latitude	Point B Longitude
13	Cape Cod Bay	11/16-11/30	13959.2	44045.5	41°50.156' N	70°24.765' W	13952.7	44051.9	41°51.271' N	70°24.516' W
14	Cape Cod Bay	11/16-11/30	13900	44069	41°55.530' N	70°18.991' W	13904.6	44076.1	41°56.346' N	70°20.384' W
12	Cape Cod Bay	11/16-11/30	13865.2	44077.8	41°58.037' N	70°15.120' W	13855	44081.5	41°58.927' N	70°14.114' W
18	Highland	11/16-11/30	13759.8	44092.7	42°03.955' N	70°02.008' W	13755.8	44085.7	42°03.122' N	70°00.628' W
20	N of Peaked Hill	11/16-11/30	13781.4	44133.8	42°08.986' N	70°09.804' W	13792.4	44135.7	42°08.838' N	70°11.520' W
15	SW Stellwagen	11/16-11/30	13844.3	44160.9	42°10.411' N	70°21.389' W	13845.9	44152	42°09.093' N	70°20.589' W
25	Mass Bay	11/16-11/30	13907	44190.3	42°12.121' N	70°32.927' W	13913.6	44198	42°12.941' N	70°34.632' W
19	Mass Bay	11/16-11/30	13848.6	44196	42°15.203' N	70°25.938' W	13855.7	44202.6	42°15.851' N	70°27.613' W
23	Mass Bay	11/16-11/30	13881.8	44228	42°18.416' N	70°33.859' W	13881.9	44219.5	42°17.208' N	70°32.910' W
26	Mass Bay	11/16-11/30	13952.1	44288.4	42°24.080' N	70°49.414' W	13953.2	44279.9	42°22.838' N	70°48.624' W
24	Mass Bay	11/16-11/30	13853	44261.6	42°24.300' N	70°34.000' W	13841.8	44256.8	42°24.069' N	70°32.038' W
22	Mass Bay	11/16-11/30	13883.1	44283.7	42°26.222' N	70°40.308' W	13879.8	44275.7	42°25.225' N	70°38.984' W
29	S Jefferies Ledge	11/1-11/15	13740.9	44326.3	42°38.286' N	70°27.816' W	13738.8	44333.3	42°39.400' N	70°28.428' W
33	Ipswich Bay	11/1-11/15	13813.8	44383.3	42°43.501' N	70°43.608' W	13808.7	44377.4	42°42.875' N	70°42.290' W
35	Ipswich Bay	11/1-11/15	13759.8	44386.2	42°46.272' N	70°37.580' W	13755.4	44379	42°45.404' N	70°36.155' W
34	E of Merrimack	11/1-11/15	13794.1	44411.9	42°48.561' N	70°44.808' W	13805	44406.7	42°47.321' N	70°45.432' W
32	S of Isles of Shoals	11/1-11/15	13704.5	44422.3	42°54.058' N	70°35.695' W	13690	44423	42°54.800' N	70°34.108' W
45	NE of Isles of Shoals	11/1-11/15	13565.7	44446	43°03.849' N	70°22.848' W	13556	44447.3	43°04.494' N	70°21.918' W
50	W of Jefferies	11/1-11/15	13520	44459.7	43°08.033' N	70°19.542' W	13507.4	44463.8	43°09.248' N	70°18.700' W
48	SE of Portland, ME	11/1-11/15	13358.2	44496.4	43°21.258' N	70°06.688' W	13344.4	44503.5	43°23.025' N	70°06.238' W
36	SE of Portland, ME	11/1-11/15	13223.1	44509.7	43°29.757' N	69°53.604' W	13228.1	44505.3	43°28.811' N	69°53.430' W