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March 23 , 2007

Mr. William Adler, Executive Director
Mass. Lobstermen's Association, Inc.
8 Otis Place
Scituate, MA 02066-1323

Dear Bill,

Thank you for your continued publication of DMF's spring trawl survey station locations to promote cooperation with Massachusetts' lobstermen and other fixed gear fishermen. DMF's trawl survey provides information for many uses including environmental reviews and groundfish assessments. It is critical to the integrity of the survey that we maintain access to sampling sites.

We ask that all fixed gear fishermen review the attached table of station location details and the accompanying figures which plot the locations of all selected sample sites from north of Cape Ann to east of Cape Cod. We request that all fixed gear be kept clear of station locations (1.5 n. mi. diameter circle as shown in figure - center point reported in table) for the indicated periods. We will make every attempt to complete stations during the assigned period to minimize inconvenience to fixed gear fishermen. Fishermen can contact the R/V Gloria Michelle on VHF channels 13 or 16 to determine the updated daily schedule. In the event of a delay due to weather, we will resume our schedule as soon as working conditions are safe. Station location information can also be accessed at the [DMF website](#).

The DMF Director is prepared to attach restrictions to permit renewals (under 322 CMR 7.01 (7)) mandating that fixed gear not be set on designated trawl survey sites for the announced dates. It remains our hope that this action will be unnecessary.

Personnel aboard the NOAA R/V Gloria Michelle (65' western rigged steel stern trawler with a blue hull and white deckhouse) will carefully check each site for marked gear by cruising along a selected tow path at least once before the net is set. Undertaken at 2.5 knots, twenty-minute tows cover approximately 0.8 n mi., generally along a depth contour. We encourage communicating helpful information to the R/V officers (via channels 13 or 16).

Sincerely,

Jeremy King
Resource Assessment Project Leader

CC: Paul Diodati

**Massachusetts Division of Marine Fisheries May 2007 Spring Trawl Survey Station
Locations Massachusetts Bay to New Hampshire**

Area	General Description	Depth	Range of Dates	Center of Tow Area			Sta. ID#
				Latitude	Longitude	Loran	
Cape Ann and North	Coffin's Beach	0 - 30	May 12 - 14	42°40.31	70° 41.7413819.9	44363.3	5-1
	Castle Neck	0 - 30	May 12 - 14	42°41.31	70° 43.8513828.2	44372.5	5-2
	NE of Great Neck, Ipswich	31 - 60	May 12 - 14	42°43.17	70° 44.6113821.5	44383.6	5-3
	Mouth of Plum Island Sound	31 - 60	May 12 - 14	42°41.93	70° 43.1413839.5	44374.7	5-4
	E of Newbury	61 - 90	May 12 - 14	42°46.69	70° 44.7913805.5	44402.0	5-5
	NE of Castle Neck	61 - 90	May 12 - 14	42°42.95	70° 42.3413809.5	44377.5	5-6
	E of Plum Island Sound	61 - 90	May 12 - 14	42°44.35	70° 44.5913817.0	44390.0	5-7
	NNW of Lanesville	91 - 120	May 12 - 14	42°42.99	70° 39.7913792.8	44373.1	5-8
	Salisbury Beach	91 - 120	May 12 - 14	42°50.25	70° 45.1013788.6	44422.0	5-9
	E of Rockport	91 - 120	May 11 - 13	42°39.64	70° 33.2013768.0	44343.4	5-10
	N of Folly Cove	121 - 180	May 12 - 14	42°43.53	70° 38.0913779.0	44373.5	5-11
	E of Eastern Point	121 - 180	May 11 - 13	42°35.42	70° 35.1613803.3	44324.5	5-12
	NE of Flat Ground	121 - 180	May 12 - 14	42°41.66	70° 34.1013764.4	44354.8	5-13
	NE of Halibut Point	181 +	May 12 - 14	42°43.86	70° 36.1113765.3	44370.5	5-14

	NE of Pigeon Cove	181 +	May 12 - 14	42°42.88	70°	33.3213753.4\44360.2	5-15
Massachusetts	Nahant Bay	0 - 30	May 10 - 12	42°26.86	70°	55.6213978.4\44316.4	5-16
Bay	Nantasket Beach	0 - 30	May 9 - 11	42°16.79	70°	51.3514000.6\44249.8	5-17
	Stellwagen Ledges	31 - 60	May 9 - 11	42°14.08	70°	44.2113968.0\44221.0	5-18
	Nantasket Beach	31 - 60	May 9 - 11	42°17.17	70°	51.3713999.3\44251.8	5-19
	E of Harding Ledge	31 - 60	May 9 - 11	42°18.11	70°	49.8213984.0\44254.2	5-20
	E of Harding Ledge	61 - 90	May 9 - 11	42°18.58	70°	48.2813972.3\44254.3	5-21
	Off Littles Point, Swampscott	61 - 90	May 10 - 12	42°27.01	70°	52.4513957.0\44310.5	5-22
	S of Outer Breakers	91 - 120	May 10 - 12	42°26.93	70°	50.1413942.4\44305.5	5-23
	S of Halfway Rock	91 - 120	May 11 - 13	42°28.63	70°	46.3413909.2\44302.9	5-24
	S of Middle Ground	91 - 120	May 11 - 13	42°32.69	70°	43.3113869.0\44324.7	5-25
	E of Eastern Point	121 - 180	May 11 - 13	42°34.37	70°	36.1413813.7\44322.7	5-26
	Outer Massachusetts Bay	121 - 180	May 10 - 12	42°22.35	70°	41.6113910.7\44264.0	5-27
	Outer Massachusetts Bay	121 - 180	May 10 - 12	42°19.33	70°	42.3313930.5\44243.0	5-28
	Outer Massachusetts Bay	181 +	May 10 - 12	42°25.55	70°	39.3813880.5\44277.6	5-29
	Outer Massachusetts Bay	181 +	May 13 - 15	42°29.28	70°	37.5913850.2\44295.0	5-30

* Loran coordinates are plotted on NOAA paper charts. Please refer to Lat/Long for greater accuracy.

Massachusetts Division of Marine Fisheries May 2007 Spring Trawl Survey Station Locations Cape Cod Bay

Area Description	General Description	Depth	Range of Dates	Center of Tow Area			Sta. ID#
				Latitude	Longitude	Loran	
Western	Humarock	0 - 30	May 9 -	42°8.22	70°40.96	13975.5\44180.8	4-1

Cape Cod Bay	Off Ellisville Harbor	0 - 30	11 May 7 - 16	41°49.73	70° 31.06	13999.4\44053	4-2
	Sandy Neck	0 - 30	May 7 - 16	41°44.48	70° 19.33	13951.9\44003.3	4-3
	East End of Cape Cod Canal	31 - 60	May 7 - 16	41°47.94	70° 28.33	13990.7\44037.8	4-4
	E of Ellisville	31 - 60	May 7 - 16	41°50.98	70° 29.63	13985.3\44058.5	4-5
	N of Barnstable Harbor	31 - 60	May 7 - 16	41°46.66	70° 16.90	13928.3\44012.7	4-6
	N of Barnstable Harbor	61 - 90	May 7 - 16	41°47.50	70° 17.52	13928.2\44018.7	4-7
	Cape Cod Bay	61 - 90	May 7 - 16	41°50.86	70° 18.97	13921.0\44041.2	4-8
	E of Manomet	61 - 90	May 7 - 16	41°54.70	70° 29.62	13968.2\44081.1	4-9
	E of Manomet	91 - 120	May 7 - 16	41°54.69	70° 25.62	13943.9\44074.5	4-10
	Cape Cod Bay	91 - 120	May 7 - 16	41°52.10	70° 20.86	13927.2\44051.5	4-11
	E of Brant Rock	91 - 120	May 9 - 11	42°5.75	70° 32.41	13934.1\44152.0	4-12
	E of Brant Rock	121 - 180	May 9 - 11	42°5.95	70° 31.12	13925.3\44150.8	4-13
	NW of Fishing Ledge	121 - 180	May 7 - 16	41°59.55	70° 24.20	13913.6\44101.7	4-14
	NW of Fishing Ledge	121 - 180	May 7 - 16	41°58.16	70° 22.68	13910.8\44090.8	4-15
	Eastern Cape Cod Bay	NW of Rock Harbor	0 - 30	May 7 - 16	41°48.79	70° 3.01	13837.0\44004.9
Billingsgate Shoal		0 - 30	May 7 - 16	41°50.48	70° 9.55	13867.3\44024.9	4-17
N of Barnstable Harbor		31 - 60	May 7 - 16	41°49.53	70° 13.95	13898.0\44026.0	4-18
W of Great Island, Wellfleet		31 - 60	May 7 - 16	41°54.10	70° 7.89	13841.0\44043.8	4-19
W of Great Island, Wellfleet		61 - 90	May 7 - 16	41°53.30	70° 10.61	13861.1\44043.0	4-20
E of Wood End		61 - 90	May 7 - 16	42°1.19	70° 8.66	13812.2\44086.5	4-21
E of Fishing Ledge		91 - 120	May 7 - 16	41°56.24	70° 12.12	13856.1\44063.0	4-22
E of Fishing Ledge		91 - 120	May 7 - 16	41°56.71	70° 15.09	13871.8\44070.1	4-23

NNW of Fishing Ledge	121 - 180	May 7 - 16	42°0.28	70° 22.00	13896.6\44102.0	4-24
WSW of Wood End	121 - 180	May 7 - 16	42°0.44	70° 15.92	13859.0\44093.1	4-25
NW of Race Pt.	181 +	May 7 - 16	42°6.47	70° 21.38	13863.0\44137.4	4-26
W of Race Pt.	181 +	May 7 - 16	42°4.19	70° 20.00	13865.8\44123.0	4-27
NW of Race Pt.	181 +	May 7 - 16	42°6.52	70° 19.17	13849.4\44134.2	4-28

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Massachusetts Division of Marine Fisheries May 2007 Spring Trawl Survey Station Locations East of Cape Cod

Area Description	General Description	Depth	Range of Dates	Center of Tow Area			Sta. ID#
				Latitude	Longitude	Loran	
East of Cape Cod	E of Wellfleet	0 - 30	May 15 - 18	41°55.68	69° 58.45	13778.2\44038.9	3-1
	N of Highland Light	0 - 30	May 15 - 17	42°3.08	70° 3.92	13775.2\44089.8	3-2
	Nauset Beach, Eastham	31 - 60	May 15 - 18	41°52.48	69° 56.42	13781.3\44017.0	3-3
	SE of Highland Light	31 - 60	May 15 - 17	42°2.00	70° 1.91	13768.5\44080.8	3-4
	E of Monomoy	31 - 60	May 16 - 18	41°35.19	69° 54.82	13851.2\43910.4	3-5
	E of Pleasant Bay	61 - 90	May 16 - 18	41°44.03	69° 51.99	13794.8\43960.2	3-6
	E of Chatham Inlet	61 - 90	May 16 - 18	41°40.25	69° 52.05	13812.9\43937.8	3-7
	N of Peaked Hill Bar	91 - 120	May 7 - 16	42°6.01	70° 8.72	13789.0\44114.7	3-8
	NE of Highland Light	91 - 120	May 15 - 17	42°3.89	70° 1.72	13758.0\44091.5	3-9
	E of Nauset Harbor	91 - 120	May 16 - 18	41°48.14	69° 53.22	13783.4\43986.5	3-10
	E of Nauset Harbor	121 - 180	May 16 - 18	41°49.73	69° 52.86	13774.0\43995.6	3-11
	N of Highland Light	121 - 180	May 15 - 17	42°5.26	70° 2.65	13757.0\44100.8	3-12

NNE of Race 121 - May 7 - 42° 6.52 70° 13.44 13815.0\44125.0 3-13
Pt. 180 16

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**Massachusetts
Division of Marine Fisheries
Resource Assessment Project
Spring Bottom Trawl Survey
Planned Tows : May 2007
Massachusetts Bay to
New Hampshire**



