



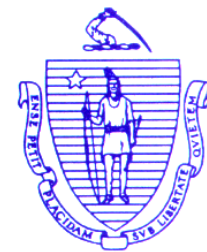
Paul J. Diodati
Director

Commonwealth of Massachusetts

Division of Marine Fisheries

1213 Purchase St. 3rd Floor
New Bedford, MA 02740

(508)990-2860
fax (508)990-0449



Deval Patrick
Governor

Timothy P. Murray
Lt. Governor

Richard K. Sullivan, Jr.
Secretary

Mary B. Griffin
Commissioner

July 17, 2012

To Fixed-gear Fishermen of Massachusetts:

The Massachusetts Division of Marine Fisheries (*Marine Fisheries*) will be conducting a trawl survey throughout state coastal waters beginning September 4, 2012. We have been conducting these surveys each May and September since 1978 to provide a consistent sampling of benthic fishes and mobile invertebrates of Massachusetts coastal waters. Our survey data is used in a variety of important ways to determine the condition of fish stocks, to evaluate how construction activities affect fishing and the environment, and how best to manage fisheries and to protect fishery resources to name just a few. Maintaining access to the planned sampling sites is critical to the integrity of the survey.

Please review the attached table of station locations and the accompanying figures which plot the sample sites from north of Cape Ann to east of Cape Cod. **We must insist 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.** While we will make every attempt to complete stations during the assigned period and to minimize inconvenience to fixed gear fishermen, *Marine Fisheries* 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.

In the event of a delay due to weather, we will resume our schedule as soon as working conditions permit. Fishermen can contact the R/V Gloria Michelle on VHF channels 13 or 16 to determine the updated daily schedule. Station location information can also be accessed at our website (<http://www.mass.gov/dfwele/dmf/programsandprojects/resource.htm>).

Personnel aboard the NOAA R/V Gloria Michelle, a 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. Twenty-minute tows undertaken at 2.5 knots cover approximately 0.8 nautical miles. We encourage communicating helpful information to the R/V officers (via channels 13 or 16).

Sincerely,

Jeremy King
Senior Marine Fisheries Biologist

Cc. Paul Diodati, Director

Massachusetts Division of Marine Fisheries
September 2012 Fall Trawl Survey Station Locations
Massachusetts Bay to New Hampshire

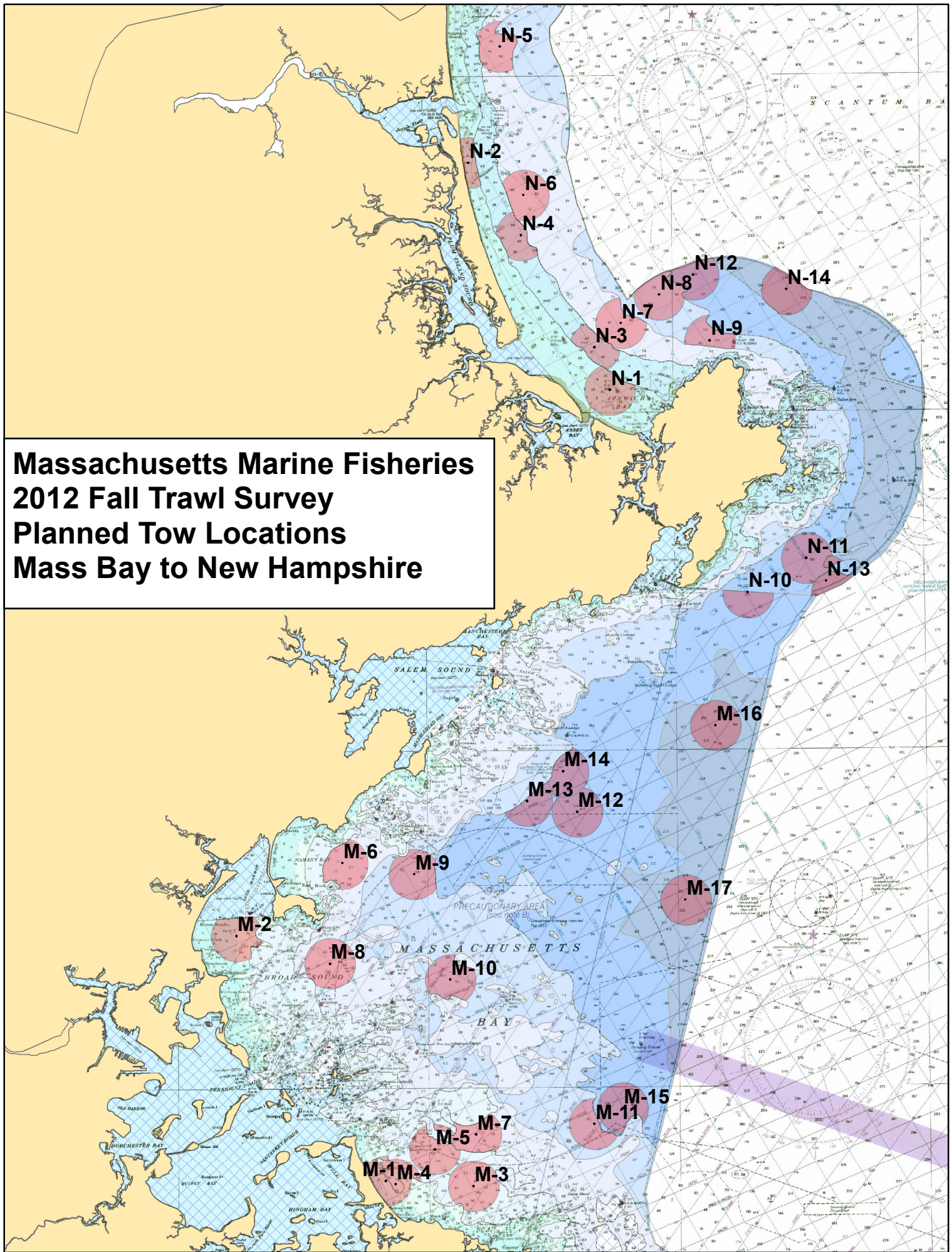
* Loran coordinates taken from NOAA paper charts.
Please refer to Lat/Long for best accuracy.

Area Description	Depth	Range of Dates	Latitude	Longitude	Loran	Sta. ID#
Cape Ann and North	0 to 30	Sept 8-11	42°40.66	-70°42.54	13822.5 / 44366.2	N-1
	0 to 30	Sept 8-11	42°47.42	-70°48.15	13822.8 / 44412.6	N-2
	31 to 60	Sept 8-11	42°41.93	-70°43.14	13819.5 / 44374.1	N-3
	31 to 60	Sept 8-11	42°45.27	-70°46.04	13820.5 / 44397.2	N-4
	61 to 90	Sept 8-11	42°50.86	-70°46.84	13795.4 / 44427.6	N-5
	61 to 90	Sept 8-11	42°46.45	-70°45.93	13813.2 / 44403.1	N-6
	61 to 90	Sept 8-11	42°42.64	-70°42.07	13808.9 / 44375.8	N-7
	91 to 120	Sept 8-11	42°43.47	-70°40.52	13794.3 / 44377.1	N-8
	91 to 120	Sept 8-11	42°42.10	-70°38.50	13788.7 / 44366.1	N-9
	121 to 180	Sept 7-11	42°34.63	-70°37.08	13819.5 / 44323.8	N-10
	121 to 180	Sept 7-11	42°35.62	-70°34.71	13799.0 / 44324.6	N-11
	121 to 180	Sept 8-11	42°44.05	-70°39.14	13782.0 / 44377.7	N-12
	181+	Sept 8-11	42°34.94	-70°33.92	13797.7 / 44319.6	N-13
	181+	Sept 8-11	42°43.59	-70°35.40	13760.5 / 44368.3	N-14
Massachusetts Bay	0 to 30	Sept 6-9	42°17.27	-70°51.77	14000.9 / 44253.4	M-1
	0 to 30	Sept 7-9	42°24.56	-70°57.66	14003.2 / 44306.4	M-2
	31 to 60	Sept 6-9	42°17.10	-70°48.27	13979.1 / 44246.0	M-3
	31 to 60	Sept 6-9	42°17.17	-70°51.37	13998.9 / 44252.2	M-4
	31 to 60	Sept 6-9	42°18.19	-70°49.80	13983.8 / 44255.1	M-5
	61 to 90	Sept 7-9	42°26.69	-70°53.41	13964.9 / 44310.5	M-6
	61 to 90	Sept 6-9	42°18.63	-70°48.15	13971.0 / 44254.7	M-7
	61 to 90	Sept 7-9	42°23.72	-70°53.94	13983.0 / 44294.6	M-8
	91 to 120	Sept 7-9	42°26.35	-70°50.54	13948.1 / 44302.9	M-9
	91 to 120	Sept 7-9	42°23.22	-70°49.12	13954.6 / 44282.5	M-10
	91 to 120	Sept 6-9	42°18.91	-70°43.42	13939.7 / 44247.7	M-11
	121 to 180	Sept 7-11	42°28.17	-70°44.00	13896.8 / 44300.6	M-12
	121 to 180	Sept 7-11	42°28.50	-70°46.01	13908.0 / 44306.2	M-13
	121 to 180	Sept 7-11	42°29.37	-70°44.54	13894.1 / 44308.3	M-14
	121 to 180	Sept 6-9	42°19.37	-70°42.29	13930.2 / 44248.2	M-15
	181+	Sept 7-12	42°30.69	-70°38.43	13848.3 / 44304.3	M-16
	181+	Sept 7-12	42°25.52	-70°39.69	13882.9 / 44278.4	M-17

Massachusetts Division of Marine Fisheries
September 2012 Fall Trawl Survey Station Locations
Cape Cod Bay and East of Cape Cod.

* Loran coordinates taken from NOAA paper charts.
Please refer to Lat/Long for best accuracy.

Area Description	Depth	Range of Dates	Latitude	Longitude	Loran	Sta. ID#
Western Cape Cod Bay	0 to 30	Sept 6-8	42°08.69	-70°41.21	13975.0 / 44184.3	C-1
	0 to 30	Sept 4-7	41°44.99	-70°16.85	13935.4 / 44002.1	C-2
	0 to 30	Sept 4-8	41°57.64	-70°36.32	13995.8 / 44109.8	C-3
	31 to 60	Sept 4-7	41°45.91	-70°18.10	13938.9 / 44009.7	C-4
	31 to 60	Sept 4-7	41°47.63	-70°13.76	13905.3 / 44013.7	C-5
	31 to 60	Sept 4-7, 11-13	41°51.24	-70°30.07	13986.5 / 44060.6	C-6
	31 to 60	Sept 4-7	41°46.29	-70°20.91	13953.6 / 44016.4	C-7
	61 to 90	Sept 4-7	41°48.72	-70°15.94	13913.2 / 44023.7	C-8
	61 to 90	Sept 4-7, 11-13	41°51.93	-70°27.47	13967.6 / 44060.8	C-9
	61 to 90	Sept 4-7	41°47.99	-70°19.00	13934.6 / 44023.7	C-10
	61 to 90	Sept 4-8	41°56.94	-70°31.59	13970.0 / 44097.9	C-11
	91 to 120	Sept 4-7, 10-13	41°54.36	-70°25.27	13943.2 / 44072.1	C-12
	91 to 120	Sept 4-7, 11-13	41°51.95	-70°19.68	13920.7 / 44048.7	C-13
	91 to 120	Sept 4-8	41°58.00	-70°30.44	13958.0 / 44102.2	C-14
	121 to 180	Sept 4-7, 10-13	41°58.80	-70°26.30	13929.2 / 44100.2	C-15
	121 to 180	Sept 10-13	41°58.40	-70°22.88	13910.1 / 44092.3	C-16
	121 to 180	Sept 10-13	42°05.38	-70°29.89	13920.6 / 44145.4	C-17
Eastern Cape Cod Bay	0 to 30	Sept 11-14	42°02.20	-70°06.55	13794.5 / 44089.0	C-18
	0 to 30	Sept 4-7	41°48.77	-70°03.34	13839.2 / 44005.0	C-19
	31 to 60	Sept 4-7	41°49.09	-70°08.40	13867.3 / 44014.4	C-20
	31 to 60	Sept 11-14	41°58.34	-70°06.55	13813.0 / 44066.5	C-21
	31 to 60	Sept 10-13	41°53.85	-70°07.45	13839.5 / 44041.5	C-22
	61 to 90	Sept 11-14	42°01.85	-70°08.39	13807.0 / 44089.9	C-23
	61 to 90	Sept 11-14	41°58.87	-70°08.85	13824.0 / 44073.2	C-24
	61 to 90	Sept 10-13	41°54.71	-70°08.95	13844.3 / 44048.8	C-25
	91 to 120	Sept 11-14	41°57.59	-70°11.40	13845.2 / 44069.6	C-26
	91 to 120	Sept 10-13	41°55.93	-70°17.43	13889.0 / 44069.1	C-27
	91 to 120	Sept 10-13	41°54.98	-70°12.64	13864.8 / 44056.0	C-28
	121 to 180	Sept 10-14	42°02.05	-70°22.28	13889.5 / 44113.0	C-29
	121 to 180	Sept 10-14	41°59.73	-70°13.28	13846.4 / 44085.0	C-30
	121 to 180	Sept 10-14	41°58.04	-70°15.38	13866.8 / 44078.4	C-31
	181+	Sept 10-14	42°05.73	-70°18.72	13850.7 / 44128.9	C-32
	181+	Sept 10-14	42°05.69	-70°22.19	13872.0 / 44134.3	C-33
	181+	Sept 10-14	42°03.82	-70°20.64	13871.5 / 44120.7	C-34
East of Cape Cod	0 to 30	Sept 12-15	41°55.54	-69°58.05	13776.5 / 44037.4	B-1
	0 to 30	Sept 12-15	42°04.02	-70°05.63	13780.8 / 44097.8	B-2
	31 to 60	Sept 12-15	41°59.22	-69°59.63	13768.2 / 44061.1	B-3
	31 to 60	Sept 13-15	41°37.14	-69°55.00	13843.7 / 43922.8	B-4
	31 to 60	Sept 12-15	41°52.52	-69°56.43	13781.2 / 44017.0	B-5
	61 to 90	Sept 12-15	41°50.66	-69°55.11	13782.5 / 44004.4	B-6
	61 to 90	Sept 13-15	41°42.76	-69°52.76	13805.5 / 43953.8	B-7
	91 to 120	Sept 12-15	41°49.60	-69°53.29	13777.0 / 43995.4	B-8
	91 to 120	Sept 12-14	42°06.15	-70°09.96	13796.2 / 44117.0	B-9
	91 to 120	Sept 12-15	41°47.97	-69°52.73	13781.3 / 44985.0	B-10
	121 to 180	Sept 12-15	42°05.53	-70°02.02	13751.5 / 44101.0	B-11
	121 to 180	Sept 12-14	42°05.75	-70°13.46	13819.2 / 44120.4	B-12
	121 to 180	Sept 12-14	42°07.33	-70°13.45	13811.2 / 44129.4	B-13



**Massachusetts Marine Fisheries
2012 Fall Trawl Survey
Planned Tow Locations
Mass Bay to New Hampshire**

