



Paul J. Diodati
Director

Commonwealth of Massachusetts
Division of Marine Fisheries
251 Causeway Street, Suite 400
Boston, MA 02114
(617) 626.1520
Fax (617) 626.1509



March 27, 2006
Marine Fisheries Advisory

**SPRING RESOURCE ASSESSMENT SURVEY TO BEGIN MAY 8TH –
MARINE FISHERIES REQUESTS FISHERMEN'S COOPERATION**

The Division of Marine Fisheries (*Marine Fisheries*) will commence its semi-annual resource assessment trawl survey on May 8th. The survey, conducted in the spring and fall, provides information for many uses including stock assessments and environmental reviews. It is critical to the integrity of the survey that *Marine Fisheries* maintain access to sampling sites.

Marine Fisheries asks that all fixed gear fishermen review the attached table of station location details, which plot the locations of all selected sample sites from north of Cape Ann to Cape Cod. Further details including charts of the station locations are available on the *Marine Fisheries* website: www.mass.gov/marinefisheries. *Marine Fisheries* requests that all fixed gear be kept clear of a 1.5 nautical mile diameter circle surrounding station locations for the indicated periods.

Marine Fisheries 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. 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. We encourage communicating helpful information to the R/V officers (via channels 13 or 16).

As reported in the past, *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 dates stipulated. It remains our hope that this action will be unnecessary.

For further information please contact *Marine Fisheries* at 617.626.1520 or visit our website at: www.mass.gov/marinefisheries.

SPRING 2006 RESOURCE ASSESSMENT TRAWL SURVEY

The Marine Fisheries 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.

As reported in the past, 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 dates stipulated. 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).

Massachusetts Division of Marine Fisheries - 2006 Spring Trawl Survey Station Locations
Massachusetts Bay to New Hampshire

Area Description	General Description	Depth	Range of	Center of Tow Area		
			Dates	Latitude	Longitude	Loran
Cape Ann and North	Mouth of Plum Island Sound	0-30'	13 -14 May	42°42.53	70°44.48	13826.1 \ 44381.1
	Coffin's Beach Essex MA	0-30'	13 -14 May	42°40.50	70°42.02	13821.0 \ 44365.6
	N End of Plum Island	31-60'	13 -14 May	42°47.43	70°47.75	13820.9 \ 44412.9
	NE of Ipswich Light	31-60'	13 -14 May	42°41.93	70°43.13	13820.6 \ 44375.3
	Breaking Rocks off Salisbury MA	61-90'	13 -14 May	42°51.21	70°47.02	13795.3 \ 44430.9
	SE of Merrimack Breakwater	61-90'	13 -14 May	42°46.05	70°44.33	13805.7 \ 44399.1
	Ipswich Bay	61-90'	13 -14 May	42°43.19	70°42.50	13809.6 \ 44380.8
	E of Merrimack River Breakwater	91-120'	13 -14 May	42°49.68	70°44.92	13790.1 \ 44419.1
	NW of Folly Cove	91-120'	13 -14 May	42°43.13	70°40.86	13799.2 \ 44377.3
	N of Folly Cove	91-120'	13 -14 May	42°42.20	70°38.82	13791.3 \ 44368.6
	N of Folly Cove	121-180'	13 -14 May	42°43.50	70°39.03	13785.6 \ 44375.9
	NE of Flat Ground	121-180'	13 -14 May	42°41.48	70°33.95	13763.8 \ 44355.6
	NE of Halibut Point	181' +	13 -14 May	42°44.39	70°36.30	13763.1 \ 44375.3
	NNE of Dry Salvages	181' +	13 -14 May	42°42.60	70°32.33	13747.5 \ 44358.5
Massachusetts Bay	Inner Nahant Bay	0-30'	11 - 12 May	42°26.96	70°55.05	13975.4 \ 44316.5
	Nantasket Beach	0-30'	10 - 11 May	42°16.72	70°51.54	14003.1 \ 44251.5
	Inner Nahant Bay	31-60'	11 - 12 May	42°27.16	70°54.27	13969.3 \ 44316.1
	Broad Sound	31-60'	11 - 12 May	42°24.40	70°55.81	13993.1 \ 44303.4
	Nantasket Beach	31-60'	10 - 11 May	42°17.17	70°51.37	13999.9 \ 44253.9
	Outer Nahant Bay	61-90'	11 - 12 May	42°26.48	70°53.21	13966.0 \ 44310.2
	E of Harding Ledge	61-90'	10 - 11 May	42°18.34	70°48.23	13974.1 \ 44254.9
	Middle Ground S of Magnolia	91-120'	12 - 15 May	42°32.70	70°43.31	13870.2 \ 44326.2
	SSE of Halfway Rock	91-120'	11 - 12 May	42°28.76	70°46.06	13908.1 \ 44309.7
	SE of SW Breakers	91-120'	11 - 12 May	42°26.65	70°50.29	13946.1 \ 44305.7
	E of Eastern Point Gloucester	121-180'	12 - 15 May	42°35.00	70°36.19	13812.7 \ 44325.3
	SE of Great Pig Rocks	121-180'	11 - 12 May	42°26.88	70°48.79	13935.3 \ 44304.2
	Dumping Grounds	121-180'	12 - 15 May	42°22.08	70°41.73	13914.2 \ 44264.3
	Dumping Grounds	121-180'	12 - 15 May	42°19.97	70°42.96	13932.5 \ 44254.6
	SE of Eastern Point Gloucester	181' +	12 - 15 May	42°31.99	70°37.50	13836.9 \ 44311.5
	SE of Saturday Night Ledge	181' +	12 - 15 May	42°29.63	70°39.48	13861.6 \ 44302.3

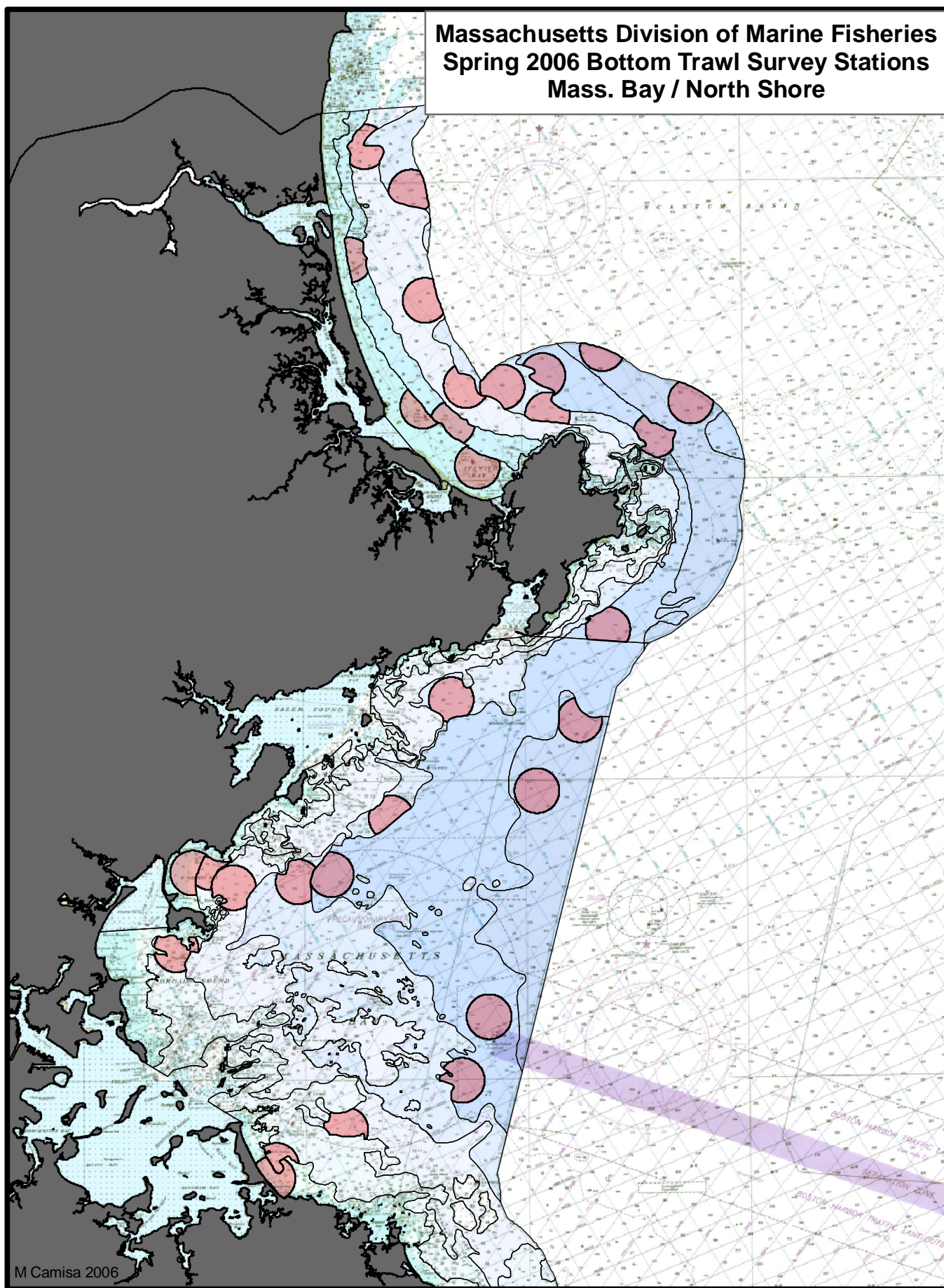
* Loran coordinates converted by plotter software without local correction factor.
Please refer to Lat/Long. For best accuracy.

Massachusetts Division of Marine Fisheries - 2006 Spring Trawl Survey Station Locations
Cape Cod Bay - East of Cape Cod

Area Description	General Description	Depth	Range of	Center of Tow Area		
			Dates	Latitude	Longitude	Loran
Cape Cod Bay	Humarock	0-30'	10 - 11 May	42°08.94	70°41.38	13976.1 \ 44187.9
	Duxbury Beach	0-30'	10 - 11 May	42°02.23	70°37.38	13982.7 \ 44141.2
	East Sandwich Beach	0-30'	8 - 17 May	41°45.73	70°27.85	13999.3 \ 44025.4
	Humarock	31-60'	10 - 11 May	42°08.41	70°40.47	13972.9 \ 44183.2
	E of Sagamore Beach	31-60'	8 - 17 May	41°49.17	70°27.71	13983.1 \ 44046.5
	E of Sagamore Beach	31-60'	8 - 17 May	41°47.90	70°27.93	13990.1 \ 44039.0
	E of Elllisville	61-90'	8 - 17 May	41°51.55	70°28.37	13976.4 \ 44062.0
	Cape Cod Bay	61-90'	8 - 17 May	41°49.37	70°20.86	13941.1 \ 44037.0
	Cape Cod Bay	61-90'	8 - 17 May	41°51.20	70°16.73	13908.1 \ 44041.7
	E of Manomet Plymouth	91-120'	8 - 17 May	41°55.18	70°25.14	13940.4 \ 44078.8
	SW of Fishing Ledge	91-120'	8 - 17 May	41°54.49	70°20.24	13914.0 \ 44067.0
	Cape Cod Bay	91-120'	8 - 17 May	41°52.05	70°22.73	13940.3 \ 44056.2
	E of Brant Rock	121-180'	8 - 17 May	42°04.70	70°28.10	13913.8 \ 44140.4
	ENE of Rocky Point Plymouth	121-180'	8 - 17 May	41°58.67	70°27.55	13938.8 \ 44103.8
	E of Brant Rock	121-180'	8 - 17 May	42°05.03	70°31.80	13935.2 \ 44148.6
	W of Target Ship	0-30'	8 - 17 May	41°49.67	70°06.10	13852.3 \ 44016.6
	NW of Billingsgate	0-30'	8 - 17 May	41°50.52	70°09.79	13870.4 \ 44027.2
	Billingsgate Bell	31-60'	8 - 17 May	41°48.85	70°12.08	13891.4 \ 44020.6
	W of Griffin Island Wellfleet	31-60'	8 - 17 May	41°56.16	70°07.90	13832.8 \ 44057.9
	W of Griffin Island Wellfleet	61-90'	8 - 17 May	41°56.19	70°08.65	13837.2 \ 44059.1
	W of Corn Hill Truro	61-90'	8 - 17 May	41°59.58	70°08.02	13817.4 \ 44078.1
	Cape Cod Bay	91-120'	8 - 17 May	41°52.81	70°14.01	13884.7 \ 44047.3
	SSE of Fishing Ledge	91-120'	8 - 17 May	41°53.91	70°16.71	13895.6 \ 44058.1
	NW of Fishing Ledge	121-180'	8 - 17 May	41°57.21	70°19.56	13897.5 \ 44082.1
	SW of Wood End	121-180'	8 - 17 May	41°59.81	70°14.27	13853.6 \ 44089.3
	SW of Race Point	181' +	8 - 17 May	42°02.71	70°16.78	13854.8 \ 44110.2
	NW of Race Point	181' +	8 - 17 May	42°06.12	70°17.18	13840.8 \ 44130.8
	Cape Cod Bay	181' +	8 - 17 May	42°06.73	70°21.29	13862.5 \ 44141.0
East of Cape Cod	Newcomb Hollow	0-30'	16 - 18 May	41°58.75	70°00.23	13775.6 \ 44061.3
	S of Marconi Station	0-30'	17 - 19 May	41°53.26	69°57.07	13783.4 \ 44024.6
	E of Peaked Hill Bar	31-60'	16 - 18 May	42°04.74	70°06.62	13784.3 \ 44105.8
	E of Nauset Harbor	31-60'	17 - 19 May	41°48.04	69°54.74	13794.3 \ 43990.4
	E of Pleasant Bay	31-60'	17 - 19 May	41°43.39	69°53.59	13809.2 \ 43960.9
	NE of Nauset Light	61-90'	17 - 19 May	41°52.70	69°55.41	13776.4 \ 44018.8
	E of Pleasant Bay	61-90'	17 - 19 May	41°42.91	69°51.76	13801.0 \ 43955.6
	Peaked Hill Bar	91-120'	16 - 18 May	42°06.01	70°10.44	13800.6 \ 44119.3
	NE of Highland Light	91-120'	16 - 18 May	42°03.25	70°01.22	13759.8 \ 44088.8
	E of Nauset Harbor	91-120'	17 - 19 May	41°49.11	69°53.34	13781.5 \ 43944.6
	N of Race Point	121-180'	16 - 18 May	42°05.26	70°14.10	13826.3 \ 44120.7
	N of Provincetown	121-180'	16 - 18 May	42°07.11	70°13.84	13815.8 \ 44131.1
	E of Nauset Harbor	121-180'	17 - 19 May	41°49.48	69°52.42	13774.6 \ 43995.5

* Loran coordinates converted by plotter software without local correction factor.
Please refer to Lat/Long. For best accuracy.

**Massachusetts Division of Marine Fisheries
Spring 2006 Bottom Trawl Survey Stations
Mass. Bay / North Shore**



Massachusetts Division of Marine Fisheries
Spring 2006 Bottom Trawl Survey Stations
Cape Cod Bay / East of Cape Cod

