



The Commonwealth of Massachusetts

Division of Marine Fisheries

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www.mass.gov/marinefisheries



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Director

March 1, 2022

Fixed Gear Fishermen of Massachusetts,

MarineFisheries will be conducting its annual spring trawl survey throughout state coastal waters beginning May 9, 2022. Surveys have been conducted each May and September since 1978 to provide a consistent sampling of benthic fishes and mobile invertebrates. Survey data is used to monitor the condition of fish stocks, as well as to inform the environmental review process that minimizes construction impacts on fisheries resources. 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. Station location information can also be accessed on our website (<http://www.mass.gov/eea/agencies/dfg/dmf/programs-and-projects/resource-assessment-surveys-project.html>). **We kindly ask for your cooperation and 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 until station completion.** While we will make every attempt to complete stations during the assigned period to minimize inconvenience to fixed gear fishermen, *MarineFisheries* 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.

Sign-up to receive text notifications of trawl survey progress on the *MarineFisheries* website (<http://www.mass.gov/dmf/trawlsurvey>). A daily updated list of completed survey stations will be sent via text, and posted on the *MarineFisheries* website and on Twitter (handle: @MassDMF). The Massachusetts Lobstermen's Association will also post survey information on their webpage (<http://www.lobstermen.com>), as well as on Facebook (username: lobstermensassoc) and Twitter (handle: @masslobstermens).

In the event of a delay due to weather, the schedule will be resumed 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.

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 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).

Your cooperation is greatly appreciated and is vital to the effective monitoring of marine resources in the Commonwealth. If you have any questions about the survey, please contact me (mark.szymanski@mass.gov , (508) 742-9743). *If you have any questions about the [Marine Fisheries website](#), Facebook, or Twitter, please contact Story Reed (story.reed@mass.gov , 617- 626-1524).*

Sincerely,

A handwritten signature in blue ink that reads "Mark Szymanski".

Mark Szymanski
Marine Fisheries Biologist

Cc. Dan McKiernan, Director

Massachusetts Division of Marine Fisheries
 May 2022 Spring Trawl Survey Station Locations
 Massachusetts Bay to New Hampshire

*Note Latitude/Longitude is in decimal degrees

Area Description	Depth	Range of Dates	Latitude	Longitude	Sta. ID#
Cape Ann and North	0-30'	May 13-14	42.6977	-70.7330	31-1
	0-30'	May 13-14	42.7223	-70.7683	31-2
	31'-60'	May 13-14	42.7040	-70.7304	32-1
	31'-60'	May 13-14	42.6883	-70.6834	32-2
	61'-90'	May 13-14	42.8488	-70.7836	33-1
	61'-90'	May 13-14	42.7141	-70.6994	33-2
	61'-90'	May 13-14	42.8274	-70.7741	33-3
	91'-120'	May 13-14	42.8440	-70.7523	34-1
	91'-120'	May 13-14	42.7132	-70.6525	34-2
	91'-120'	May 13-14	42.6998	-70.6132	34-3
	121'-180'	May 13-14	42.6660	-70.5448	35-1
	121'-180'	May 13-14	42.7091	-70.6283	35-2
	121'-180'	May 13-14	42.7376	-70.6492	35-3
	181'+	May 13-14	42.6617	-70.5310	36-1
	181'+	May 13-14	42.7166	-70.5499	36-2
Massachusetts Bay	0-30'	May 12	42.4498	-70.9185	31-4
	0-30'	May 12	42.4098	-70.9580	31-5
	31'-60'	May 12	42.4105	-70.9368	32-4
	31'-60'	May 11	42.3035	-70.8320	32-5
	31'-60'	May 12	42.4491	-70.9078	32-6
	61'-90'	May 12	42.3889	-70.8987	33-5
	61'-90'	May 12	42.4459	-70.8793	33-6
	61'-90'	May 11	42.3095	-70.8038	33-7
	91'-120'	May 12-15	42.5457	-70.7274	34-5
	91'-120'	May 12	42.4471	-70.8352	34-6
	91'-120'	May 12	42.3888	-70.8203	34-7
	121'-180'	May 12-15	42.5012	-70.7100	35-5
	121'-180'	May 12	42.4576	-70.8125	35-6
	121'-180'	May 12-15	42.4778	-70.6849	35-7
	181'+	May 12-15	42.4877	-70.6597	36-4
	181'+	May 12-15	42.4122	-70.6702	36-5

Massachusetts Division of Marine Fisheries
 May 2022 Spring Trawl Survey Station Locations
 Cape Cod Bay and East of Cape Cod.

*Note Latitude/Longitude is in decimal degrees

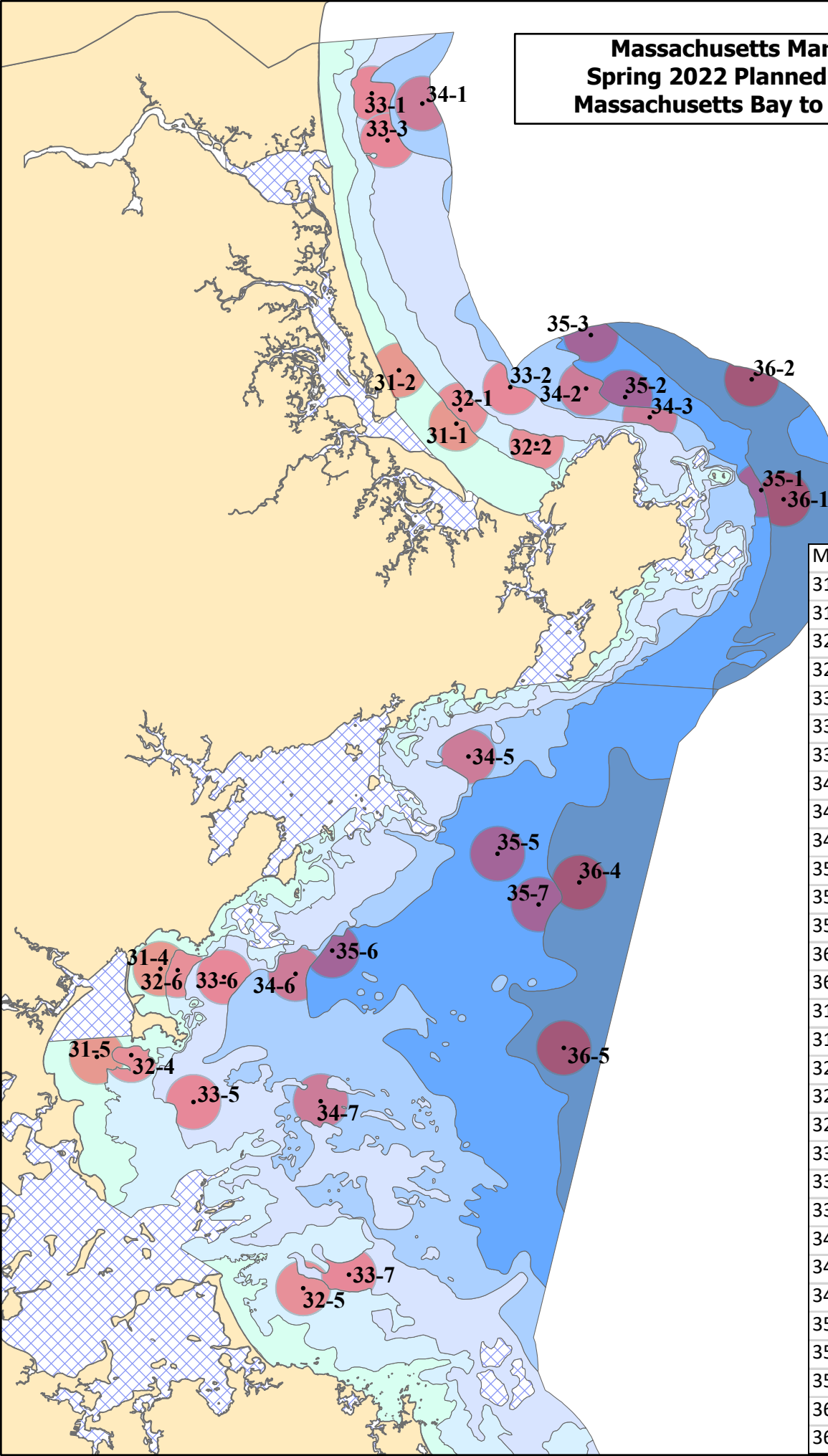
Area Description	Depth	Range of Dates	Latitude	Longitude	Sta. ID#
Western Cape Cod Bay	0-30'	May 9-11	42.0546	-70.6376	25-1
	0-30'	May 9-10	41.7541	-70.4328	25-2
	0-30'	May 9-10	41.7456	-70.3242	25-3
	31'-60'	May 9-10	41.7863	-70.2697	26-1
	31'-60'	May 9-10	41.7759	-70.3200	26-2
	31'-60'	May 11	42.1451	-70.6796	26-3
	61'-90'	May 9-10	41.8364	-70.2720	27-1
	61'-90'	May 9-10	41.8285	-70.4511	27-2
	61'-90'	May 9-10	41.8439	-70.4128	27-3
	91'-120'	May 9-11	42.0657	-70.5665	28-1
	91'-120'	May 9-15	42.0890	-70.5454	28-2
	91'-120'	May 9-10	41.9518	-70.4647	28-3
	121'-180'	May 9-10	42.0396	-70.5078	29-1
	121'-180'	May 9-15	42.0039	-70.4095	29-2
	121'-180'	May 9-15	42.0541	-70.4819	29-3
Eastern Cape Cod Bay	0-30'	May 9-10	41.8130	-70.0540	25-5
	0-30'	May 9-10	41.8342	-70.1697	25-6
	31'-60'	May 9-10	41.8224	-70.1306	26-5
	31'-60'	May 9-10	41.8347	-70.2008	26-6
	61'-90'	May 16	41.9624	-70.1383	27-5
	61'-90'	May 16	41.9307	-70.1593	27-6
	91'-120'	May 16	41.9331	-70.2608	28-5
	91'-120'	May 16	41.8930	-70.2010	28-6
	121'-180'	May 15-16	42.0215	-70.3692	29-5
	121'-180'	May 15-16	42.0353	-70.3390	29-6
	181'+	May 15-17	42.0997	-70.2575	30-1
	181'+	May 17-16	42.0803	-70.3685	30-2
	181'+	May 15-17	42.0811	-70.2779	30-3
East of Cape Cod	0-30'	May 17-18	42.0476	-70.0591	17-1
	0-30'	May 17-18	41.8383	-69.9348	17-2
	31'-60'	May 17-18	42.0377	-70.0395	18-1
	31'-60'	May 17-18	41.6536	-69.9134	18-2
	31'-60'	May 17-18	41.9238	-69.9602	18-3
	61'-90'	May 17-18	41.8884	-69.9325	19-1
	61'-90'	May 17-18	41.8240	-69.9112	19-2
	91'-120'	May 17-18	42.0565	-70.0207	20-1
	91'-120'	May 17-18	41.7617	-69.8654	20-2
	91'-120'	May 17-18	41.7922	-69.8762	20-3
	121'-180'	May 15-17	42.0901	-70.2308	21-1
	121'-180'	May 17-18	41.8210	-69.8742	21-2
	121'-180'	May 17-18	42.1084	-70.1570	21-3

Massachusetts Division of Marine Fisheries
May 2022 Spring Trawl Survey Station Locations
South of Cape Cod

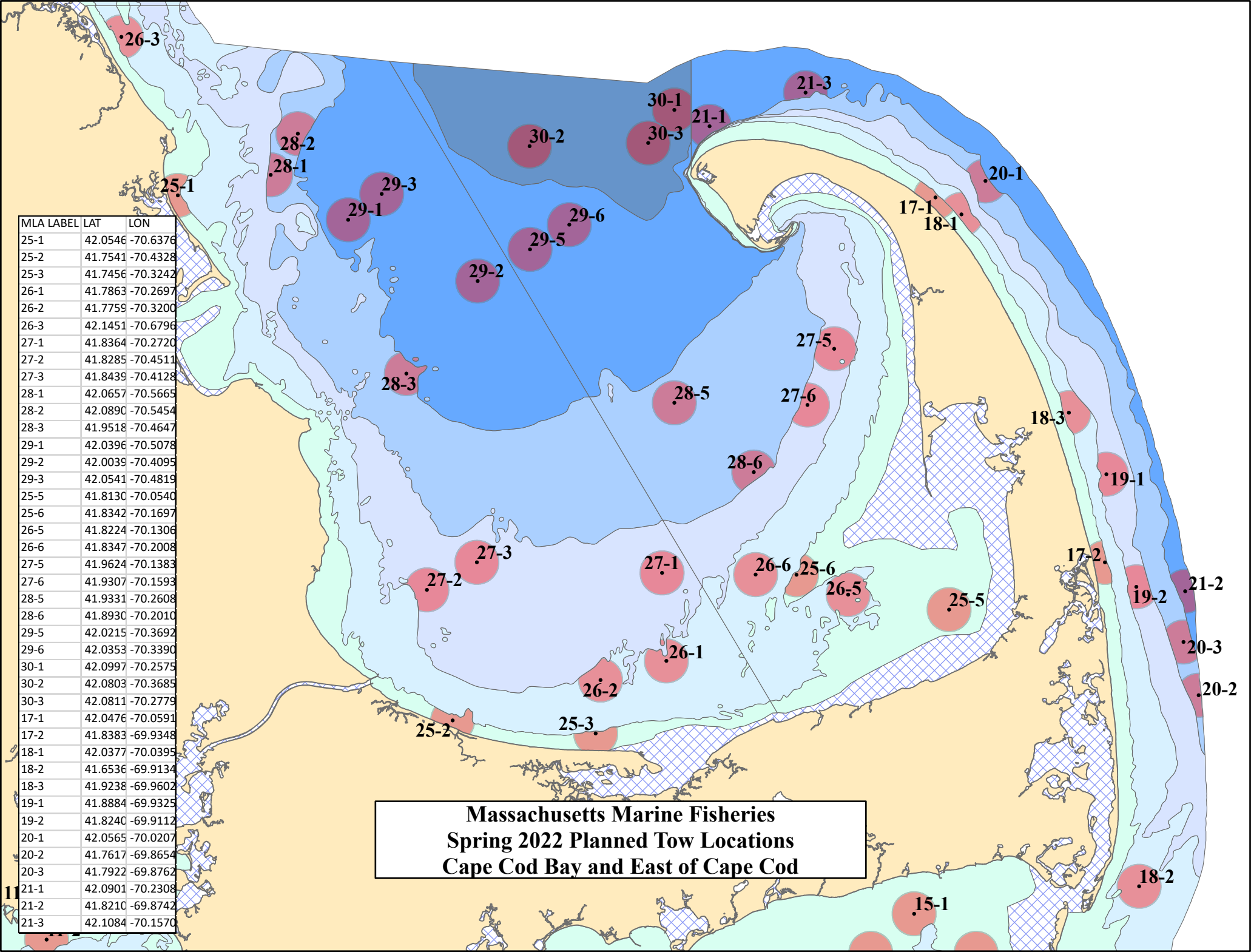
*Note Latitude/Longitude is in decimal degrees

Area Description	Depth	Range of Dates	Latitude	Longitude	Sta. ID#
Buzzards Bay and Vineyard Sound	0-30'	May 19-29	41.6614	-70.7465	11-1
	0-30'	May 19-29	41.6318	-70.7429	11-2
	0-30'	May 19-29	41.6782	-70.6977	11-3
	31'-60'	May 19-29	41.4876	-71.0107	12-1
	31'-60'	May 19-29	41.5736	-70.6870	12-2
	31'-60'	May 19-29	41.4723	-70.8209	12-3
	31'-60'	May 19-29	41.5550	-70.7135	12-4
	31'-60'	May 19-29	41.4751	-70.9748	12-5
	61'-90'	May 19-29	41.3889	-70.8635	13-1
	61'-90'	May 19-29	41.4112	-70.8148	13-2
	61'-90'	May 19-29	41.3865	-70.7675	13-3
	91'-120'	May 19-29	41.3818	-70.8384	14-1
South of Martha's Vineyard	0-30'	May 19-29	41.4008	-70.4271	11-5
	0-30'	May 19-29	41.3192	-70.4777	11-6
	31'-60'	May 19-29	41.3348	-70.5740	12-7
	31'-60'	May 19-29	41.2974	-70.5047	12-8
	61'-90'	May 19-29	41.2897	-70.7363	13-5
	61'-90'	May 19-29	41.3084	-70.6339	13-6
	91'-120'	May 19-29	41.3243	-70.8789	14-3
Nantucket Sound	0-30'	May 19-29	41.6402	-70.0845	15-1
	0-30'	May 19-29	41.5875	-70.1593	15-2
	0-30'	May 19-29	41.3491	-70.2520	15-3
	0-30'	May 19-29	41.4364	-70.4492	15-4
	0-30'	May 19-29	41.6181	-70.1179	15-5
	0-30'	May 19-29	41.3184	-70.1385	15-6
	0-30'	May 19-29	41.5363	-70.0718	15-7
	0-30'	May 19-29	41.6171	-70.0380	15-8
	0-30'	May 19-29	41.3193	-70.1857	15-9
	0-30'	May 19-29	41.3907	-70.2042	15-10
	31'-60'	May 19-29	41.3244	-70.1193	16-1
	31'-60'	May 19-29	41.5069	-70.4347	16-2
	31'-60'	May 19-29	41.5791	-70.0608	16-3
	31'-60'	May 19-29	41.4962	-70.4860	16-4
	31'-60'	May 19-29	41.3412	-70.1881	16-5
	31'-60'	May 19-29	41.4558	-70.1798	16-6
	31'-60'	May 19-29	41.3876	-70.0812	16-7
	31'-60'	May 19-29	41.4650	-70.4829	16-8
	31'-60'	May 19-29	41.4367	-70.2589	16-9
	31'-60'	May 19-29	41.3515	-70.0804	16-10
	31'-60'	May 19-29	41.5103	-70.5317	16-11
South and East of Nantucket	0-30'	May 19-29	41.2885	-70.320	17-4
	0-30'	May 19-29	41.2566	-70.184	17-5
	0-30'	May 19-29	41.2359	-70.124	17-6
	31'-60'	May 18-29	41.4677	-70.027	18-5
	31'-60'	May 18-29	41.2781	-70.283	18-6
	31'-60'	May 19-29	41.4384	-69.970	18-7
	61'-90'	May 19-29	41.2063	-70.115	19-4

Massachusetts Marine Fisheries Spring 2022 Planned Tow Locations Massachusetts Bay to New Hampshire



MLA LABEL	LAT	LON
31-1	42.6977	-70.7330
31-2	42.7223	-70.7683
32-1	42.7040	-70.7304
32-2	42.6883	-70.6834
33-1	42.8488	-70.7836
33-2	42.7141	-70.6994
33-3	42.8274	-70.7741
34-1	42.8440	-70.7523
34-2	42.7132	-70.6525
34-3	42.6998	-70.6132
35-1	42.6660	-70.5448
35-2	42.7091	-70.6283
35-3	42.7376	-70.6492
36-1	42.6617	-70.5310
36-2	42.7166	-70.5499
31-4	42.4498	-70.9185
31-5	42.4098	-70.9580
32-4	42.4105	-70.9368
32-5	42.3035	-70.8320
32-6	42.4491	-70.9078
33-5	42.3889	-70.8987
33-6	42.4459	-70.8793
33-7	42.3095	-70.8038
34-5	42.5457	-70.7274
34-6	42.4471	-70.8352
34-7	42.3888	-70.8203
35-5	42.5012	-70.7100
35-6	42.4576	-70.8125
35-7	42.4778	-70.6849
36-4	42.4877	-70.6597
36-5	42.4122	-70.6702

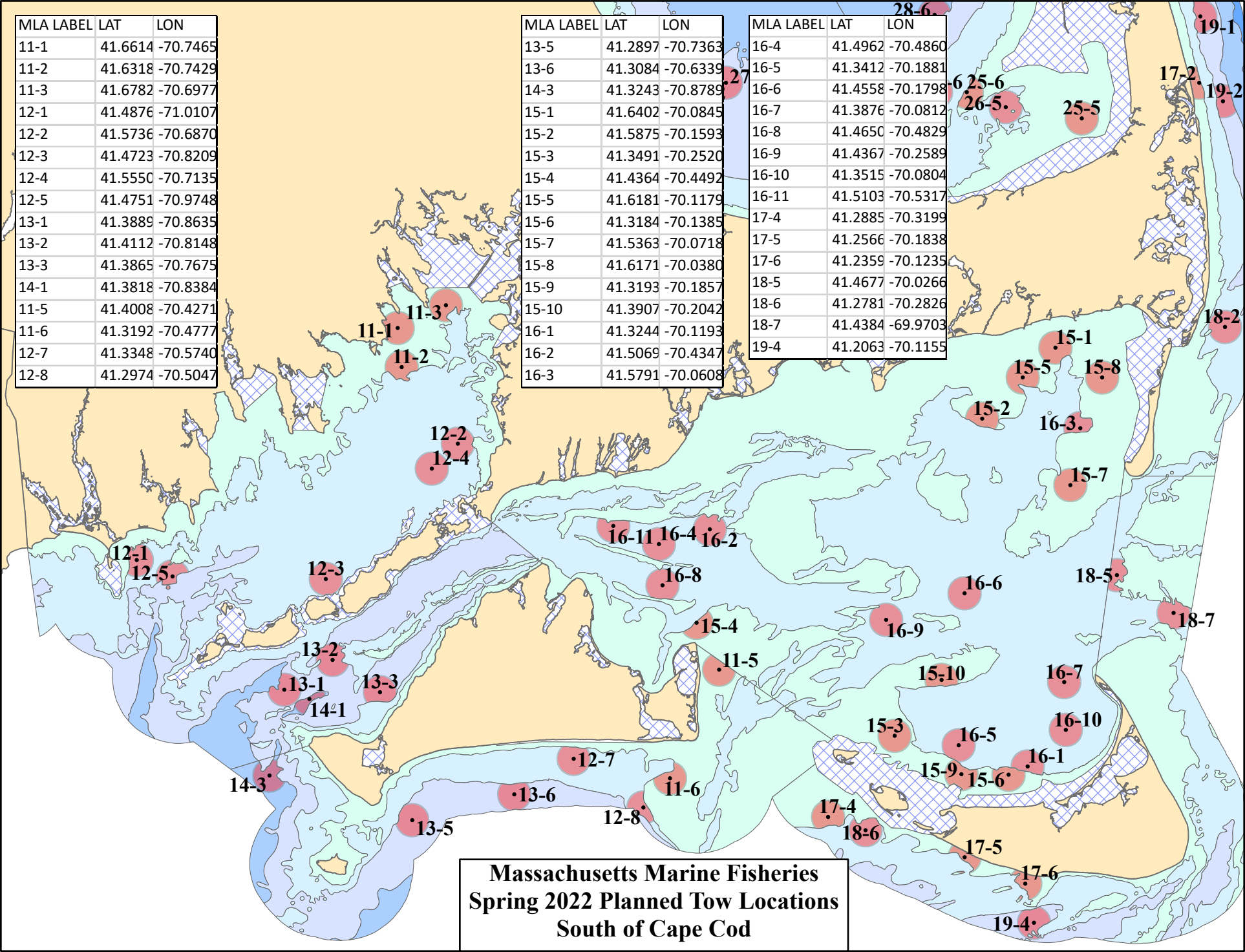


**Massachusetts Marine Fisheries
Spring 2022 Planned Tow Locations
Cape Cod Bay and East of Cape Cod**

MLA LABEL	LAT	LON
11-1	41.6614	-70.7465
11-2	41.6318	-70.7429
11-3	41.6782	-70.6977
12-1	41.4876	-71.0107
12-2	41.5736	-70.6870
12-3	41.4723	-70.8209
12-4	41.5550	-70.7135
12-5	41.4751	-70.9748
13-1	41.3889	-70.8635
13-2	41.4112	-70.8148
13-3	41.3865	-70.7675
14-1	41.3818	-70.8384
11-5	41.4008	-70.4271
11-6	41.3192	-70.4777
12-7	41.3348	-70.5740
12-8	41.2974	-70.5047

MLA LABEL	LAT	LON
13-5	41.2897	-70.7363
13-6	41.3084	-70.6339
14-3	41.3243	-70.8789
15-1	41.6402	-70.0845
15-2	41.5875	-70.1593
15-3	41.3491	-70.2520
15-4	41.4364	-70.4492
15-5	41.6181	-70.1179
15-6	41.3184	-70.1385
15-7	41.5363	-70.0718
15-8	41.6171	-70.0380
15-9	41.3193	-70.1857
15-10	41.3907	-70.2042
16-1	41.3244	-70.1193
16-2	41.5069	-70.4347
16-3	41.5791	-70.0608

MLA LABEL	LAT	LON
16-4	41.4962	-70.4860
16-5	41.3412	-70.1881
16-6	41.4558	-70.1798
16-7	41.3876	-70.0812
16-8	41.4650	-70.4829
16-9	41.4367	-70.2589
16-10	41.3515	-70.0804
16-11	41.5103	-70.5317
17-4	41.2885	-70.3199
17-5	41.2566	-70.1838
17-6	41.2359	-70.1235
18-5	41.4677	-70.0266
18-6	41.2781	-70.2826
18-7	41.4384	-69.9703
19-4	41.2063	-70.1155



Massachusetts Marine Fisheries
Spring 2022 Planned Tow Locations
South of Cape Cod