

**Monday Night
Navigator Pursuit Race Series
June 3, 10, 17, & 24, 2024
Sailing Instructions
Revision 5-30-2024**

General:

The Mount Sinai Sailing Association is the Organizing Authority.

The races are intended to be casual races using jib and main only.

All races will be governed by the Racing Rules of sailing 2021-2024 and these Sailing Instructions. Rule 52 is changed to allow autopilots on boats that are sailed single-handed or double-handed.

Notices to the competitors will be posted on the MSSA website (www.MSSA.org).

The event is open to all single hulled, auxiliary powered sailboats.

Schedule of Races:

Races will be conducted on Monday Evenings on June 3, 10, 17 & 24, 2024. Pursuit Time Sequence begins at 6:45 PM.

Signals on the Water:

A boat will be selected as “Race Official”. Boats intending to sail the course should check in with the Race Official vessel on VHF Channel 72. To facilitate coordination to GPS time, the race official may announce timing information beneficial to conducting the race.

Procedures:

General:

In a Pursuit Race (sometimes called a Jackrabbit Race), a boat will sail the course, starting at a time determined by their PHRF Rating. The Start Table included below is to be used to determine the boat’s start time. The racing is intended to be casual, so start and finish times are reported by an honor system. However, it is advisable that GPS times be used so all boat are properly coordinated with one another.

Starting:

Boats will start by keeping the starting mark on the vessels port side and passing it within two boat lengths, crossing an imaginary line that is perpendicular to the direction of the first mark. Since this is a casual race, a good faith approximation of this definition is suitable.

Finishing:

After sailing the course, the boat will finish by passing the last mark, keeping it on the port side of the vessel, within two boat lengths, crossing an imaginary line that is perpendicular to the direction from the previous mark. The boat should note their time and send it via email to: scoring@mssa.org. Additionally, the finishing boat should announce their finish time on VHF Channel 72.

PHRF Ratings:

The Mount Sinai Sailing Association, as the organizing authority, will assign PHRF Ratings in accordance with the YRALIS Handicap Regulations. Any boat needing a PHRF Rating should contact the MSSA Scorers via email: Scoring@mssa.org.

Courses:

Because PHRF Ratings are given as “Seconds Per Mile”, the start tables are pre-calculated based on the length of the course. There are two courses available, the Long Course is 5.5 nautical miles, and the Short Course of 3.2 nautical miles. The PHRF start times for each course can be found in the tables below. All marks are to be left to PORT.

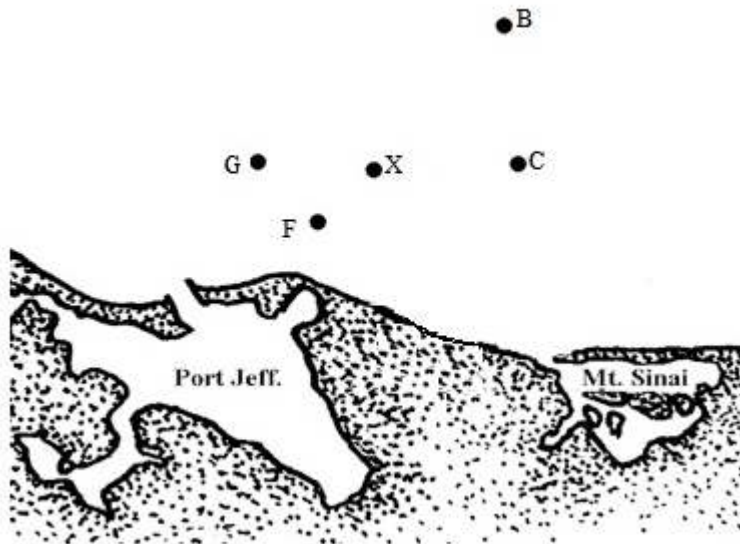
	Start Mark	Mark 1	Mark 2	Mark 3	Mark 4	Mark 5	Finish Mark
Long Course:	X	G	F	C	B	G	X
Short Course:	X	G	F	C	Finish X		

Scoring:

Scoring of individual races is generally completed on the day after the race. Boats reporting their finish times is essential to the scoring process. Please send your finish time to: scoring@mssa.org. Series Scoring will be done in accordance with the Racing Rules of Sailing, Low Point System, with one exclusion.

Racing Area:

The races will be conducted on Long Island Sound between Mount Sinai and Port Jefferson Harbors.



Mark Coordinates:

Mark	Common Name	Coordinates
"X"	PJYC Club Mark (Center)	N 40 58.923 / W 73 03.853
"B"	PJYC Club Mark (NE)	N 40 59.772 / W 73 03.156
"C"	PJYC Club Mark (E)	N 40 59.095 / W 73 02.887
"F"	PJYC Club Mark (SW)	N 40 58.499 / W 73 04.200
"G"	PJYC Club Mark (W)	N 40 58.752 / W 73 04.818

Auxiliary Engine:

Boats competing in the pursuit race will not engage their auxiliary engines during the period from 4 minutes before **their** start time, until after completing the course, unless they are retiring from the competition.

Retiring:

Boats retiring from the competition should announce their retirement on VHF Channel 72 and send an email to: scoring@mssa.org stating they retired.

Pursuit Race Start Times:

The tables below list the start times for each competitor based on their PHRF Rating.

Start Table for the Short Course

PHRF Rating	Start Time	PHRF Rating	Start Time	PHRF Rating	Start Time
282	6:46:30 PM	239	6:48:48 PM	196	6:51:05 PM
281	6:46:33 PM	238	6:48:51 PM	195	6:51:08 PM
280	6:46:36 PM	237	6:48:54 PM	194	6:51:12 PM
279	6:46:40 PM	236	6:48:57 PM	193	6:51:15 PM
278	6:46:43 PM	235	6:49:00 PM	192	6:51:18 PM
277	6:46:46 PM	234	6:49:04 PM	191	6:51:21 PM
276	6:46:49 PM	233	6:49:07 PM	190	6:51:24 PM
275	6:46:52 PM	232	6:49:10 PM	189	6:51:28 PM
274	6:46:56 PM	231	6:49:13 PM	188	6:51:31 PM
273	6:46:59 PM	230	6:49:16 PM	187	6:51:34 PM
272	6:47:02 PM	229	6:49:20 PM	186	6:51:37 PM
271	6:47:05 PM	228	6:49:23 PM	185	6:51:40 PM
270	6:47:08 PM	227	6:49:26 PM	184	6:51:44 PM
269	6:47:12 PM	226	6:49:29 PM	183	6:51:47 PM
268	6:47:15 PM	225	6:49:32 PM	182	6:51:50 PM
267	6:47:18 PM	224	6:49:36 PM	181	6:51:53 PM
266	6:47:21 PM	223	6:49:39 PM	180	6:51:56 PM
265	6:47:24 PM	222	6:49:42 PM	179	6:52:00 PM
264	6:47:28 PM	221	6:49:45 PM	178	6:52:03 PM
263	6:47:31 PM	220	6:49:48 PM	177	6:52:06 PM
262	6:47:34 PM	219	6:49:52 PM	176	6:52:09 PM
261	6:47:37 PM	218	6:49:55 PM	175	6:52:12 PM
260	6:47:40 PM	217	6:49:58 PM	174	6:52:16 PM
259	6:47:44 PM	216	6:50:01 PM	173	6:52:19 PM
258	6:47:47 PM	215	6:50:04 PM	172	6:52:22 PM
257	6:47:50 PM	214	6:50:08 PM	171	6:52:25 PM
256	6:47:53 PM	213	6:50:11 PM	170	6:52:28 PM
255	6:47:56 PM	212	6:50:14 PM	169	6:52:32 PM
254	6:48:00 PM	211	6:50:17 PM	168	6:52:35 PM
253	6:48:03 PM	210	6:50:20 PM	167	6:52:38 PM
252	6:48:06 PM	209	6:50:24 PM	166	6:52:41 PM
251	6:48:09 PM	208	6:50:27 PM	165	6:52:44 PM
250	6:48:12 PM	207	6:50:30 PM	164	6:52:48 PM
249	6:48:16 PM	206	6:50:33 PM	163	6:52:51 PM
248	6:48:19 PM	205	6:50:36 PM	162	6:52:54 PM
247	6:48:22 PM	204	6:50:40 PM	161	6:52:57 PM
246	6:48:25 PM	203	6:50:43 PM	160	6:53:00 PM
245	6:48:28 PM	202	6:50:46 PM	159	6:53:04 PM
244	6:48:32 PM	201	6:50:49 PM	158	6:53:07 PM
243	6:48:35 PM	200	6:50:52 PM	157	6:53:10 PM
242	6:48:38 PM	199	6:50:56 PM	156	6:53:13 PM
241	6:48:41 PM	198	6:50:59 PM	155	6:53:16 PM
240	6:48:44 PM	197	6:51:02 PM	154	6:53:20 PM

Start Table for the Short Course

PHRF Rating	Start Time	PHRF Rating	Start Time	PHRF Rating	Start Time
153	6:53:23 PM	110	6:55:40 PM	67	6:57:58 PM
152	6:53:26 PM	109	6:55:44 PM	66	6:58:01 PM
151	6:53:29 PM	108	6:55:47 PM	65	6:58:04 PM
150	6:53:32 PM	107	6:55:50 PM	64	6:58:08 PM
149	6:53:36 PM	106	6:55:53 PM	63	6:58:11 PM
148	6:53:39 PM	105	6:55:56 PM	62	6:58:14 PM
147	6:53:42 PM	104	6:56:00 PM	61	6:58:17 PM
146	6:53:45 PM	103	6:56:03 PM	60	6:58:20 PM
145	6:53:48 PM	102	6:56:06 PM	59	6:58:24 PM
144	6:53:52 PM	101	6:56:09 PM	58	6:58:27 PM
143	6:53:55 PM	100	6:56:12 PM	57	6:58:30 PM
142	6:53:58 PM	99	6:56:16 PM	56	6:58:33 PM
141	6:54:01 PM	98	6:56:19 PM	55	6:58:36 PM
140	6:54:04 PM	97	6:56:22 PM	54	6:58:40 PM
139	6:54:08 PM	96	6:56:25 PM	53	6:58:43 PM
138	6:54:11 PM	95	6:56:28 PM	52	6:58:46 PM
137	6:54:14 PM	94	6:56:32 PM	51	6:58:49 PM
136	6:54:17 PM	93	6:56:35 PM	50	6:58:52 PM
135	6:54:20 PM	92	6:56:38 PM	49	6:58:56 PM
134	6:54:24 PM	91	6:56:41 PM	48	6:58:59 PM
133	6:54:27 PM	90	6:56:44 PM	47	6:59:02 PM
132	6:54:30 PM	89	6:56:48 PM	46	6:59:05 PM
131	6:54:33 PM	88	6:56:51 PM	45	6:59:08 PM
130	6:54:36 PM	87	6:56:54 PM	44	6:59:12 PM
129	6:54:40 PM	86	6:56:57 PM	43	6:59:15 PM
128	6:54:43 PM	85	6:57:00 PM	42	6:59:18 PM
127	6:54:46 PM	84	6:57:04 PM	41	6:59:21 PM
126	6:54:49 PM	83	6:57:07 PM	40	6:59:24 PM
125	6:54:52 PM	82	6:57:10 PM	39	6:59:28 PM
124	6:54:56 PM	81	6:57:13 PM	38	6:59:31 PM
123	6:54:59 PM	80	6:57:16 PM	37	6:59:34 PM
122	6:55:02 PM	79	6:57:20 PM	36	6:59:37 PM
121	6:55:05 PM	78	6:57:23 PM	35	6:59:40 PM
120	6:55:08 PM	77	6:57:26 PM	34	6:59:44 PM
119	6:55:12 PM	76	6:57:29 PM	33	6:59:47 PM
118	6:55:15 PM	75	6:57:32 PM	32	6:59:50 PM
117	6:55:18 PM	74	6:57:36 PM	31	6:59:53 PM
116	6:55:21 PM	73	6:57:39 PM	30	6:59:56 PM
115	6:55:24 PM	72	6:57:42 PM	29	7:00:00 PM
114	6:55:28 PM	71	6:57:45 PM	28	7:00:03 PM
113	6:55:31 PM	70	6:57:48 PM	27	7:00:06 PM
112	6:55:34 PM	69	6:57:52 PM	26	7:00:09 PM
111	6:55:37 PM	68	6:57:55 PM	25	7:00:12 PM

Start Table for the Long Course

PHRF Rating	Start Time	PHRF Rating	Start Time	PHRF Rating	Start Time
282	6:47:35 PM	239	6:51:32 PM	196	6:55:30 PM
281	6:47:41 PM	238	6:51:38 PM	195	6:55:35 PM
280	6:47:46 PM	237	6:51:43 PM	194	6:55:41 PM
279	6:47:52 PM	236	6:51:49 PM	193	6:55:46 PM
278	6:47:57 PM	235	6:51:54 PM	192	6:55:52 PM
277	6:48:03 PM	234	6:52:00 PM	191	6:55:57 PM
276	6:48:08 PM	233	6:52:06 PM	190	6:56:03 PM
275	6:48:14 PM	232	6:52:11 PM	189	6:56:08 PM
274	6:48:19 PM	231	6:52:17 PM	188	6:56:14 PM
273	6:48:25 PM	230	6:52:22 PM	187	6:56:19 PM
272	6:48:30 PM	229	6:52:28 PM	186	6:56:25 PM
271	6:48:36 PM	228	6:52:33 PM	185	6:56:30 PM
270	6:48:41 PM	227	6:52:39 PM	184	6:56:36 PM
269	6:48:47 PM	226	6:52:44 PM	183	6:56:42 PM
268	6:48:52 PM	225	6:52:50 PM	182	6:56:47 PM
267	6:48:58 PM	224	6:52:55 PM	181	6:56:53 PM
266	6:49:03 PM	223	6:53:01 PM	180	6:56:58 PM
265	6:49:09 PM	222	6:53:06 PM	179	6:57:04 PM
264	6:49:14 PM	221	6:53:12 PM	178	6:57:09 PM
263	6:49:20 PM	220	6:53:17 PM	177	6:57:15 PM
262	6:49:25 PM	219	6:53:23 PM	176	6:57:20 PM
261	6:49:31 PM	218	6:53:28 PM	175	6:57:26 PM
260	6:49:36 PM	217	6:53:34 PM	174	6:57:31 PM
259	6:49:42 PM	216	6:53:39 PM	173	6:57:37 PM
258	6:49:48 PM	215	6:53:45 PM	172	6:57:42 PM
257	6:49:53 PM	214	6:53:50 PM	171	6:57:48 PM
256	6:49:59 PM	213	6:53:56 PM	170	6:57:53 PM
255	6:50:04 PM	212	6:54:01 PM	169	6:57:59 PM
254	6:50:10 PM	211	6:54:07 PM	168	6:58:04 PM
253	6:50:15 PM	210	6:54:12 PM	167	6:58:10 PM
252	6:50:21 PM	209	6:54:18 PM	166	6:58:15 PM
251	6:50:26 PM	208	6:54:24 PM	165	6:58:21 PM
250	6:50:32 PM	207	6:54:29 PM	164	6:58:26 PM
249	6:50:37 PM	206	6:54:35 PM	163	6:58:32 PM
248	6:50:43 PM	205	6:54:40 PM	162	6:58:37 PM
247	6:50:48 PM	204	6:54:46 PM	161	6:58:43 PM
246	6:50:54 PM	203	6:54:51 PM	160	6:58:48 PM
245	6:50:59 PM	202	6:54:57 PM	159	6:58:54 PM
244	6:51:05 PM	201	6:55:02 PM	158	6:59:00 PM
243	6:51:10 PM	200	6:55:08 PM	157	6:59:05 PM
242	6:51:16 PM	199	6:55:13 PM	156	6:59:11 PM
241	6:51:21 PM	198	6:55:19 PM	155	6:59:16 PM
240	6:51:27 PM	197	6:55:24 PM	154	6:59:22 PM

Start Table for the Long Course

PHRF Rating	Start Time	PHRF Rating	Start Time	PHRF Rating	Start Time
153	6:59:27 PM	110	7:03:24 PM	67	7:07:22 PM
152	6:59:33 PM	109	7:03:30 PM	66	7:07:27 PM
151	6:59:38 PM	108	7:03:36 PM	65	7:07:33 PM
150	6:59:44 PM	107	7:03:41 PM	64	7:07:38 PM
149	6:59:49 PM	106	7:03:47 PM	63	7:07:44 PM
148	6:59:55 PM	105	7:03:52 PM	62	7:07:49 PM
147	7:00:00 PM	104	7:03:58 PM	61	7:07:55 PM
146	7:00:06 PM	103	7:04:03 PM	60	7:08:00 PM
145	7:00:11 PM	102	7:04:09 PM	59	7:08:06 PM
144	7:00:17 PM	101	7:04:14 PM	58	7:08:12 PM
143	7:00:22 PM	100	7:04:20 PM	57	7:08:17 PM
142	7:00:28 PM	99	7:04:25 PM	56	7:08:23 PM
141	7:00:33 PM	98	7:04:31 PM	55	7:08:28 PM
140	7:00:39 PM	97	7:04:36 PM	54	7:08:34 PM
139	7:00:44 PM	96	7:04:42 PM	53	7:08:39 PM
138	7:00:50 PM	95	7:04:47 PM	52	7:08:45 PM
137	7:00:55 PM	94	7:04:53 PM	51	7:08:50 PM
136	7:01:01 PM	93	7:04:58 PM	50	7:08:56 PM
135	7:01:06 PM	92	7:05:04 PM	49	7:09:01 PM
134	7:01:12 PM	91	7:05:09 PM	48	7:09:07 PM
133	7:01:18 PM	90	7:05:15 PM	47	7:09:12 PM
132	7:01:23 PM	89	7:05:20 PM	46	7:09:18 PM
131	7:01:29 PM	88	7:05:26 PM	45	7:09:23 PM
130	7:01:34 PM	87	7:05:31 PM	44	7:09:29 PM
129	7:01:40 PM	86	7:05:37 PM	43	7:09:34 PM
128	7:01:45 PM	85	7:05:42 PM	42	7:09:40 PM
127	7:01:51 PM	84	7:05:48 PM	41	7:09:45 PM
126	7:01:56 PM	83	7:05:54 PM	40	7:09:51 PM
125	7:02:02 PM	82	7:05:59 PM	39	7:09:56 PM
124	7:02:07 PM	81	7:06:05 PM	38	7:10:02 PM
123	7:02:13 PM	80	7:06:10 PM	37	7:10:07 PM
122	7:02:18 PM	79	7:06:16 PM	36	7:10:13 PM
121	7:02:24 PM	78	7:06:21 PM	35	7:10:18 PM
120	7:02:29 PM	77	7:06:27 PM	34	7:10:24 PM
119	7:02:35 PM	76	7:06:32 PM	33	7:10:30 PM
118	7:02:40 PM	75	7:06:38 PM	32	7:10:35 PM
117	7:02:46 PM	74	7:06:43 PM	31	7:10:41 PM
116	7:02:51 PM	73	7:06:49 PM	30	7:10:46 PM
115	7:02:57 PM	72	7:06:54 PM	29	7:10:52 PM
114	7:03:02 PM	71	7:07:00 PM	28	7:10:57 PM
113	7:03:08 PM	70	7:07:05 PM	27	7:11:03 PM
112	7:03:13 PM	69	7:07:11 PM	26	7:11:08 PM
111	7:03:19 PM	68	7:07:16 PM	25	7:11:14 PM