

## ***Notice of Race***

### **2022 Lighthouse Races**

The Lighthouse races comprise distance races; the Spring (Arch) Lighthouse Race; an open entry Lighthouse Challenge race, a double handed Lighthouse race and the Fall (Usiskin) Lighthouse Race. Each event is raced independently.

**All except open challenge are pursuit races.** A pursuit race has a staggered start with the slower boats starting first and the faster boats starting later. The start times are based on PHRF handicap. The first boat to finish wins, the second to finish is second, and so on. (See below for more details)

#### **Spring**

On November 20, 1789, the New Jersey Assembly met in Perth Amboy, the first capital of New Jersey. At that meeting, New Jersey became the first state to vote to ratify the first ten amendments of the United States Constitution known as the Bill of Rights. The ratification occurred in what was then a courthouse and is now a portion of the historic Perth Amboy City Hall located on the High Street Circle. On November 20, 1989, Perth Amboy memorialized that great event in American History with the dedication of the Bill of Rights Commemorative Arch. Raritan Yacht Club is the keeper of the perpetual trophy, which is the exact replica of the "Arch."

#### **Double Handed Challenge**

A socially distance special, a lighthouse race with crew limit of 2.

#### **Fall**

The Mark Usiskin Lighthouse Race honors PC Mark Usiskin for his years of leadership and service to RYC. Mark was a dedicated sailor and avid racer who served RYC in many capacities including commodore in 1978. In deference to that service the Fall Lighthouse Race is dedicated to his memory.

#### **Principal Race Officers:**

- **Spring: TBD**
- **Double handed challenge: TBD**
- **Fall: TBD**
- **Lighthouse Open Distance Challenge: n/a**

#### **Rules**

This event shall be governed by the rules as defined in RYC's General Sailing Instructions unless altered in these NORs.

PHRF-MA Crew Limitations: will be enforced

The use of an automatic pilot is prohibited.

### **Fees**

\$35 - For each race

### **Divisions:**

- A Division (combined - spinnakers permitted)
- B Division (combined - non-spinnaker)

### **Schedule of Races:**

- **Lighthouse Open Distance Challenge** - May 1 – October 22
- **Spring** – Saturday May 14<sup>th</sup>
- **Double Handed Challenge** – Saturday September 10<sup>th</sup>
- **Fall**- Sunday October 2<sup>nd</sup>

### **Start Times/Starting order**

All boats must register with the Race Committee, prior to their start providing their boat name, PHRF rating, and division

- **Lighthouse Open Distance Challenge – YOUR CHOICE**

Starting time at the discretion of the skipper. Report elapsed time to the Race Committee.

- **Spring** – First warning 12:55 Hrs\_
- **Double Handed Challenge** - First warning 10:55 Hrs
- **Fall** - First Warning: 10:55 Hrs. See table below for handicap starting times.

### **Finish Times**

Each boat skipper will record the GPS finish time of his/her boat to be used if RC is not on station for all boats finishing.

### **Classes Flags**

Not required

### **Starting Conditions**

At the discretion of the Race Committee.

### **Time Limits**

No time limits will be established.

## Courses

- **Anti-clockwise:**

1. Start – RYC cupola. (This modifies rule 7.4 in the General Sailing Instructions)

*The start line for cupola (“RYC”) starts shall be between government mark “60” and the mast of the cupola, west of Ward Point Bend (West) channel. Ward Point Bend (West) channel and the area East of that channel are not part of the start line.*

2. Z - Port
3. A - Great Beds Lighthouse – Port
4. T- Can “3” -Port
5. H - Romer Shoals Lighthouse- Port
6. G - West Bank Lighthouse - Port
7. T – Can “3” -Starboard
8. A - Great Beds Lighthouse – Starboard
9. Z - Starboard
10. Finish- RYC Cupola

*The finish line shall be between government mark “60” and the mast of the cupola, west of Ward Point Bend (West) channel. Ward Point Bend (West) channel and the area East of that channel are not part of the finish line.*

**Rated Distance:** 25.52 nautical miles

- **Clockwise:**

1. Start - RYC cupola (this modifies rule 7.4 of the General Sailing Instructions)

*The start line for cupola (“RYC”) starts shall be between government mark “60” and the mast of the cupola, west of Ward Point Bend (West) channel. Ward Point Bend (West) channel and the area East of that channel are not part of the start line.*

2. Z - Port
3. A- Great Beds Lighthouse - Port
4. T- Can “3” - Port
5. G- West Bank Lighthouse - Starboard
6. H- Romer Shoals Lighthouse - Starboard
7. T- Can “3” - Starboard
8. A- Great Beds Lighthouse – Starboard
9. Z- Starboard
10. Finish- RYC Cupola

*The finish line shall be between government mark “60” and the mast of the cupola, west of Ward Point Bend (West) channel. Ward Point Bend (West) channel and the area East of that channel are not part of the finish line.*

**Rated Distance:** 25.52 nautical miles

*Spring- Clockwise course*

*Double Handed Challenge – Anticlockwise course*

*Lighthouse Open Challenge – Clockwise or Anticlockwise course*

*Fall –Anticlockwise course*

\**Note:* For a full listing of the marks, please see the “Marks- Locations & Description” and “Mark-Bearing & Distance”

**Scoring**

Trophies will be presented for each event raced, as well as a recognition prize for any boat competing in all 4 events.

## Starting Schedule for the Lighthouse Pursuit Races

Rating (sec/nm)	Start signal plus (min:sec)	Start signal plus (sec)		Rating (sec/nm)	Start signal plus (min:sec)	Start signal plus (sec)
198	0:00:00	0		129	0:29:21	1761
195	0:01:17	77		126	0:30:37	1837
192	0:02:33	153		123	0:31:54	1914
189	0:03:50	230		120	0:33:11	1991
186	0:05:06	306		117	0:34:27	2067
183	0:06:23	383		114	0:35:44	2144
180	0:07:39	459		111	0:37:00	2220
177	0:08:56	536		108	0:38:17	2297
174	0:10:12	612		105	0:39:33	2373
171	0:11:29	689		102	0:40:50	2450
168	0:12:46	766		99	0:42:06	2526
165	0:14:02	842		96	0:43:23	2603
162	0:15:19	919		93	0:44:40	2680
159	0:16:35	995		90	0:45:56	2756
156	0:17:52	1072		87	0:47:13	2833
153	0:19:08	1148		84	0:48:29	2909
150	0:20:25	1225		81	0:49:46	2986
147	0:21:42	1302		78	0:51:02	3062
144	0:22:58	1378		75	0:52:19	3139
141	0:24:15	1455		72	0:53:36	3216
138	0:25:31	1531		69	0:54:52	3292
135	0:26:48	1608		66	0:56:09	3369
132	0:28:04	1684		63	0:57:25	3445