# Lake Murray Yacht Racing Association (LMYRA)

# Single Handed Pursuit Sail Event

# July 11, 2020

# Sailing Instructions (SI)

# for a

# Reverse Start Race (Pursuit)

1.  **RULES**

    1.1 The races will be governed by the rules as defined in the *2017-2020 The Racing Rules of Sailing* (RRS), rules and prescriptions of the LMYRA and these SI.

    1.2 **No spinnakers, spinnaker poles or whisker poles can be used.**

    1.3 Competitors shall have completed registration for the summer series via the yearly LMYRA registration procedure (which included the summer series) or for only the summer series.

    1.4 All races are "Pursuit" using reverse starts based on the boats rating accepted at registration.

    1.5 All boats shall check in with the race committee (RC) signal vessel by passing the RC signal vessel and receive a confirming hail from the RC that you have checked in.

    1.6 Boats will use their accepted rating for the starting sequence.

    1.7 All boats must display navigation lights in compliance with all State and Federal regulations and monitor VHF Channel 66 at all times.

    1.8 **One-turn penalty in effect for all incidents.**

2.  The starting location is in front of the Columbia Sailing Club (SI's posted on ONB).

3.  The "clock" start time will be 1900 (7 pm) on July 11, 2020

4.  RC to broadcast all race information/instructions/starting countdown/etc. from a signal vessel(s)
    -VHF Channel 66 and RC signal vessel hailer are the RC broadcast channels
    -Course description (marks, length, etc.) will be broadcast
    -RRS 26 will be used except with no flags to start the race (modifies RRS)
    -Signal vessel horn at 1855 will be the sound signal for the "warning signal" per RRS 26
    -RC will attempt to coordinate signal vessel horn with a keyed VHF transmitter on CH 66
    -OCS, postponement, abandonment, etc. will be broadcast (no flags)

5.  After start of the "clock" a competitor starting time in seconds before he/she can start is equal to:
    (270-your adjusted LMYRA PHRF) x announced course length (statue miles) x 1.16

6.  Awards will be given at the LMYRA Fall Series Skipper's Meeting on September 11, 2020.

# Time sheet

The following formula was used to calculate the times in the table:  Starting time in seconds = (270- your adjusted PHRF) x Course Length (statue miles) x 1.16.

## Time Vs Distance

| LMYRA Adjusted PHRF | 3 miles Distance 3 | 4 miles Distance 4 | 6 miles Distance 6 | | LMYRA Adjusted PHRF | 3 miles Distance 3 | 4 miles Distance 4 | 6 miles Distance 6 |
|---|---|---|---|---|---|---|---|---|
| 270 | 00:00 | 00:00 | 00:00 | | 174 | 05:34 | 07:25 | 11:08 |
| 267 | 00:10 | 00:14 | 00:21 | | 171 | 05:45 | 07:39 | 11:29 |
| 264 | 00:21 | 00:28 | 00:42 | | 168 | 05:55 | 07:53 | 11:50 |
| 261 | 00:31 | 00:42 | 01:03 | | 165 | 06:05 | 08:07 | 12:11 |
| 258 | 00:42 | 00:56 | 01:24 | | 162 | 06:16 | 08:21 | 12:32 |
| 255 | 00:52 | 01:10 | 01:44 | | 159 | 06:26 | 08:35 | 12:53 |
| 252 | 01:03 | 01:24 | 02:05 | | 156 | 06:37 | 08:49 | 13:13 |
| 249 | 01:13 | 01:37 | 02:26 | | 153 | 06:47 | 09:03 | 13:34 |
| 246 | 01:24 | 01:51 | 02:47 | | 150 | 06:58 | 09:17 | 13:55 |
| 243 | 01:34 | 02:05 | 03:08 | | 147 | 07:08 | 09:31 | 14:16 |
| 240 | 01:44 | 02:19 | 03:29 | | 144 | 07:18 | 09:45 | 14:37 |
| 237 | 01:55 | 02:33 | 03:50 | | 141 | 07:29 | 09:59 | 14:58 |
| 234 | 02:05 | 02:47 | 04:11 | | 138 | 07:39 | 10:12 | 15:19 |
| 231 | 02:16 | 03:01 | 04:31 | | 135 | 07:50 | 10:26 | 15:40 |
| 228 | 02:26 | 03:15 | 04:52 | | 132 | 08:00 | 10:40 | 16:00 |
| 225 | 02:37 | 03:29 | 05:13 | | 129 | 08:11 | 10:54 | 16:21 |
| 222 | 02:47 | 03:43 | 05:34 | | 126 | 08:21 | 11:08 | 16:42 |
| 219 | 02:57 | 03:57 | 05:55 | | 123 | 08:32 | 11:22 | 17:03 |
| 216 | 03:08 | 04:11 | 06:16 | | 120 | 08:42 | 11:36 | 17:24 |
| 213 | 03:18 | 04:24 | 06:37 | | 117 | 08:52 | 11:50 | 17:45 |
| 210 | 03:29 | 04:38 | 06:58 | | 114 | 09:03 | 12:04 | 18:06 |
| 207 | 03:39 | 04:52 | 07:18 | | 111 | 09:13 | 12:18 | 18:27 |
| 204 | 03:50 | 05:06 | 07:39 | | 108 | 09:24 | 12:32 | 18:48 |
| 201 | 04:00 | 05:20 | 08:00 | | 105 | 09:34 | 12:46 | 19:08 |
| 198 | 04:11 | 05:34 | 08:21 | | 102 | 09:45 | 13:00 | 19:29 |
| 195 | 04:21 | 05:48 | 08:42 | | 99 | 09:55 | 13:13 | 19:50 |
| 192 | 04:31 | 06:02 | 09:03 | | 96 | 10:06 | 13:27 | 20:11 |
| 189 | 04:42 | 06:16 | 09:24 | | 93 | 10:16 | 13:41 | 20:32 |
| 186 | 04:52 | 06:30 | 09:45 | | 90 | 10:26 | 13:55 | 20:53 |
| 183 | 05:03 | 06:44 | 10:06 | | 87 | 10:37 | 14:09 | 21:14 |
| 180 | 05:13 | 06:58 | 10:26 | | 84 | 10:47 | 14:23 | 21:35 |
| 177 | 05:24 | 07:12 | 10:47 | | 81 | 10:58 | 14:37 | 21:55 |