LAKE MURRAY YACHT RACING ASSOCIATION

2020 SUMMER PURSUIT RACING INSTRUCTIONS

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 Lake Murray Yacht Racing Association (LMYRA) and these Sailing Instructions (SI).

1.2 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.

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

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

1.5 Boats will use their accepted rating for the starting sequence. Only boats registered to use spinnakers may use them. A boat not registered to use a spinnaker and does so will be DSQ for that race without a hearing.

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

2. NOTICES TO COMPETITORS and CHANGES TO SI

2.1 By E-mail 24 hours before the start of the race or orally (Ch 66) on the water by the RC {RRS 90.2 (c)}.

3. SIGNALS MADE ASHORE

3.1 Signals made ashore will be displayed from the docked RC signal vessel.

3.2 When flag AP is displayed ashore "1 minute" is replaced with "not less than 45 minutes" in the *Race Signals AP*.

4. SCHEDULE OF RACES

DATE	COURSE	STARTING AREA
Fri June 12	Skipper's Meeting-1830	CSC Clubhouse
Sat June 20	Evening Race #1	Pine Island
Sat June 27	Evening Race #2	Pine Island
Sat July 11	**Single Hand***	**CSC** Near Dam
Sat July 18	Evening Race #3	Pine Island
Sat July 25	**Couples***	**CSC** Near Dam
Sat Aug 1	Evening Race #4	Pine Island
Sat Aug 8	Evening Race #5	Pine Island

*Special Races are covered by their own set of race instructions.

5. CLASS FLAG

5.1 LMYRA Burgee

6. RACING AREA

6.1 The starting area is south of Pine Island. (**approximately 34 deg 3.7' N, 81 deg 15.3' W**)

7. THE COURSES

Course Number	Course	Description	Rounding	Dist.
1	Start-W-Finish	Once around	Port	3.0
2	Start-W-P-W-Finish	Twice around short course	Port	4.0
3	Start-W-P-W-Finish	Twice around long course	Port	6.0

7.1 Finishes will be between RC signal vessel staff with an orange flag and mark P.

7.2 The **course number** will be displayed by the RC vessel before the warning signal. When time permits, RC will announce the course on **VHF Channel 66**. Competitors are encouraged to have a copy of the SIs on board. Starting times for various PHRF ratings are listed in a chart in the SIs. If a registered yacht does not know their starting time they can ask RC.

8. MARKS

The Marks will be tetrahedrons.

P   Start/Finish/Leeward (or Windward, if a downwind start) - Yellow Tetrahedron

W   1 mile (Course No. 2) or 1.5 miles (Courses No. 1 & 3) to Windward or Leeward - Orange Tetrahedron

9. THE START: Races will be started using RRS 26.

Signal	Flag and sound			Minutes before starting the timing sequence signal
Warning	LMYRA Burgee	(raised)	1 sound	5
Preparatory	P flag,	(raised)	1 sound	4
One-minute	P flag	(lowered)	1 long sound	1
Start timing	LMYRA Burgee	(lowered)	1 sound	0

9.1 The scheduled starting sequence begins at **1855** for all races. RC may emit a series of sounds as a gather signal around 1854.

9.2 RC can postpone the start for up to one hour for lack of wind or because of threatening weather. If weather is threatening, RC can abandoned the race one hour before start time without going out to the course. You can call **Columbia Sailing Club at 781-4518 or use Ch 66** one hour before the start of the race to determine if the race will be held. If there is a severe storm warning (not watch or alert) for the lake area or lightning is observed, racing shall be postponed or abandoned. RC may abandon for any reason directly affecting the safety or fairness of the competition (see RRS 32.1).

9.3 RC may attempt to announce this sequence on Ch 66 concurrently with the sounds. Elapsed time after the start will be announced when possible.

9.4 Limit the use of VHF channel 66 during the start and early part of the race.

9.5 The starting line will be a staff with an orange flag on the RC signal boat and a yellow tetrahedron.

9.6 The starting times on the attached chart are indicated in minutes and seconds from the start of the clock (LMYRA burgee down). As each yacht starts it is the responsibility of each yacht to start properly to avoid being scored OCS (started prematurely on course side) which results in a disqualification for the race. The RC signal vessel may attempt to inform a competitor who is OCS. However, RC failure to inform a premature starter is not grounds for redress. No flag "X" will be raised to signal a premature starter (Changes RRS 29.1). A yacht may contact RC to determine if they are over early, and if so, can return and start properly.

10.   TIME LIMIT

10.1   The time limit for any race is 3 hours for competitors to finish. RC may extend the time at their discretion. RC may notify the racers by Ch 66 if the time limit is extended or the RC may assign finish positions to competitors delaying the finish of the race without a hearing.

11.   PENALTY SYSTEM and PROTESTS

11.1   Two turns penalty (RRS 44.2) is in effect.

11.2   Any protest must be filed in writing with the LMYRA Commodore or Protest Chairman by the first Monday night at 2200 after the race.

12.   SCORING and AWARDS

12.1   Awards will be given for each division (Spin and Non-Spin).

PLEASE CONTACT THE FOLLOWING PEOPLE WITH QUESTIONS ABOUT:

Sailing Instructions	Dick Dommel	H: 803-438-1993	rldommel@aol.com
Protest Chairman	Steve Szymanski	C: 803-403-5777	szymanski@msn.com
Registration	Fran Trapp	C: 803-413-6500	fran.trapp25@gmail.com
Ratings:	Ron Loring	C: 803-351-3158	ronloring@gmail.com
Commodore	Matt O'Connor	C: 313-515-5848	moconnor6836@att.net

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