

# LAKE MURRAY YACHT RACING ASSOCIATION

## 2010 SUMMER PURSUIT RACING INSTRUCTIONS

### 1. RULES

- 1.1 The races will be governed by the rules as defined in the *2009-2013 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 each race, received a PHRF handicap rating and paid all applicable dues.
- 1.3 All races are “pursuit” using reverse starts.
- 1.4 Each race will have two divisions: Spinnaker and Non-spinnaker. Before the start of each race, yachts shall declare if they will use a spinnaker or not. Yachts not notifying Race Committee (RC) will be assumed to be racing Spinnaker. RC will have a list of all registered yachts. All boats shall **check in** with the RC prior to the race by passing the RC signal boat stern on starboard (within approximately 20 ft) or by VHF Channel 66 and hailing her number to the RC and declare if she will be sailing Spinnaker or Non-spinnaker. The onus is on each skipper to notify and be acknowledged by the RC.
- 1.5 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 boat.
- 3.2 When flag AP is displayed ashore “1 minute” is replaced with “not less than 30 minutes” in the *Race Signals AP*.

### 4. SCHEDULE OF RACES

DATE	COURSE	STARTING AREA	Race No.
June 4	Skipper’s Meeting	<b>CSC</b>	
June 12	Buoy	Pine Island	1
June 25	<b>Overnight*</b>	<b>CSC</b>	
July 10	<b>Single Hand*</b>	<b>CSC</b>	
July 17	Buoy	Pine Island	2
July 24	<b>Couples*</b>	<b>CSC</b>	
July 31	Buoy	Pine Island	3
Aug 7	Buoy	Pine Island	4

\***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', 81 deg 15.3'**)

## 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 boat staff with an orange flag and P.

7.2 The **course number** will be displayed by the RC boat 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 SI on board. Starting times for various PHRF ratings are listed in a chart in the SI. 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

**Note:** This is the first time that LMYRA has used the P flag as a preparatory signal. This will allow dip starts.

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.

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 Verbal communication with the RC and between competitors is encouraged. However, 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 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 determine if they are over early. A yacht may contact RC to determine if they are over early. If a yacht is over early it may restart by clearing the start line or rounding the ends and not restarting before its proper time. If a yacht is over early and does not properly restart it will be disqualified.

**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 with Hootie Bushardt within three days (Monday night at 2200) after the race.

**12. SCORING and AWARDS**

12.1 Awards will be given for each division and race for the top three finishers immediately after the boats finish. Awards that are not picked up will be used as 4 place finishes for the next week. It is up to the skipper to claim his award.

**PLEASE CONTACT THE FOLLOWING PEOPLE WITH QUESTIONS ABOUT:**

Sailing Instructions:      Dick Dommel      H: 438-1993      rldommel@aol.com

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Race & Protest              Hootie Bushardt      H: 796-4812      bushardt@aol.com  
Committee

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Membership                Bill Grant              Cell: 331-1514      bill2sail@hotmail.com  
Boat Registration

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Ratings:                    Dave Woodruff      Cell: 422-5352      santana471@aol.com

# 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