



# Folsom Lake Yacht Club

## Governor's Cup Series Sailing Instructions

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Last Revision: 8/11/2017

### 1. Rules

- 1.1. The regatta will be governed by the Racing Rules of Sailing 2017-2020 (RRS), the prescriptions of the US Sailing, the rules of the participating classes, and by these sailing instructions.

### 2. Entries

- 2.1. Competitors will check in at Race headquarters located at the FLYC clubhouse in Brown's Ravine.
- 2.2. There will be a skippers meeting each race day to announce classes, starting order and course adjustments.
- 2.3. All boats will be assigned to either One Design, Open Keel, Open Centerboard or Open Multihull classes.
- 2.4. 4 boats of the same design will constitute a class. A class will not be created after any boat in that class has already raced in an open division.

### 3. Notices to Competitors

- 3.1. Notices to Competitors will be posted outside the FLYC clubhouse.

### 4. Changes to Sailing Instructions

- 4.1. Any changes to the Sailing Instructions will be communicated to the competitors at the starting line or at the skippers meeting.

### 5. Signals Made Ashore

- 5.1. Signals made ashore will be displayed on a pole near the FLYC clubhouse or from the Committee boat if dockside.
- 5.2. When flag AP is displayed ashore, '1 minute' is replaced with 'not less than 30 minutes'.

### 6. Schedule of Races

- 6.1. Three (3) races are scheduled each race day. The first warning signal will be no earlier than 11:00am.
- 6.2. The last warning signal will be no later than 3:00pm
- 6.3. If the lake water level is projected to be below 400 feet, then the day's racing will be cancelled.

### 7. Racing Area

- 7.1. A course sheet showing the FLYC circle racing area is available from the Race Committee.

### 8. The Course

- 8.1. The courses are described on the course sheet.
- 8.2. If VHF communication is provided by race committee, channel and radio use will be on VHF 68.

### 9. Marks

- 9.1. The marks are numbered 1-8 as shown on the course chart.
- 9.2. Marks 1-8 are plastic barrels approximately 24" in diameter with the corresponding mark number painted on the side of the barrel. If any mark is missing a yellow inflatable will be used in its place.
- 9.3. RC can set inside marks using the yellow inflatables to create shorter courses. This will be announced at the skippers meeting or on the water.

### 10. The Start

- 10.1. Races will be started as per **RRS #26**, with classes starting as indicated by the class flag and/or placard.
- 10.2. The number of the first mark for each class will be displayed along with the class placard and the course to be sailed.
- 10.3. Multiple sound signals will be made approximately 1 minute before the first warning signal.
- 10.4. Unless otherwise specified at the skipper's meeting, the starts will be rolling starts, with the warning signal for the next class occurring simultaneously with the start of the previous class.
- 10.5. The starting line shall be a red flag between the Race Committee boat and a red flag on a starting mark.
- 10.6. The Race Committee may designate the course no later than the Preparatory signal. **This changes RRS #27.1.**
- 10.7. If a class incurs a General Recall, the Recalled class starts after all other classes have started. **This changes RRS #29.2.**

### 11. Change of Course after the Start

- 11.1. Any changes to the course will be indicated by a Race Committee boat near the next mark. The Race Committee boat shall fly a flag (as indicated below) to designate the course change.
- 11.2. Any change will be accompanied by multiple sound signals and will be signaled before the leading boat reaches the mark.
- 11.3. If a class flag or placard is displayed, the change applies only to that class.
- 11.4. **Code Flags**

- 11.4.1. Code Flag "C", will designate only the next mark of the course to be sailed. Boats will round marks thereafter in keeping with the appropriate course configuration designated for their class.
- 11.4.2. Code Flag "S", will designate that competitors shall finish between the rounding mark and the committee boat.
- 11.4.3. Code Flag "F", will designate that competitors shall round the current mark and then proceed to the finish line.

### 12. The Finish

- 12.1. The finish line will be the same as the start line. The first boat to finish will be given a horn; all other finishers will be given a whistle. After finishing, boats shall keep clear of the finish area until all classes have finished, unless starting another race.
- 12.2. If designated, the last race may finish within Brown's Ravine. The race committee will inform all participants of the exact finish location.

**13. Time Limit**

- 13.1. The leading boat of a class must finish within 2 hours from the start of her class. Boats failing to finish within one (1) hour after the lead boat finishes shall be scored "DNF." **This changes RRS #35.**

**14. Protests**

- 14.1. Protests shall be filed in writing at Regatta Headquarters within 30 minutes of the Race Committee boat arriving dockside, and the hoisting of Code Flag "B" at the committee boat or at the FLYC Clubhouse. USSA Forms for filing protests will be available at clubhouse. Protest notices will be posted at the FLYC Clubhouse within 30 minutes of the end of the protest time limit to inform competitors where and when there will be a hearing in which they are parties to a hearing or named as a witness.
- 14.2. The Protest Committee will be made up of Race Committee members and other competitors who have no vested interest in the outcome of the protest.

**15. Scoring**

- 15.1. The Low-Point Scoring System, Appendix A, will apply, modified so that each boat's regatta score will be the total of her race scores, and with her worst score(s) discarded as shown in the table below:

4-6 Races	1 Discard
7-9 Races	2 Discards
10-12 Races	3 Discards

- 15.2. Open multihull and open centerboard class boats will be scored using the most recent Portsmouth Wind Velocity Handicap numbers (HC) for the average estimated wind velocity of each race. Keel boats competing in a handicap fleet will be scored via PHRF time-on-time method, using the most recent FLYC PHRF class rules. (Please refer to the website at [www.flyc.org](http://www.flyc.org) to procure the PHRF class rules).
- 15.3. If the skipper of a boat entered in the Series performs Race Committee duties for one of the Series race days instead of racing, the boat will receive a score of 1 point for each race in the boat's class on that day. However, this is limited to one race day per series.
- 15.4. Overall Cup scoring will be determined by the best performance of a boat/skipper after race throw-outs. See scoring matrix in the supplemental instructions below.

**16. Safety**

- 16.1. Safety is the primary concern of the Race Committee. All centerboard and multihull boats will have, as a minimum, a 15-foot tow line (painter) attached to their mast or suitable bow fitting while afloat. Keelboats must have a boarding ladder aboard. Rescue boats under the direction of the Race Committee may ask /order skippers and crew to leave boats in distress. Failure to do so when so ordered will result in a disqualification from the entire series or regatta. When Code Flag "Y" is flown from the Race Committee boat, personal flotation devices (PFDs) must be worn by everyone until ashore. Those not complying with this rule shall be disqualified. Every boat shall render all possible assistance to any vessel or person in peril, when in a position to do so. If possible, boats retiring for the day shall notify the Race Committee.

**17. Awards**

- 17.1. Awards will presented as follows:

4 Starters	1 Trophy
5-7 Starters	2 Trophies
8-10 Starters	3 Trophies
11-15 Starters	4 Trophies
16+ Starters	5 Trophies

- 17.2. The boat that comes in 1st place in an individual race will receive an individual race award.
- 17.3. An overall trophy will be presented at the Club Banquet to the overall series winner.

**18. Dock Party**

- 18.1. All participants, family members, and guests are invited to attend a dock party at the conclusion of the day's events. This will be held at the FLYC clubhouse.
- 18.2. Race payments can be made by pre-registering for the series on the membership form or paying for individual race days at the dock party. FLYC Members: \$5 per race, Non-Members: \$10 per race

# Folsom Lake Yacht Club Sailing Instruction Scoring Supplement

This sailing instruction supplement is to be used to determine the winner of the Governor's Cup Trophy. The system is based on the premise that a yacht which wins in a larger fleet is racing better than a yacht which wins in a smaller fleet, and that a yacht which wins after competing in more races is sailing better than a yacht which wins after competing in fewer races.

In a twelve-race, three throw-out regatta, count the nine best finishes for each yacht and add the matrix score for those finishes. The lowest total wins the trophy. If the various competing classes sail an unequal number of races, use the following formula:

One Race	:	Divide the matrix score by .02
Two Races	:	Divide the matrix score by .05
Three Races	:	Divide the matrix score by .11
Four Races	:	Divide the matrix score by .20
Five Races	:	Divide the matrix score by .31
Six Races	:	Divide the matrix score by .44
Seven Races	:	Divide the matrix score by .61
Eight Races	:	Divide the matrix score by .80
Nine Races	:	Use the total matrix score

The lowest resulting score wins the trophy. If two or more yachts are tied after computing the matrix scores, use the following tie-breakers:

- |                    |   |
|--------------------|---|
| First tie-breaker  | : The yacht sailing in the most races wins                          |
| Second tie-breaker | : The yacht sailing in the largest fleet wins                       |
| Third tie-breaker  | : The yacht with the most first places, second places, etc..., wins |

If a tie still exists, declare co-winners.

## Scoring Matrix

### Finishing Place

Boats in class	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	1000																			
2	435	871																		
3	268	535	803																	
4	189	379	568	758																
5	145	290	435	580	725															
6	116	233	349	466	582	699														
7	97	194	290	387	484	581	678													
8	82	165	247	330	412	495	577	660												
9	72	143	215	286	358	430	501	573	644											
10	63	126	189	252	315	379	442	505	568	631										
11	56	113	169	225	281	338	394	450	506	563	619									
12	51	101	152	203	253	304	355	406	456	507	558	608								
13	46	92	138	184	230	276	322	368	414	461	507	553	599							
14	42	84	126	169	211	253	295	337	379	421	463	506	548	590						
15	39	78	116	155	194	233	272	310	349	388	427	465	504	543	582					
16	36	72	108	144	179	215	251	287	323	359	395	431	467	503	538	574				
17	33	67	100	134	167	200	234	267	300	334	367	401	434	467	501	534	567			
18	31	62	93	125	156	187	218	249	280	312	343	374	405	436	467	499	530	561		
19	29	58	88	117	146	175	204	234	263	292	321	350	380	409	438	467	497	526	555	
20	27	55	82	110	137	165	192	220	247	275	302	330	357	384	412	439	467	494	522	549
21	26	52	78	104	130	155	181	207	233	259	285	311	337	363	389	414	440	466	492	518
22	24	49	73	98	122	147	171	196	220	245	269	294	318	343	367	392	416	441	465	490
23	23	46	70	93	116	139	163	186	209	232	255	279	302	325	348	372	395	418	441	464
24	22	44	66	88	110	132	154	177	199	221	243	265	287	309	331	353	375	397	419	441
25	21	42	63	84	105	126	147	168	189	210	231	252	273	294	315	336	357	378	399	420

Adjusted Score Table  
 $As = F_p (1000) / N^{1.2}$   
 As = Adjusted Score  
 F<sub>p</sub> = Finishing Place  
 N = Number of boats in the class