



Folsom Lake Yacht Club

Governor's Cup Series Sailing Instructions

Last Revision: 9/7/2018

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 1:00pm.
- 6.2. The last warning signal will be no later than 5:00pm
- 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 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_p = Finishing Place
 N = Number of boats in the class