

Folsom Lake Yacht Club Sailing Instruction Supplement

This sailing instruction supplement is to be used to determine the winners of the Camellia Cup, the Divisional trophies, and the Yacht Club 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 three-race regatta, add the points from the matrix below for the three races. The lowest total wins. If the various competing classes sail an unequal number of races, use the following formula:

One race	:	Divide the matrix score by .17
Two races	:	Divide the matrix score by .5
Three races	:	Use the total matrix score

In a five-race, one throwout regatta, count the four 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 .13
Two races	:	Divide the matrix score by .36
Three races	:	Divide the matrix score by .68
Four races	:	Use the total matrix score
Five races	:	Use the total matrix score for the four best finishes

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
 $A_s = F_p (1000) / N^{1.2}$
 $A_s =$ Adjusted Score
 $F_p =$ Finishing Place
 $N =$ Number of boats in the class