



2021 Hornback Regatta Sailing Instructions

October 16, 2021

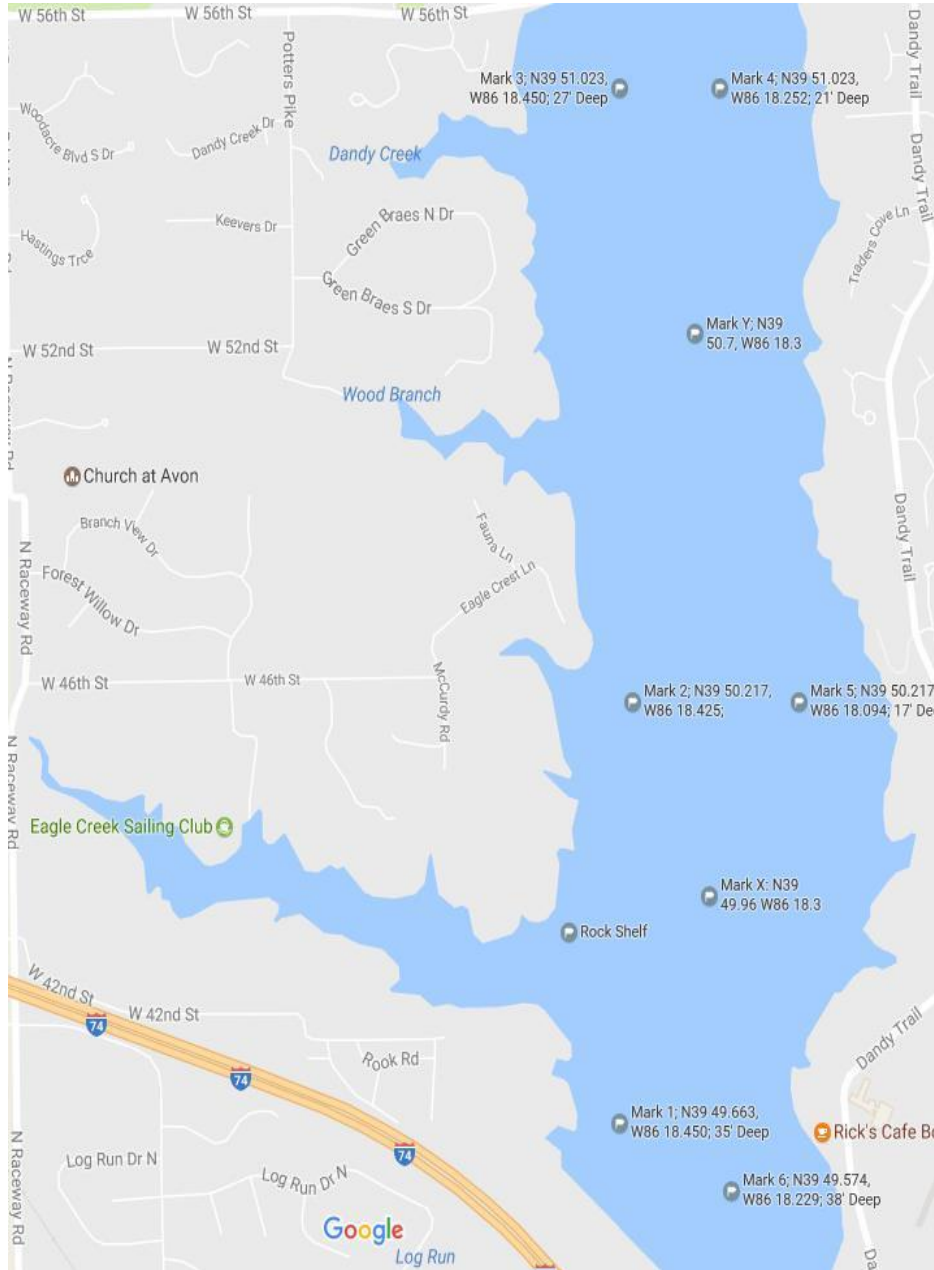


1. **Rules:** The Regatta will be governed by the Rules as defined in the Racing Rules of Sailing (current version).
 - 1.1. **RRS 29.2 General Recall** is modified to allow the race committee to use any amount of time it wishes after the lowering of the general recall flag before resuming racing operations.
2. **Notices to Competitors:** Notices to competitors will be posted on the race committee bulletin board.
3. **Changes to the Sailing Instructions:** Any changes to the sailing instructions will be posted on the bulletin board outside the Race Committee Headquarters building no later than one (1) hour before the first warning on the day that it takes effect.
4. **Signals made ashore:**
 - 4.1. Signals made ashore will be made on the main RC boat at the dock.
 - 4.2. When the flag AP is displayed ashore, "1 minute" is replaced with "not less than 30 minutes" in the race signal AP.
5. **Schedule of Races:**
 - 5.1.1. Saturday, October 16th. First Warning is 12:00 P.M., The last warning signal shall be at the discretion of the Race Committee (4PM approx).
6. **Fleets:** This is a two-fleet regatta. All multi-hull boats in one fleet and the mono-hull boats in the other. All boats in each fleet shall be scored as single PHRF fleet.
7. **Class Flags:** The class flag will be a single multi-colored flag (Red/Blue/White/Green) as both fleets will be in the same starting and racing procedure described below.
8. **Courses:** Courses consist of sixteen (16) pre-determined courses using the eight (8) fixed marks. See Sailing Instructions - Race Course Addendum. Each course is numbered and the Course Number to be sailed will be displayed on the Race Committee boat before each start. For each race, there will be a single start and a single course for both fleets.
9. **Marks:** Are described in attached map.
10. **The Start:**
 - 10.1. The Start Line is between the Orange Flag on the port side of the RC boat and a Permanent Mark or a Temporary Mark located to port of the RC boat.
 - 10.2. The sound of multiple short bursts from the RC horn indicates the Class Flag will be raised in approximately one minute.
 - 10.3. This regatta uses a delayed start where each boat has a pre-determined start time after the Class Flag is lowered. Starting times for each boat are based on A) Course and B) PHRF Number as posted in the Addendum of these Sailing Instructions (section19).
11. **Recalls:** In addition to displaying an Individual Recall ("X") Flag along with the appropriate sound signal, the RC may attempt to call out sail numbers as a courtesy only. Failure of the RC to hail a sail number is not grounds for granting redress.
12. **Finish Line:** The Finish Line is between the orange flag displayed on the RC boat (including the RIB) and the nearest designated Finish Permanent Mark or nearest designated Finish Temporary Mark to the RC boat (including the RIB, aircraft carrier or other designated sailing/boating vessel). This changes Race Signals.
13. **Time Limit**
 - 13.1. If no boat has passed the first mark within 30 minutes of that class's start the race will be abandoned.
 - 13.2. If no boat has finished within 90 minutes of that class's start the race will be abandoned.
 - 13.3. Boats failing to finish within 30 minutes after the first boat sails the course and finishes will be scored Did Not Finish without a hearing. This changes rule 62.1(a).
14. **Protests:**
 - 14.1. The RC vessel shall sound its horn when it returns to its dock. All protests must be filed with the RC at the RC Headquarters shed within 30 minutes of when RC vessel docks and sounds its horn. RC will form protest committee Rule 91.a
 - 14.2. RC will make a verbal announcement at the RC Headquarters shed, which shall include the protestor, protestee, any witnesses and the time and location of the hearing. The RC will allow 30 minutes time for the protested boat to prepare. Failure to hear the announcement shall not constitute grounds for granting redress under rule 62.1(a).
15. **Withdrawal:** If you withdraw from racing, then notify the RC boat and stay clear of boats still racing.
16. **Scoring:** Scoring shall be per the *Low Point Scoring System of Appendix A of RRS* except there will be no throw-out races. At its discretion, the Race Committee may score in-place any boat that is on the final leg to the Finish Line that the RC deems may be delaying the overall pace of the Regatta. No more than three boats may be scored-in-place for any race. There is no scoring penalty for finishing in-place. The two fleets will be scored separately.
17. **Disclaimer of Liability:** Competitors participate in the series at their own risk See RRS 4, Decision to Race. The organizing authority will not accept any liability for material damage or personal injury, or death sustained in conjunction with or prior to, during, or after the regatta.
18. **Racing Chairman:** John Kohne - racing@ecsail.org



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2021 ECSC Regatta Race Courses Addendum



COURSE #	START MARK	COURSE DESCRIPTION	FINISH MARK	LENGTH
1	X	4P 6P	Y	3.65
2	6	XP 1P 6P	X	1.29
3	Y	6P 4P	X	3.65
4	Y	XP YP	X	2.22
5	2	5P 3P 6S 2S	5	3.43
6	2	5S 1S 2S	5	1.68
7	5	2P 1P 6P 4P 5S	2	3.52
8	5	2P 6P 5P	2	1.81
9	1	5P 2S YS 6S 1S	5	2.20
10	1	XS 6S 1S	X	1.22
11	1	6P 2S 5P 3P 1P	6	3.48
12	2	6P 5P 2P	6	2.22
13	5	3P 6S 1S 5P	Y	3.60
14	6	2P 1P 6P	2	2.07
15	5	1S 5P 3P 6S XP	1	4.42
16	5	1P 6P XP	1	1.52

ECSC Regatta

Race Courses Addendum

Start Time Offsets



Monohulls

Course	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Distance	3.65	1.29	3.65	2.22	3.43	1.68	3.52	1.81	2.2	1.22	3.48	2.22	3.6	2.07	4.42	1.52
PHRF																
306	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
303	0:00:11	0:00:04	0:00:11	0:00:07	0:00:10	0:00:05	0:00:11	0:00:05	0:00:07	0:00:04	0:00:10	0:00:07	0:00:11	0:00:06	0:00:13	0:00:05
294	0:00:44	0:00:15	0:00:44	0:00:27	0:00:41	0:00:20	0:00:42	0:00:22	0:00:26	0:00:15	0:00:42	0:00:27	0:00:43	0:00:25	0:00:53	0:00:18
291	0:00:55	0:00:19	0:00:55	0:00:33	0:00:51	0:00:25	0:00:53	0:00:27	0:00:33	0:00:18	0:00:52	0:00:33	0:00:54	0:00:31	0:01:06	0:00:23
288	0:01:06	0:00:23	0:01:06	0:00:40	0:01:02	0:00:30	0:01:03	0:00:33	0:00:40	0:00:22	0:01:03	0:00:40	0:01:05	0:00:37	0:01:20	0:00:27
285	0:01:17	0:00:27	0:01:17	0:00:47	0:01:12	0:00:35	0:01:14	0:00:38	0:00:46	0:00:26	0:01:13	0:00:47	0:01:16	0:00:43	0:01:33	0:00:32
282	0:01:28	0:00:31	0:01:28	0:00:53	0:01:22	0:00:40	0:01:24	0:00:43	0:00:53	0:00:29	0:01:24	0:00:53	0:01:26	0:00:50	0:01:46	0:00:36
276	0:01:49	0:00:39	0:01:49	0:01:07	0:01:43	0:00:50	0:01:46	0:00:54	0:01:06	0:00:37	0:01:44	0:01:07	0:01:48	0:01:02	0:02:13	0:00:46
273	0:02:00	0:00:43	0:02:00	0:01:13	0:01:53	0:00:55	0:01:56	0:01:00	0:01:13	0:00:40	0:01:55	0:01:13	0:01:59	0:01:08	0:02:26	0:00:50
270	0:02:11	0:00:46	0:02:11	0:01:20	0:02:03	0:01:00	0:02:07	0:01:05	0:01:19	0:00:44	0:02:05	0:01:20	0:02:10	0:01:15	0:02:39	0:00:55
267	0:02:22	0:00:50	0:02:22	0:01:27	0:02:14	0:01:06	0:02:17	0:01:11	0:01:26	0:00:48	0:02:16	0:01:27	0:02:20	0:01:21	0:02:52	0:00:59
264	0:02:33	0:00:54	0:02:33	0:01:33	0:02:24	0:01:11	0:02:28	0:01:16	0:01:32	0:00:51	0:02:26	0:01:33	0:02:31	0:01:27	0:03:06	0:01:04
261	0:02:44	0:00:58	0:02:44	0:01:40	0:02:34	0:01:16	0:02:38	0:01:21	0:01:39	0:00:55	0:02:37	0:01:40	0:02:42	0:01:33	0:03:19	0:01:08
251	0:03:21	0:01:11	0:03:21	0:02:02	0:03:09	0:01:32	0:03:14	0:01:40	0:02:01	0:01:07	0:03:11	0:02:02	0:03:18	0:01:54	0:04:03	0:01:24
249	0:03:28	0:01:14	0:03:28	0:02:07	0:03:16	0:01:36	0:03:21	0:01:43	0:02:05	0:01:10	0:03:18	0:02:07	0:03:25	0:01:58	0:04:12	0:01:27
243	0:03:50	0:01:21	0:03:50	0:02:20	0:03:36	0:01:46	0:03:42	0:01:54	0:02:19	0:01:17	0:03:39	0:02:20	0:03:47	0:02:10	0:04:38	0:01:36
237	0:04:12	0:01:29	0:04:12	0:02:33	0:03:57	0:01:56	0:04:03	0:02:05	0:02:32	0:01:24	0:04:00	0:02:33	0:04:08	0:02:23	0:05:05	0:01:45
236	0:04:15	0:01:30	0:04:15	0:02:35	0:04:00	0:01:58	0:04:06	0:02:07	0:02:34	0:01:25	0:04:04	0:02:35	0:04:12	0:02:25	0:05:09	0:01:46
234	0:04:23	0:01:33	0:04:23	0:02:40	0:04:07	0:02:01	0:04:13	0:02:10	0:02:38	0:01:28	0:04:11	0:02:40	0:04:19	0:02:29	0:05:18	0:01:49
231	0:04:34	0:01:37	0:04:34	0:02:47	0:04:17	0:02:06	0:04:24	0:02:16	0:02:45	0:01:31	0:04:21	0:02:47	0:04:30	0:02:35	0:05:31	0:01:54
225	0:04:56	0:01:44	0:04:56	0:03:00	0:04:38	0:02:16	0:04:45	0:02:27	0:02:58	0:01:39	0:04:42	0:03:00	0:04:52	0:02:48	0:05:58	0:02:03
222	0:05:07	0:01:48	0:05:07	0:03:06	0:04:48	0:02:21	0:04:56	0:02:32	0:03:05	0:01:42	0:04:52	0:03:06	0:05:02	0:02:54	0:06:11	0:02:08
219	0:05:18	0:01:52	0:05:18	0:03:13	0:04:58	0:02:26	0:05:06	0:02:37	0:03:11	0:01:46	0:05:03	0:03:13	0:05:13	0:03:00	0:06:25	0:02:12
216	0:05:29	0:01:56	0:05:29	0:03:20	0:05:09	0:02:31	0:05:17	0:02:43	0:03:18	0:01:50	0:05:13	0:03:20	0:05:24	0:03:06	0:06:38	0:02:17
213	0:05:39	0:02:00	0:05:39	0:03:26	0:05:19	0:02:36	0:05:27	0:02:48	0:03:25	0:01:53	0:05:24	0:03:26	0:05:35	0:03:13	0:06:51	0:02:21
204	0:06:12	0:02:12	0:06:12	0:03:46	0:05:50	0:02:51	0:05:59	0:03:05	0:03:44	0:02:04	0:05:55	0:03:46	0:06:07	0:03:31	0:07:31	0:02:35
198	0:06:34	0:02:19	0:06:34	0:04:00	0:06:10	0:03:01	0:06:20	0:03:15	0:03:58	0:02:12	0:06:16	0:04:00	0:06:29	0:03:44	0:07:57	0:02:44
186	0:07:18	0:02:35	0:07:18	0:04:26	0:06:52	0:03:22	0:07:02	0:03:37	0:04:24	0:02:26	0:06:58	0:04:26	0:07:12	0:04:08	0:08:50	0:03:02
183	0:07:29	0:02:39	0:07:29	0:04:33	0:07:02	0:03:27	0:07:13	0:03:43	0:04:31	0:02:30	0:07:08	0:04:33	0:07:23	0:04:15	0:09:04	0:03:07
180	0:07:40	0:02:43	0:07:40	0:04:40	0:07:12	0:03:32	0:07:24	0:03:48	0:04:37	0:02:34	0:07:18	0:04:40	0:07:34	0:04:21	0:09:17	0:03:12
177	0:07:51	0:02:46	0:07:51	0:04:46	0:07:22	0:03:37	0:07:34	0:03:53	0:04:44	0:02:37	0:07:29	0:04:46	0:07:44	0:04:27	0:09:30	0:03:16
174	0:08:02	0:02:50	0:08:02	0:04:53	0:07:33	0:03:42	0:07:45	0:03:59	0:04:50	0:02:41	0:07:39	0:04:53	0:07:55	0:04:33	0:09:43	0:03:21
171	0:08:13	0:02:54	0:08:13	0:05:00	0:07:43	0:03:47	0:07:55	0:04:04	0:04:57	0:02:45	0:07:50	0:05:00	0:08:06	0:04:39	0:09:57	0:03:25

To find your start time:

1. Find the course number being sailed.
2. Find the PHRF number for your boat for that course.
3. Your start is the indicated offset from the Class Flag down signal.

Hint: Highlight your PHRF row to easily see you start time offset.

Example: Course number: 5
 Boat PHRF: 216
 Your boat starts at 5:09 after class flag down

ECSC Regatta

Race Courses Addendum

Start Time Offsets



Multihulls

Course	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Distance	3.65	1.29	3.65	2.22	3.43	1.68	3.52	1.81	2.2	1.22	3.48	2.22	3.6	2.07	4.42	1.52
PHRF																
168	0:08:24	0:02:58	0:08:24	0:05:06	0:07:53	0:03:52	0:08:06	0:04:10	0:05:04	0:02:48	0:08:00	0:05:06	0:08:17	0:04:46	0:10:10	0:03:30
162	0:08:46	0:03:06	0:08:46	0:05:20	0:08:14	0:04:02	0:08:27	0:04:21	0:05:17	0:02:56	0:08:21	0:05:20	0:08:38	0:04:58	0:10:36	0:03:39
126	0:10:57	0:03:52	0:10:57	0:06:40	0:10:17	0:05:02	0:10:34	0:05:26	0:06:36	0:03:40	0:10:26	0:06:40	0:10:48	0:06:13	0:13:16	0:04:34
102	0:12:25	0:04:23	0:12:25	0:07:33	0:11:40	0:05:43	0:11:58	0:06:09	0:07:29	0:04:09	0:11:50	0:07:33	0:12:14	0:07:02	0:15:02	0:05:10
99	0:12:36	0:04:27	0:12:36	0:07:40	0:11:50	0:05:48	0:12:09	0:06:15	0:07:35	0:04:13	0:12:00	0:07:40	0:12:25	0:07:08	0:15:15	0:05:15
69	0:14:25	0:05:06	0:14:25	0:08:46	0:13:33	0:06:38	0:13:54	0:07:09	0:08:41	0:04:49	0:13:45	0:08:46	0:14:13	0:08:11	0:17:28	0:06:00
60	0:14:58	0:05:17	0:14:58	0:09:06	0:14:04	0:06:53	0:14:26	0:07:25	0:09:01	0:05:00	0:14:16	0:09:06	0:14:46	0:08:29	0:18:07	0:06:14
57	0:15:09	0:05:21	0:15:09	0:09:13	0:14:14	0:06:58	0:14:36	0:07:31	0:09:08	0:05:04	0:14:27	0:09:13	0:14:56	0:08:35	0:18:21	0:06:18
45	0:15:53	0:05:37	0:15:53	0:09:39	0:14:55	0:07:18	0:15:19	0:07:52	0:09:34	0:05:18	0:15:08	0:09:39	0:15:40	0:09:00	0:19:14	0:06:37

To find your start time:

1. Find the course number being sailed.
2. Find the PHRF number for your boat for that course.
3. Your start is the indicated offset from the Class Flag down signal.

Hint: Highlight your PHRF row to easily see you start time offset.

Example: Course number: 5
 Boat PHRF: 216
 Your boat starts at 5:09 after class flag down