

2024 Series Racing Sailing Instructions



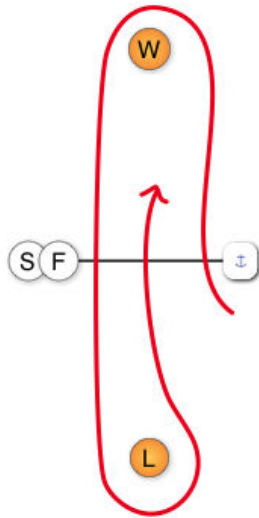
1. **Rules:** The Racing Series will be governed by the rules as defined in The Racing Rules of Sailing.
2. **Notices to Competitors:** Notices to competitors will be posted on the bulletin board outside the RC Headquarters.
3. **Changes to the Sailing Instructions:** Any changes to the sailing instructions will be posted 1.0 hour before the first start on the day that it takes effect, except that any changes to the schedule will be posted one week in advance.
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. **Class Flags:** Class flags will be the color of their respective PHRF fleets as listed in the NOR and may be combined at the discretion of the race committee. Blue Fleet will always start with White Fleet.
6. **Racing Area:** The racing area will be Eagle Creek Reservoir.
7. **Courses.** Courses may use permanent marks in conjunction with temporary buoys. Courses will be indicated on the starboard side of the RC vessel using placards to indicate the marks and order of rounding. Course placards will have the Mark designation with a red or green background to designate the rounding. Temporary buoys (orange & white balls) shall be recognized as T, T1, T2, ETC. in the order of rounding. Gates will use yellow marker buoys and yellow placards.
8. **Marks:** Marks will be either the permanent race marks, temporary Orange, Red, White or Yellow Buoys. The approximate location of permanent marks is indicated in the attached map. Permanent marks that have drifted from their designated location shall not be grounds for granting redress.
9. **The Start: Wednesday Night and Sunday Series**
 - 9.1. The starting line will be between a staff displaying an orange flag on the starting vessel at the starboard end and the course side of the port-end starting mark. The port end may be a permanent mark, an orange ball, or a white ball.
 - 9.2. Boats whose warning signal has not been made shall not interfere with the starting sequence for other races.
 - 9.3. **RRS 29.2 General Recall** is modified to allow the race committee to use any amount of time it wishes after lowering the general recall flag before resuming racing operations.
 - 9.4. As a courtesy to competitors, 5 short sounds will be made approximately 1 minute prior to the next warning signal.
 - 9.5. Most races will be the standard racing format supported by the RRS.
 - 9.6. At the direction of the RC, the racing format can be designated as a **pursuit race**. If this is declared by the racing committee, a course number will be communicated and posted. The start sequence will be the same as the standard and usual 5-minute start sequence except that it will have a duration of just 3 minutes. The warning flag and single horn at the beginning, followed in one minute by the preparatory flag and a single horn, then followed in 1 minute by the taking down of the preparatory flag and its single horn and then the taking down of the fleet flag with its accompanying horn signaling the start for the offset timer. This timer start signal will be the beginning of the offset timer that will be the time used by individual racers to determine how much time after the lowering of the fleets flag will designate their boats start. The offset time for each boat's start is determined by its PHRF and is provided in attachment A. A boat will sail the course in compliance with the RRS and the boats will be scored in the usual manner. Each boat will be scored against boats in its assigned fleet.
 - 9.7. The J22 fleet will start last, and its start will be a rolling start immediately following and simultaneous with the Red Fleet start. It will be a 3-minute start sequence. The J22's warning flag (Fleet Flag) will be raised simultaneously with the lowering of the Red Fleet start flag and the Red Fleet start horn will be the warning horn of the J22 start sequence. The J22 preparatory flag and accompanying single horn will follow the warning flag and horn by 1 minute. One minute subsequent to these signals the preparatory flag will be lowered accompanied by a single horn. The start of the J22 Fleet will be 1 minute after the preparatory flag is lowered and will be signaled by the simultaneous lowering of the warning flag (J22 Fleet Flag) and the sounding of a single horn.
10. **The Finish: Wednesday Night and Sunday Series** The Finish Line will be between the orange flag on the finish vessel and the last mark listed on the course card.
11. **Time limits:**
 - 11.1. If no boat has passed the first mark within 45 minutes of that class's start, the race shall be abandoned.
 - 11.2. If no boat has finished within 90 minutes of that class's start the race shall be abandoned.
 - 11.3. Wednesday Night Series and Sunday Series all boats failing to finish within 30 minutes after the first boat of that class sails the course will be scored together in last position if they are on the last leg of the race, and no other unfinished boats are further behind than the last leg. Boats failing to finish within 30 minutes after the first boat of that class sails the course will be scored together in second to last place if there are other boats still not yet on the last leg of the course. In this event these last referred to boats will be scored together in last place. This changes RRS 35, A4 and A5.
12. **Protests:**
Wednesday Night and Sunday Series
 - 12.1. Protest forms are available at the RC Headquarters. Protests and requests for redress or reopening shall be delivered there within 30 minutes after the RC vessel has docked and sounded its horn.
 - 12.2. RC will post and make a verbal announcement at the race shed no later than 30 minutes after the protest time to inform competitors of hearings in which they are parties or named as witnesses and where the hearings will be held.
 - 12.3. Notices of protests by the race committee, technical committee or protest committee will be posted to inform boats under RRS 61.1(b).
13. **Wind Limits:** When the RC anemometer is available and working, it shall be used to measure the true wind speed for the Wednesday night and Sunday races. Races will be run only if the anemometer wind speed averages more than 3 knot before the start. If the average wind speed before the race does not exceed 3 knots for 30 minutes the race shall be started. The race committee will postpone or abandon races if, in their judgement, the wind is too strong to support safe racing for all fleets.
14. **Cancellations:** If wind conditions are felt by the Racing Chair in consultation with the Race Committee to be hazardous to safe sailing/racing before the race, the Racing Chair may cancel the race for the day and will attempt to give 2 hours' notice to racers. Frequent

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wind gusts above 20 knots of wind or lightning in the area would be examples but not the only reasons for such actions. Cancellations of the race after the start time of the race are at the discretion of the Primary Racing Officer

15. **Withdrawal:** boats who retire before finishing shall contact the RC or safety vessels and declare their retirement from racing. (Does not apply to Sunday Honor Series)
16. **Scoring:** Scoring shall be by the Low Point Scoring System – RRS Appendix A (to include A5.3) will apply except as modified below.
 - 16.1. Boats must compete in at least 33% of scheduled races to qualify for any series. 51% of all races (rounded up to the nearest whole number) shall be scored for any one participant.
17. **Prizes:** Prizes will be awarded as described in the Notice of Race.
18. **Boat and Skipper Qualification:** A boat or a skipper may only be entered once in any series race and the skipper must always be present on the boat for all races that are scored for that skipper and their respective boat in the series.



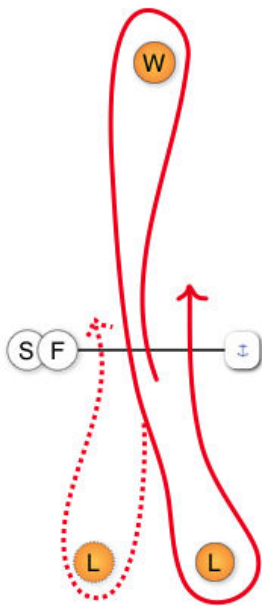
**WINDWARD-
LEEWARD**

**WIND
DIRECTION**

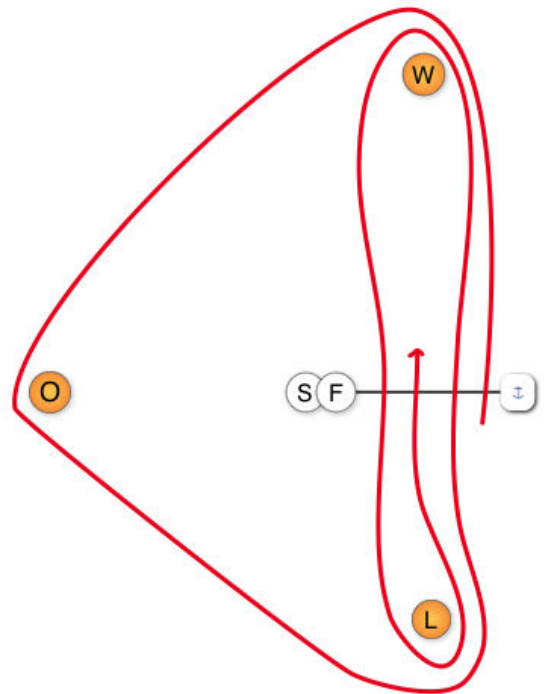


KEY

	Starting mark buoy
	Finish mark buoy
	Leeward rounding mark or leeward port gate
	If present, leeward rounding Mark starboard gate
	Windward rounding mark
	Offset rounding mark
	Race committee signal boat in position as a mark

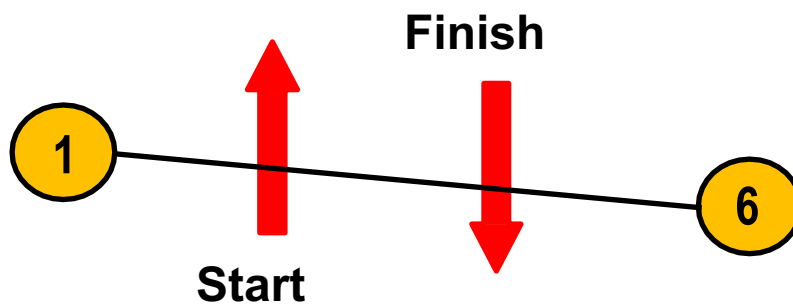
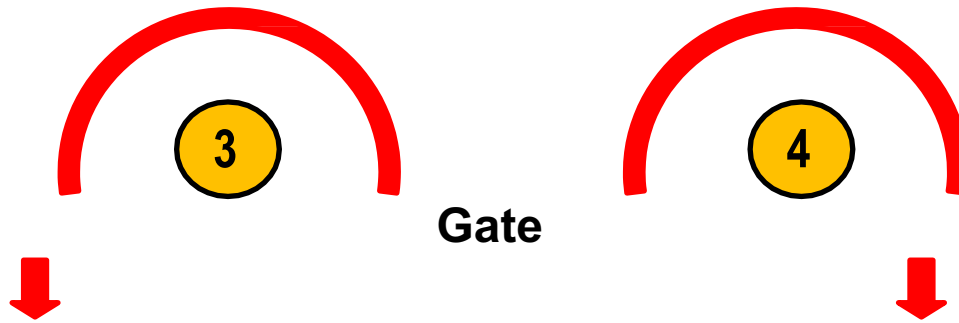


**WINDWARD-
LEEWARD WITH
GATE**

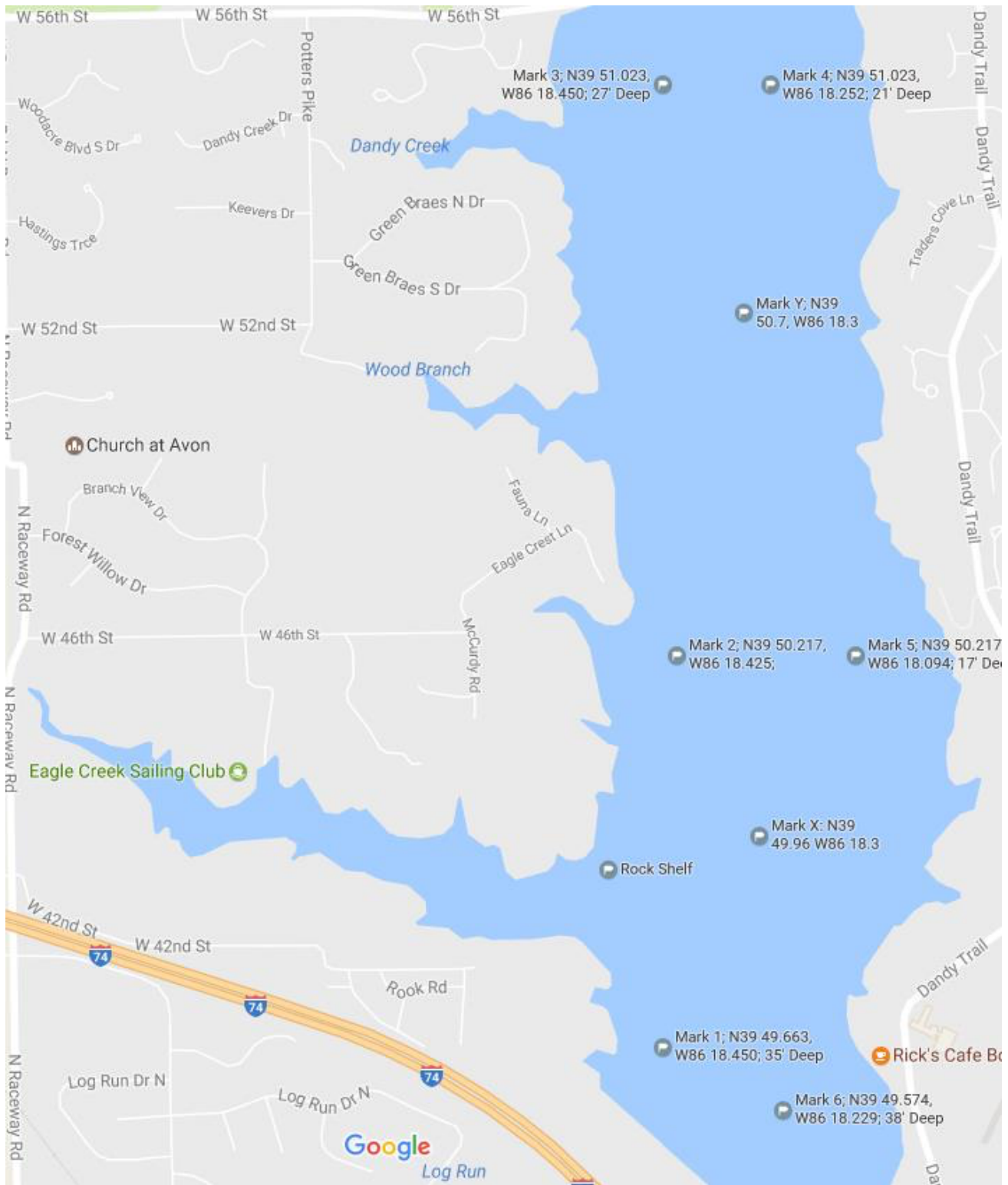


**MODIFIED
OLYMPIC**

Sunday Honors Series Course



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Course	1	2	3	4	5	6	7	8	9	10	11
Distance NM	2.91	4.33	5.08	2.92	3.88	3.88	3.19	4.07	5.11	3.5	3.85
Speed Kts	2.91	3.41	4.12	2.91	3.41	4.12	2.91	3.41	4.12	2.91	3.41
ET Slow Boat	1:00:00	1:16:11	1:13:59	1:00:12	1:08:16	0:56:30	1:05:46	1:11:37	1:14:25	1:12:10	1:07:45
PHRF											
306	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00
303	0:00:13	0:00:16	0:00:16	0:00:13	0:00:14	0:00:12	0:00:14	0:00:15	0:00:16	0:00:15	0:00:14
294	0:00:50	0:01:04	0:01:02	0:00:51	0:00:57	0:00:48	0:00:55	0:01:00	0:01:03	0:01:01	0:00:57
288	0:01:16	0:01:36	0:01:33	0:01:16	0:01:26	0:01:11	0:01:23	0:01:30	0:01:34	0:01:31	0:01:25
285	0:01:28	0:01:52	0:01:49	0:01:29	0:01:40	0:01:23	0:01:37	0:01:45	0:01:50	0:01:46	0:01:40
282	0:01:41	0:02:08	0:02:04	0:01:41	0:01:55	0:01:35	0:01:51	0:02:00	0:02:05	0:02:01	0:01:54
279	0:01:54	0:02:24	0:02:20	0:01:54	0:02:09	0:01:47	0:02:04	0:02:16	0:02:21	0:02:17	0:02:08
276	0:02:06	0:02:40	0:02:36	0:02:07	0:02:24	0:01:59	0:02:18	0:02:31	0:02:36	0:02:32	0:02:22
273	0:02:19	0:02:56	0:02:51	0:02:19	0:02:38	0:02:11	0:02:32	0:02:46	0:02:52	0:02:47	0:02:37
270	0:02:31	0:03:12	0:03:07	0:02:32	0:02:52	0:02:23	0:02:46	0:03:01	0:03:08	0:03:02	0:02:51
267	0:02:44	0:03:28	0:03:22	0:02:45	0:03:07	0:02:34	0:03:00	0:03:16	0:03:23	0:03:17	0:03:05
264	0:02:57	0:03:44	0:03:38	0:02:57	0:03:21	0:02:46	0:03:14	0:03:31	0:03:39	0:03:32	0:03:19
261	0:03:09	0:04:00	0:03:53	0:03:10	0:03:35	0:02:58	0:03:27	0:03:46	0:03:55	0:03:48	0:03:34
258	0:03:22	0:04:16	0:04:09	0:03:23	0:03:50	0:03:10	0:03:41	0:04:01	0:04:10	0:04:03	0:03:48
252	0:03:47	0:04:48	0:04:40	0:03:48	0:04:18	0:03:34	0:04:09	0:04:31	0:04:42	0:04:33	0:04:16
249	0:04:00	0:05:04	0:04:56	0:04:01	0:04:33	0:03:46	0:04:23	0:04:46	0:04:57	0:04:48	0:04:31
243	0:04:25	0:05:36	0:05:27	0:04:26	0:05:01	0:04:10	0:04:50	0:05:16	0:05:29	0:05:19	0:04:59
242	0:04:29	0:05:42	0:05:32	0:04:30	0:05:06	0:04:13	0:04:55	0:05:21	0:05:34	0:05:24	0:05:04
237	0:04:50	0:06:08	0:05:58	0:04:51	0:05:30	0:04:33	0:05:18	0:05:46	0:06:00	0:05:49	0:05:28
234	0:05:03	0:06:24	0:06:13	0:05:04	0:05:45	0:04:45	0:05:32	0:06:01	0:06:16	0:06:04	0:05:42
231	0:05:15	0:06:41	0:06:29	0:05:17	0:05:59	0:04:57	0:05:46	0:06:16	0:06:31	0:06:19	0:05:56
225	0:05:41	0:07:13	0:07:00	0:05:42	0:06:28	0:05:21	0:06:13	0:06:47	0:07:03	0:06:50	0:06:25
222	0:05:53	0:07:29	0:07:16	0:05:54	0:06:42	0:05:33	0:06:27	0:07:02	0:07:18	0:07:05	0:06:39
219	0:06:06	0:07:45	0:07:31	0:06:07	0:06:56	0:05:45	0:06:41	0:07:17	0:07:34	0:07:20	0:06:53
216	0:06:19	0:08:01	0:07:47	0:06:20	0:07:11	0:05:56	0:06:55	0:07:32	0:07:49	0:07:35	0:07:07
213	0:06:31	0:08:17	0:08:02	0:06:32	0:07:25	0:06:08	0:07:09	0:07:47	0:08:05	0:07:50	0:07:22
210	0:06:44	0:08:33	0:08:18	0:06:45	0:07:39	0:06:20	0:07:23	0:08:02	0:08:21	0:08:06	0:07:36
204	0:07:09	0:09:05	0:08:49	0:07:10	0:08:08	0:06:44	0:07:50	0:08:32	0:08:52	0:08:36	0:08:04
198	0:07:34	0:09:37	0:09:20	0:07:36	0:08:37	0:07:08	0:08:18	0:09:02	0:09:23	0:09:06	0:08:33
186	0:08:25	0:10:41	0:10:22	0:08:26	0:09:34	0:07:55	0:09:13	0:10:02	0:10:26	0:10:07	0:09:30
183	0:08:37	0:10:57	0:10:38	0:08:39	0:09:49	0:08:07	0:09:27	0:10:17	0:10:42	0:10:22	0:09:44
177	0:09:03	0:11:29	0:11:09	0:09:04	0:10:17	0:08:31	0:09:55	0:10:48	0:11:13	0:10:53	0:10:13
174	0:09:15	0:11:45	0:11:24	0:09:17	0:10:32	0:08:43	0:10:09	0:11:03	0:11:29	0:11:08	0:10:27
171	0:09:28	0:12:01	0:11:40	0:09:30	0:10:46	0:08:55	0:10:22	0:11:18	0:11:44	0:11:23	0:10:41
168	0:09:40	0:12:17	0:11:56	0:09:42	0:11:00	0:09:07	0:10:36	0:11:33	0:12:00	0:11:38	0:10:55
126	0:12:37	0:16:01	0:15:33	0:12:40	0:14:21	0:11:53	0:13:50	0:15:04	0:15:39	0:15:10	0:14:15
102	0:14:18	0:18:09	0:17:38	0:14:21	0:16:16	0:13:28	0:15:40	0:17:04	0:17:44	0:17:12	0:16:09
99	0:14:31	0:18:25	0:17:53	0:14:34	0:16:31	0:13:40	0:15:54	0:17:19	0:18:00	0:17:27	0:16:23

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69	0:16:37	0:21:06	0:20:29	0:16:40	0:18:54	0:15:39	0:18:13	0:19:50	0:20:36	0:19:59	0:18:45	0:20:36
60	0:17:15	0:21:54	0:21:16	0:17:18	0:19:37	0:16:14	0:18:54	0:20:35	0:21:23	0:20:44	0:19:28	0:20:36
57	0:17:27	0:22:10	0:21:31	0:17:31	0:19:52	0:16:26	0:19:08	0:20:50	0:21:39	0:21:00	0:19:42	0:20:36
45	0:18:18	0:23:14	0:22:33	0:18:21	0:20:49	0:17:14	0:20:03	0:21:50	0:22:41	0:22:00	0:20:39	0:20:36

Course	13	14	15	16	17	18	19	20	21	22	23
Distance NM	2.91	3.4	4.85	3.38	3.79	4.4	3.08	3.85	4.62	3.43	4.43
Speed Kts	2.91	3.41	4.12	2.91	3.41	4.12	2.91	3.41	4.12	2.91	3.41
ET Slow Boat	1:00:00	0:59:49	1:10:38	1:09:41	1:06:41	1:04:05	1:03:30	1:07:45	1:07:17	1:10:43	1:17:57
PHRF											
306	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00
303	0:00:13	0:00:13	0:00:15	0:00:15	0:00:14	0:00:13	0:00:13	0:00:14	0:00:14	0:00:15	0:00:16
294	0:00:50	0:00:50	0:00:59	0:00:59	0:00:56	0:00:54	0:00:53	0:00:57	0:00:57	0:00:59	0:01:06
288	0:01:16	0:01:15	0:01:29	0:01:28	0:01:24	0:01:21	0:01:20	0:01:25	0:01:25	0:01:29	0:01:38
285	0:01:28	0:01:28	0:01:44	0:01:43	0:01:38	0:01:34	0:01:33	0:01:40	0:01:39	0:01:44	0:01:55
282	0:01:41	0:01:41	0:01:59	0:01:57	0:01:52	0:01:48	0:01:47	0:01:54	0:01:53	0:01:59	0:02:11
279	0:01:54	0:01:53	0:02:14	0:02:12	0:02:06	0:02:01	0:02:00	0:02:08	0:02:07	0:02:14	0:02:28
276	0:02:06	0:02:06	0:02:29	0:02:27	0:02:20	0:02:15	0:02:14	0:02:22	0:02:21	0:02:29	0:02:44
273	0:02:19	0:02:18	0:02:43	0:02:41	0:02:34	0:02:28	0:02:27	0:02:37	0:02:36	0:02:44	0:03:00
270	0:02:31	0:02:31	0:02:58	0:02:56	0:02:48	0:02:42	0:02:40	0:02:51	0:02:50	0:02:58	0:03:17
267	0:02:44	0:02:44	0:03:13	0:03:11	0:03:02	0:02:55	0:02:54	0:03:05	0:03:04	0:03:13	0:03:33
264	0:02:57	0:02:56	0:03:28	0:03:25	0:03:16	0:03:09	0:03:07	0:03:19	0:03:18	0:03:28	0:03:49
261	0:03:09	0:03:09	0:03:43	0:03:40	0:03:30	0:03:22	0:03:20	0:03:34	0:03:32	0:03:43	0:04:06
258	0:03:22	0:03:21	0:03:58	0:03:54	0:03:44	0:03:36	0:03:34	0:03:48	0:03:46	0:03:58	0:04:22
252	0:03:47	0:03:46	0:04:27	0:04:24	0:04:12	0:04:03	0:04:00	0:04:16	0:04:15	0:04:28	0:04:55
249	0:04:00	0:03:59	0:04:42	0:04:38	0:04:26	0:04:16	0:04:14	0:04:31	0:04:29	0:04:43	0:05:11
243	0:04:25	0:04:24	0:05:12	0:05:08	0:04:54	0:04:43	0:04:40	0:04:59	0:04:57	0:05:12	0:05:44
242	0:04:29	0:04:28	0:05:17	0:05:13	0:04:59	0:04:47	0:04:45	0:05:04	0:05:02	0:05:17	0:05:50
237	0:04:50	0:04:49	0:05:42	0:05:37	0:05:23	0:05:10	0:05:07	0:05:28	0:05:25	0:05:42	0:06:17
234	0:05:03	0:05:02	0:05:56	0:05:52	0:05:37	0:05:23	0:05:20	0:05:42	0:05:40	0:05:57	0:06:33
231	0:05:15	0:05:14	0:06:11	0:06:06	0:05:51	0:05:37	0:05:34	0:05:56	0:05:54	0:06:12	0:06:50
225	0:05:41	0:05:40	0:06:41	0:06:36	0:06:19	0:06:04	0:06:01	0:06:25	0:06:22	0:06:42	0:07:23
222	0:05:53	0:05:52	0:06:56	0:06:50	0:06:33	0:06:17	0:06:14	0:06:39	0:06:36	0:06:56	0:07:39
219	0:06:06	0:06:05	0:07:11	0:07:05	0:06:47	0:06:31	0:06:27	0:06:53	0:06:50	0:07:11	0:07:55
216	0:06:19	0:06:17	0:07:26	0:07:20	0:07:01	0:06:44	0:06:41	0:07:07	0:07:04	0:07:26	0:08:12
213	0:06:31	0:06:30	0:07:40	0:07:34	0:07:15	0:06:58	0:06:54	0:07:22	0:07:19	0:07:41	0:08:28
210	0:06:44	0:06:43	0:07:55	0:07:49	0:07:29	0:07:11	0:07:07	0:07:36	0:07:33	0:07:56	0:08:45
204	0:07:09	0:07:08	0:08:25	0:08:18	0:07:57	0:07:38	0:07:34	0:08:04	0:08:01	0:08:26	0:09:17
198	0:07:34	0:07:33	0:08:55	0:08:48	0:08:25	0:08:05	0:08:01	0:08:33	0:08:29	0:08:55	0:09:50
186	0:08:25	0:08:23	0:09:54	0:09:46	0:09:21	0:08:59	0:08:54	0:09:30	0:09:26	0:09:55	0:10:56
183	0:08:37	0:08:36	0:10:09	0:10:01	0:09:35	0:09:12	0:09:08	0:09:44	0:09:40	0:10:10	0:11:12
177	0:09:03	0:09:01	0:10:39	0:10:30	0:10:03	0:09:39	0:09:34	0:10:13	0:10:08	0:10:39	0:11:45

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174	0:09:15	0:09:14	0:10:54	0:10:45	0:10:17	0:09:53	0:09:48	0:10:27	0:10:23	0:10:54	0:12:01
171	0:09:28	0:09:26	0:11:08	0:10:59	0:10:31	0:10:06	0:10:01	0:10:41	0:10:37	0:11:09	0:12:18
168	0:09:40	0:09:39	0:11:23	0:11:14	0:10:45	0:10:20	0:10:14	0:10:55	0:10:51	0:11:24	0:12:34
126	0:12:37	0:12:35	0:14:51	0:14:39	0:14:01	0:13:28	0:13:21	0:14:15	0:14:09	0:14:52	0:16:23
102	0:14:18	0:14:15	0:16:50	0:16:37	0:15:54	0:15:16	0:15:08	0:16:09	0:16:02	0:16:51	0:18:35
99	0:14:31	0:14:28	0:17:05	0:16:51	0:16:08	0:15:30	0:15:21	0:16:23	0:16:16	0:17:06	0:18:51
69	0:16:37	0:16:34	0:19:33	0:19:18	0:18:28	0:17:44	0:17:35	0:18:45	0:18:38	0:19:35	0:21:35
60	0:17:15	0:17:12	0:20:18	0:20:02	0:19:10	0:18:25	0:18:15	0:19:28	0:19:20	0:20:19	0:22:24
57	0:17:27	0:17:24	0:20:33	0:20:16	0:19:24	0:18:38	0:18:28	0:19:42	0:19:34	0:20:34	0:22:40
45	0:18:18	0:18:14	0:21:32	0:21:15	0:20:20	0:19:32	0:19:22	0:20:39	0:20:31	0:21:34	0:23:46