



# Avalon Cup



**2022**

## Sailing Instructions

(Revised July 29, 2022)

1. **Rules.** The race, for monohulled sailboats, will be governed by the current rules as defined in *The Racing Rules of Sailing*, prescriptions of US Sailing and ORR EZ, and the Sailing Instructions.
2. **Notice to Competitors.** Notices to competitors will be posted on the official notice board located at the AYC Sailing Center.
3. **Sailing Instructions.** Sailing Instructions can be found at the regatta website:

<https://yachtscoring.com/emenu.cfm?eid=15323>

Any change to the sailing instructions will be posted as soon as practical after the skippers meeting but no later than 0900 of day the change takes place. Official notices will also be posted on *yachtscoring.com*.

4. **Skippers Meeting: Thursday July 28, 2022 – 1900** A skippers meeting will take place at AYC and via Zoom.
5. **Signals Made Ashore.** Signals made ashore will be displayed on the main club flag staff. When flag AP is displayed ashore ‘1 minute’ is replaced with ‘not less than 30 minutes’ in the race signal AP.
6. **Schedule of Races.**

**Classes:**

ORR EZ Racer Cruiser (A)	}	<i>Avalon Cup Fleets</i>
ORR EZ Perf. Cruiser Spinnaker (B)		
ORR EZ Perf. Cruiser Non-Spinnaker (C)		
FS- Flying Scot*		

**All boats must have a VHF radio for CH 78 & 72.**

**Saturday July 30, 2022:**

The Race Committee and all fleets will have a harbor start at **1030** from the Avalon Yacht Club and will proceed through the Ocean Drive Bridge and Townsends Inlet to the starting area (N 39°05.80, W 74°41.08).

Flying Scot fleet: One race in the ocean to the “lump” and back is scheduled  
 \* Participation of the Flying Scot fleet is entirely dependent on having weather conditions that allow the Flying Scots to safely compete offshore. If weather conditions do not allow the Flying Scots to compete on Saturday July 30<sup>th</sup>, the make-up event will be the next Inter-Club buoy races which are scheduled for Saturday August 6<sup>th</sup> on the Great Sound.

**Flying Scot: Warning Signal at 1200**

6. **Schedule of Races** (continued)

**Saturday July 30, 2022** (continued):

ORR EZ fleets: Up to two round-the-buoys races are scheduled in the ocean near Avalon

**ORR EZ fleets 1 and 2: First Warning Signal 1230**  
**No warning signal after 1545**

**Sunday July 31, 2022:**

The Race Committee and all fleets will have a harbor start at **0900** from the Avalon Yacht Club and will proceed through the Ocean Drive Bridge and Townsends Inlet to the starting area (N 39°05.80, W 74°41.08).

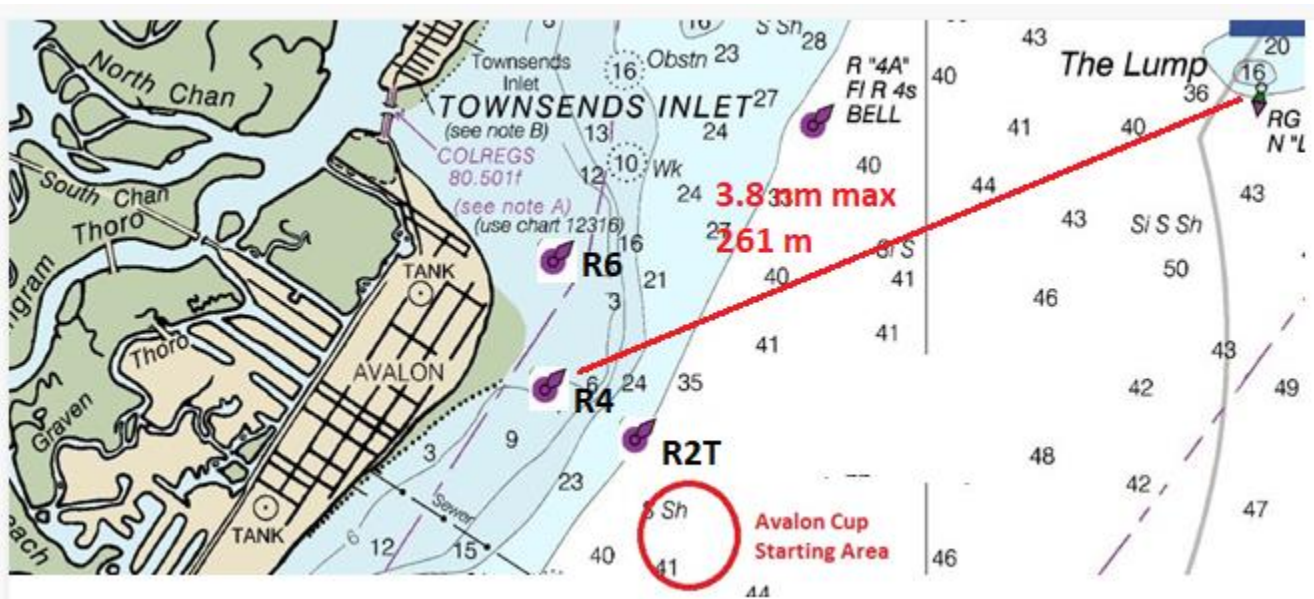
ORR EZ fleets: One distance race to Cape May is scheduled

**ORR EZ fleets 1 and 2: First Warning Signal 1030**

7. **Class Flags.** Class flags shall be used as follows.

Flying Scot	Flying Scot class insignia
ORR EZ Racer Cruiser	signal flag 1
ORR-EZ Perf Cruiser Spinnaker	signal flag 2
ORR-EZ Perf. Cruiser non-Spinnaker fleet	signal flag 2

8. **Racing Area.** The racing area for the Flying Scot division will be the ocean waters between Townsends Inlet and the “Lump” buoy off of Sea Isle City. The racing area for the remaining divisions will be the ocean waters between Townsends Inlet and Cape May Inlet. A single starting line will be located in the area of N 39°05.80’, W 74°41.08’ which is 0.5 miles south-east of the outermost Townsend Inlet channel marker R2T. Approximate location is shown below.



9. **Marks:**  
**Saturday July 30, 2022**

**Flying Scot fleet**

A Green Tomato shaped mark will be the start pin. In the case that a windward mark is set from the starting line, it will be an orange inflatable tetrahedron. The finish marks will be an orange flag on the finish boat and a yellow tetrahedron-shaped mark

**ORR EZ fleet**

Marks 1, 2, 3 will be orange tetrahedrons, Marks used for changes in the course in accordance with USSRR rule 33 will be yellow tetrahedrons. Offset marks if used shall be small Red Balls. Mark 1 shall be the windward mark, Mark 2 (if used) shall be the reaching mark and Mark 3 shall be the leeward mark. Green Tomato shaped marks shall be used for starts/ finishes below the leeward mark.

**Sunday July 31, 2022**

The starting mark for all divisions will be an orange inflatable tetrahedron. In the case that a windward mark is set from the starting line, it will also be an orange inflatable tetrahedron. The finish marks will be a blue flag on the finish boat and a large yellow tomato shape buoy.

The turning marks will be at the following approximate locations:

Flying Scot turning mark: government mark L  
(Located at approximately N 39°07.3', W 74°38.2')

ORR EZ Course turning mark: government mark 3FB  
(Located at approximately N 38°57.5', W 74°42.6')

Note: government mark 3FB may be used as a finish mark if shortening the course is warranted

10. **Courses:**

**Flying Scot fleet course: Saturday July 30, 2022**

The course will be displayed on a course board from the starting line by the RC signal boat. The course will include up to three legs for an approximate total distance of 6 miles. From the starting area, the Flying Scot fleet may sail to an optional windward mark, round in the direction indicated by the RC, then towards the "Lump" buoy (Red/Green Nun "L" located at approximately N 39°07.3', W 74°38.2') leaving it to port. If no windward mark is indicated, the fleet will sail directly from the starting line to the "Lump" buoy, leaving it to port. From the Lump buoy the fleet will sail to the finish line between a committee boat displaying an orange flag, and a large yellow tetrahedron-shaped mark. Boats must cross the finish line from the direction of the last mark. **The Flying Scot Finish area will be located along the direct line between the RG N "L" (Lump) and R"4" (Townsend's Inlet), which is up to 3.8 nm on a course of 261 magnetic.**

## 10. Courses: *(continued)*

### **ORR EZ fleet course: Saturday July 30, 2022**

Courses will be displayed on a course board from the starting line by the RC signal boat. Courses will be designated as T or W followed by the number of legs. Typical courses are displayed below.

- Display “T4” course shall be a triangle course consisting of 4 legs consisting of triangle followed by a windward leg to a finish to windward, all marks to port. Course mark sequence is Start 1-2-3- Finish
- Display “T5” course shall be a triangle course consisting of a triangle followed by windward leg, marks to port, and a finish to leeward through the starting line: Course mark sequence is Start 1, 2, 3, 1, Finish.
- Display “W2” shall be windward/leeward course. Start to Weather taking Mark 1 to port, and a leeward leg to finish. The number of legs to be sailed will be included.
- Display “W3” shall be a windward leeward course consisting of windward leg to Mark 1 to port, a leeward leg to mark 3 to port, another windward leg to windward finish between committee boat blue flag and a green tomato mark above the windward mark.

Finish line for W2 and W4 courses shall be same configuration as the starting line, finishing by crossing the finish line from the course side taking the committee boat to port and the finish mark to starboard. The RC may utilize a start/finish line below the leeward mark. This will incorporate a green tomato mark on the port end. Finishes shall be between the blue flag and the green tomato mark on downwind finishes.

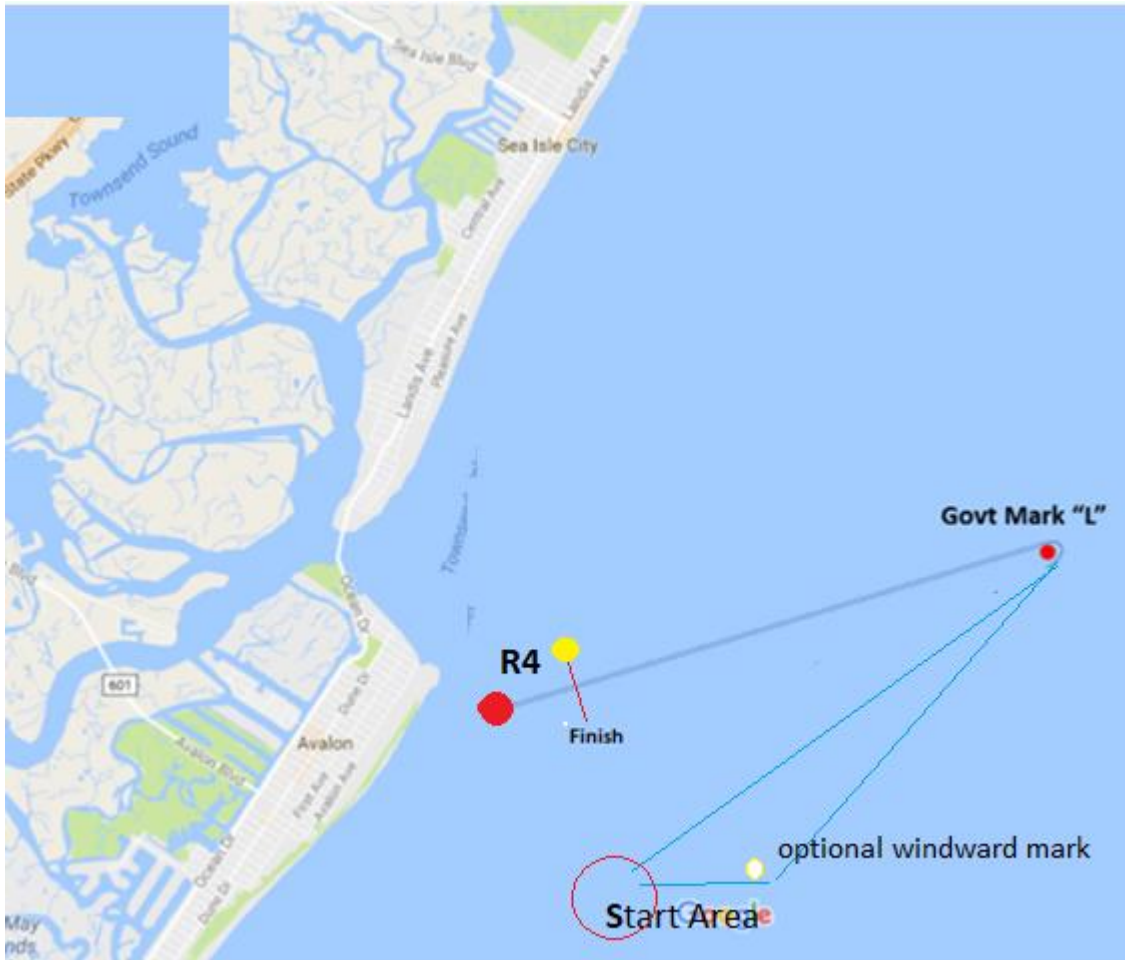
Finishes for W3, T4, W5 etc., to weather, will be between the finish boat with a blue flag to starboard and the weather mark (1) to port. • RC boat course board shall display the course, number of legs, magnetic heading to the first mark.

### **ORR EZ fleet course: Sunday July 31, 2022**

A Distance race including two legs for a total distance of approximately 15 miles. From the starting line, the fleets will sail past the government mark “3FB” at the approximate location N 38°57.5’, W 74°42.6’ leaving it to starboard. From the turning mark the fleet will continue to a finish line between a committee boat displaying an orange flag, and a large orange tomato shape mark. Finish area will be located at approximately N 38.56.029 W 74.50.053. Boats must cross the finish line from the direction of the last mark.

**For any of the above courses, at the discretion of the race committee, a short windward leg may be set from the starting line to an inflatable buoy. In the case that a windward leg is set, the bearing and distance to the first mark, and the direction it is to be rounded (S for Starboard or P for Port), will be announced on VHF 72 and will be displayed on the committee boat.**

## Flying Scot fleet course



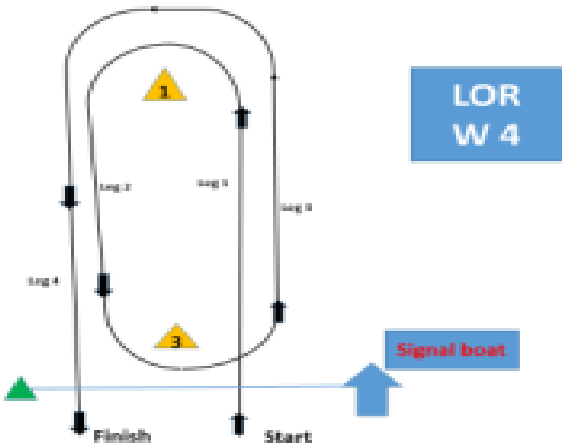
## ORR EZ fleet courses

Saturday July 30, 2022:

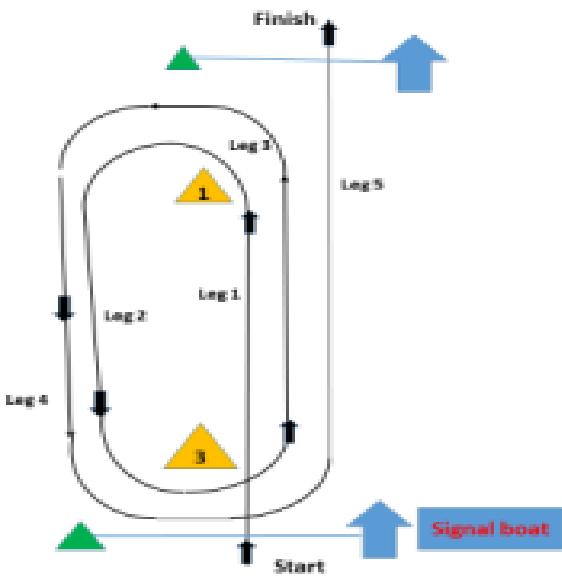


ORR EZ fleet courses (continued)

Saturday July 30, 2022:



LOR W 5



# ORR EZ fleet courses

Sunday July 31, 2022:





11. **The Finish:** The finishing line shall be between a staff displaying an orange flag on the race committee boat and the finishing mark.

**Flying Scot Course:** The Flying Scot Finish area will be located along the direct line between the RG N “L” (Lump) and R”4A” (Townsend Inlet).

**Avalon Cup Course:** The finish line for will be located approximately **N38.56.029 W74.50.053**, which is 1.0 nm due East of 2CM along the line between 3FB and 2CM

12. **Obstruction:** Section not used.

**13. The Start – All Fleets**

- 13.1 Prior to the initiation of a starting sequence, the RC signal boat may as a courtesy make 4 horn signals and display code flag F (a white flag with a red diamond) and announce via VHF radio the course information, order of start and other information. The F flag will be lowered with 4 horn signals.
- 13.2 Races will be started by using RRS 26 (five-minute countdown). Class flags will be used as described in section 6 of these SIs.
- 13.3 The starting line will be between a staff flying an orange flag on the race committee boat and the starting mark.
- 13.4 Boats whose warning signal has not been made shall avoid the starting area during the starting sequence for other fleets.
- 13.5 The RC May change the order of starts and combine fleets in starting sequence from the water. Fleet B & C will start together with signal flag 2.
- 13.6 In addition to the prescriptions of RRS 29 for individual recalls, the Race Committee will attempt to hail boats identified as On the Course Side (OCS) on VHF channel 72 or by verbal hails. The failure to hail, the hail of some but not all boats, untimely hail of a boat or boats shall not be grounds for granting redress (changes RRS 62.1 (a)).
- 13.7 Boats not starting within 10 minutes of their starting signal shall be scored DNS.
- 13.8 Recalls: The Race Committee will attempt to hail boats identified as On the Course Side (OCS) on VHF channel 72. The failure to hail, the hail of some but not all boats, untimely hail of a boat or boats shall not be grounds for granting redress (changes RRS 62.1 (a)).

14. **Change of the next leg of the course** shall be governed according to RRS 33

15. **Penalties:** Alternative Penalty: Appendix V parts V1 and V2 shall be in effect.

**16. Time Limits:**

Saturday round-the-buoys races: If first boat does not round Mark 1 within 1 hour of her start signal, or if no boat finishes within 2 hours of her start, the race shall be abandoned. If the first boat in a class finishes within the time limit, boats still competing who have not finished within 20 minutes of the first boat in her class shall be scored TLE.

Sunday distance race: 5.5 Hours from starting signal. Boats failing to finish within sixty (60) minutes of the first boat in their class to finish will be scored Time Limit Expired (TLE).

## 17. Protests and Requests for Redress

- 17.1 If a competitor intends to file a protest, she shall notify the Race Committee at the time of finishing via VHF channel 72 or by verbal hails.
- 17.2 A written protest shall be filed to the Race Committee using US Sailing Protest Form within 45 minutes of the Signal Boat docking time, which will be posted on the notice board and on YS.

## 18. Scoring.

- 18.1 One race shall constitute a series.
- 18.2 The Low Point Scoring Systems, RRS A2 and A4, shall apply with the exception that each competitor's worst score shall *not* be excluded. This modifies RRS A2.
- 18.3 RRS A3 shall apply to all fleets where a ORR-EZ handicap is applied.
- 18.4 ORR EZ fleets shall be scored for class standing as follows:
- Round-the-Buoys Race 1 – 25%
  - Round-the-Buoys Race 2 – 25%
  - Avalon Cup distance Race – 50%
- Completion of at least one race shall constitute a regatta. (If only two buoy races are sailed each race will count equally.)
- If one buoy race is canceled or abandoned before a boat finishes, the distance race shall count as 60% of the total score for class scoring, the remaining Buoy Race shall be the balance of the 40% of the score.
  - All Classes (except Flying Scot) shall compete for the Avalon Cup award for the distance race. The boat with the fastest corrected ORR EZ finish time will be the Avalon Cup Winner.

## 19. Safety Regulations.

- 19.1 Each boat must check in with the race committee boat before the start on race day. A boat that retires from a race shall notify the race committee as soon as possible.
- 19.2 **Life jackets must be worn by all sailors in the Flying Scot fleet at all times.**
- 19.3 All Flying Scots must carry a sound device such as an air horn or whistle

20 – 21. Sections not used

22. **Official Boats.** All official boats of the race committee shall display either a Race Committee flag or the code flag "M". Displaying the code flag M does not indicate the official boat to be a mark of the course as defined in the RRS.

23 – 26. Sections not used

27. **Radio Communication and Emergency Conditions.** All competitors, including Flying Scots, must carry a VHF radio. The Race Committee and AYC patrol boats will monitor and communicate on VHF Channel 72. Emergency conditions should be reported directly to the Race Committee or AYC patrols on VHF Channel 72 or by verbal hails.

28. **Prizes.** Regatta prizes will be awarded as follows:

**The Avalon Cup**                    1<sup>st</sup> place based on **ORR-EZ** standings for **distance race only**

**ORR-Ez** Racer Cruiser (A) 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> overall based on fleet **ORR-Ez** standings

**ORR-Ez** PC Spinnaker (B) 1<sup>st</sup>, 2<sup>nd</sup>, overall based on fleet **ORR-Ez** standings

**ORR-Ez** PC Non Spin (C) 1<sup>st</sup>, 2<sup>nd</sup>, overall based on fleet **ORR-Ez** standings

J/70                                    1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> overall based on finishing position within fleet

Flying Scot                        1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> based on “Lump” race only

J/24                                    1<sup>st</sup> overall based on finishing position within fleet

Prizes for the Flying Scot fleet will be presented at the Avalon Yacht Club during the Saturday evening social. Prizes for all other fleets will be presented at the Corinthian Yacht Club of Cape May as soon as possible after the race committee has docked at CYCCM.

29. **Disclaimer of Liability**

Competitors participate in the regatta entirely at their own risk. See RRS rule 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 regattas.

## Addendum to Sailing Instructions

### RRS 26

#### STARTING RACES

Races shall be started by using the following signals. Times shall be taken from the visual signals; the absence of a sound signal shall be disregarded.

<i>Signal</i>	<i>Flag and sound</i>	<i>Minutes before starting signal</i>
Warning	Class flag; 1 sound	5*
Preparatory	P, I, Z, Z with I, or black flag; 1 sound	4
One-minute	Preparatory flag removed; 1 long sound	1
Starting	Class flag removed; 1 sound	0

\*or as stated in the sailing instructions

**Tidal Current Information:** A free website is available to view current flow predictions for the racing area:

[NOAA Tides and Currents animation](#)