

# Race Packet

## Port Angeles Coastal Regatta

August 12-13, 2023

### Welcome

Welcome to the first annual Port Angeles Coastal Regatta. We're glad you're here.

### Rules and Exceptions

Except where explicitly stated otherwise within this Race Packet, all racing shall be governed by World Rowing Rules of Racing, especially as they apply to Coastal Rowing (Appendix R18) and Beach Sprint Rowing (Appendix R19).

<https://worldrowing.com/technical/rules/>

<https://d2cx26qpfwuhvu.cloudfront.net/worldrowing/wp-content/uploads/2022/02/21114201/FISA-rule-book-EN-2022.pdf#page=309>

<https://d2cx26qpfwuhvu.cloudfront.net/worldrowing/wp-content/uploads/2022/02/21114201/FISA-rule-book-EN-2022.pdf#page=331>

### Age Categories

The U19 and Open age categories will not be used. Instead divisions will be based on a handicap score as described in the section titled "Handicapping."

### Boat Classes

Only the C1x and C2x boat classes will be used. The Coxed Quadruple Sculls will not be part of this regatta.

### Course markers

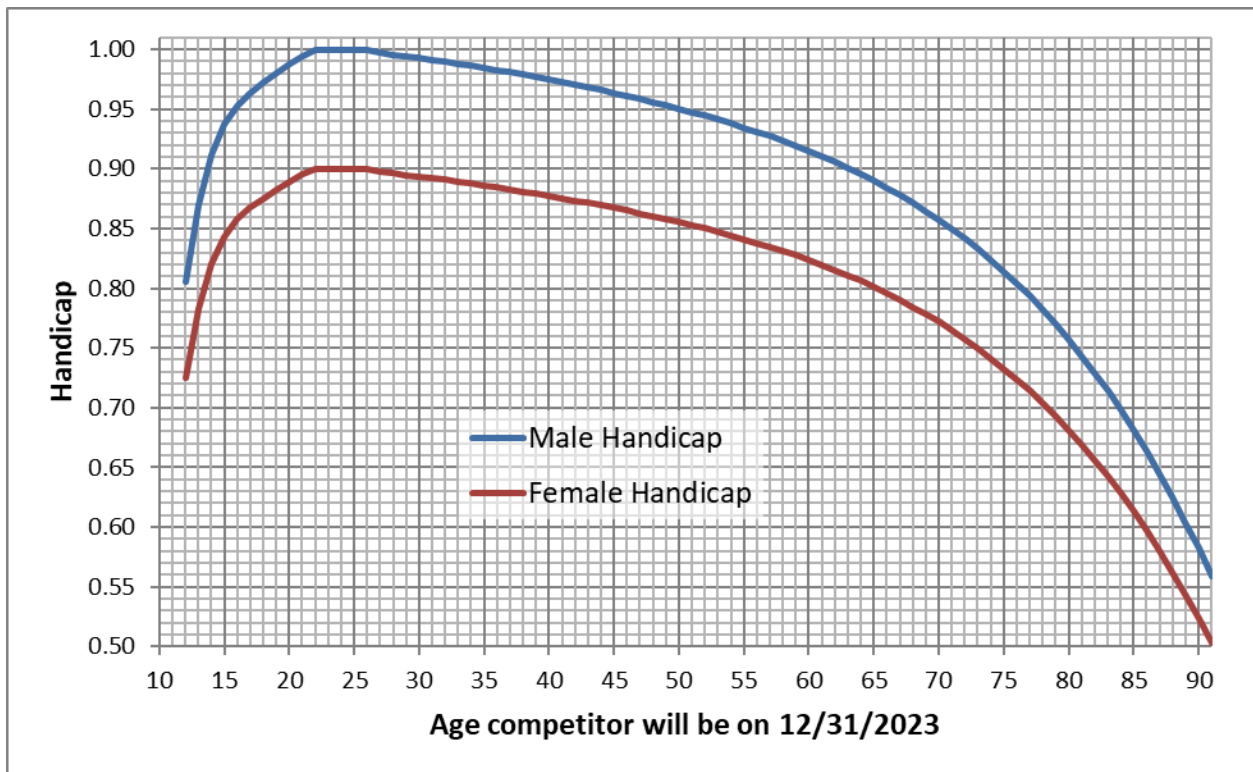
The first 2 course markers will be 30 cm diameter round balls and the farthest turning buoys will be 75 cm (2.5 ft) tetrahedrons. The race format shall be Slalom out/straight back.

### Clothing

Competitors can wear whatever they want and do not need to show their family name or country code on their clothing. Team uniforms are still encouraged but not required. Competitors might be asked to wear removable numbers to identify themselves.

## Handicapping

In order to maintain the flexibility to provide fun and fair competition no matter who enters, a handicapping system will be used to evenly distribute the competitors into racing categories. The handicap system comes from the Royal Maas Yacht Club in The Netherlands (<https://de-maas.nl/correctiefactoren/bestanden/handicapfactoren.html>). In case your Dutch is not very great, we have plotted what the handicaps are for men and women from age 12 to 90. **Please note that you don't need to know what your handicap is, and that the handicaps are not applied to your times—it is only used to form groups of rowers that the handicap system thinks should be competitive with one another.** When registration closes, we will split up the rowers into even groups of 1x competitors and even groups of 2x competitors. The categories for the doubles will be based on the average handicap of the two rowers, not the handicap associated with the average age of the two rowers. (For example, a male 16 year old and a male 60 year old have a combined handicap of  $(0.953 + 0.915)/2 = 0.934$ , not the handicap of a male 38 year old (average of 16 and 60).



### Example

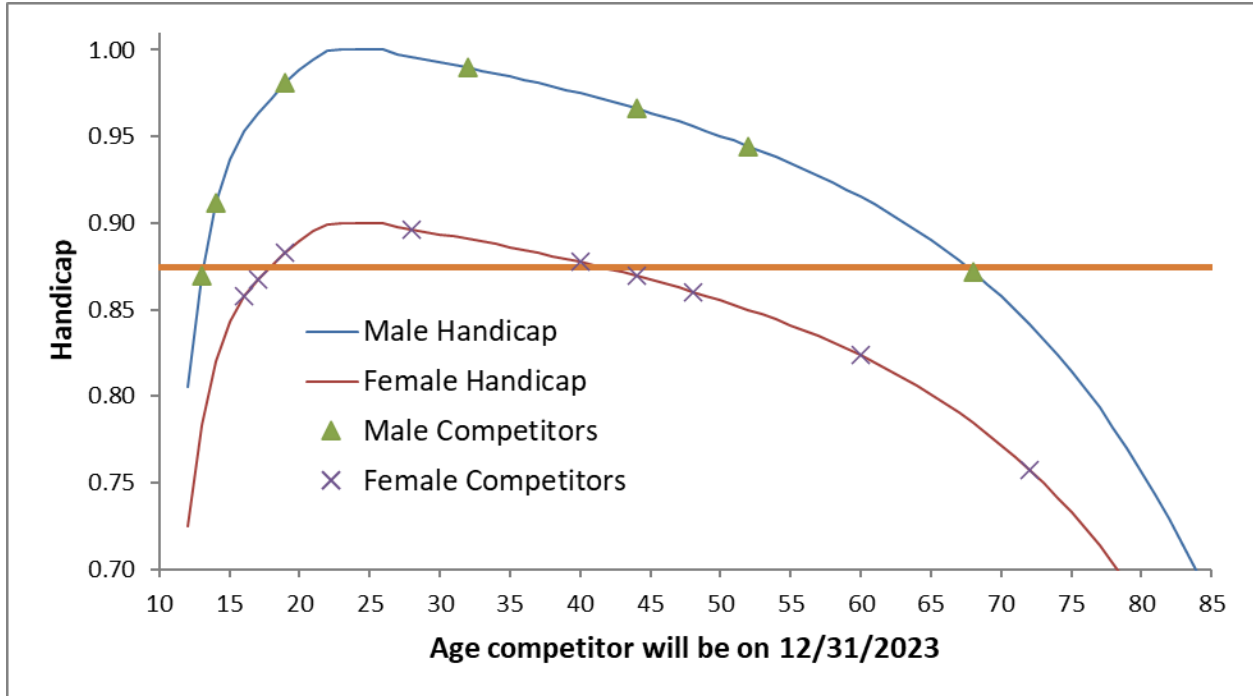
Here is an example of how that will work. Let's assume that we get 7 male competitors aged 13, 14, 19, 32, 44, 52, and 68, and we get 9 female competitors aged 16, 17, 19, 28, 40, 44, 48, 60, and 72. They would each be assigned handicaps as shown in the "Hypothetical Competitors..." table. Then all of the handicaps would be sorted, and then grouped into categories of roughly equal numbers of competitors (in this case 8 competitors per group). The graph after the table shows a more visual breakdown of the handicaps and competition categories, with the horizontal line showing the break between competition categories.

Hypothetical Competitors Registered for Regatta

Age	Male Handicap	Female Handicap
13	0.805	
14	0.953	
16		0.889
17		0.900
19	0.996	0.896
28		0.891
32	0.983	
40		0.877
44	0.966	0.869
48		0.860
52	0.944	
60		0.824
68	0.872	
72		0.757

Competitors sorted and grouped by Handicap

Age	Sex	Handicap	Division
72	Female	0.757	Low
60	Female	0.824	Low
16	Female	0.857	Low
48	Female	0.860	Low
17	Female	0.867	Low
44	Female	0.869	Low
13	Male	0.870	Low
68	Male	0.872	Low
40	Female	0.877	High
19	Female	0.883	High
28	Female	0.896	High
14	Male	0.910	High
52	Male	0.944	High
44	Male	0.966	High
19	Male	0.981	High
32	Male	0.990	High



## Course

The course is on Hollywood Beach in downtown Port Angeles, Washington. It is right in front of the Red Lion Hotel and only 2 blocks from the Black Ball Ferry Terminal with service between Port Angeles and Victoria, BC. There are excellent viewing locations all along the Port Angeles City Pier, including from the viewing tower visible in the Google Earth image below and the picture from the beach. The last two pictures were taken from the tower. In August the marine layer should be clear enough that Mt. Baker will be visible in the background when looking down the race course from the beach.

Large traffic cones will be used on the beach to mark the start/finish line and the boat location. The course will be slalom out, straight back. The first two buoys in each lane will be round 30 cm balls and the rounding buoys will be 75 cm tetrahedrons. Unless the buoys drift off mark, they will remain stationary from mid-Saturday until racing is over on Sunday. This means that early in the morning the course will be shorter than 250 m, and late in the day the course will be longer than 250 m.

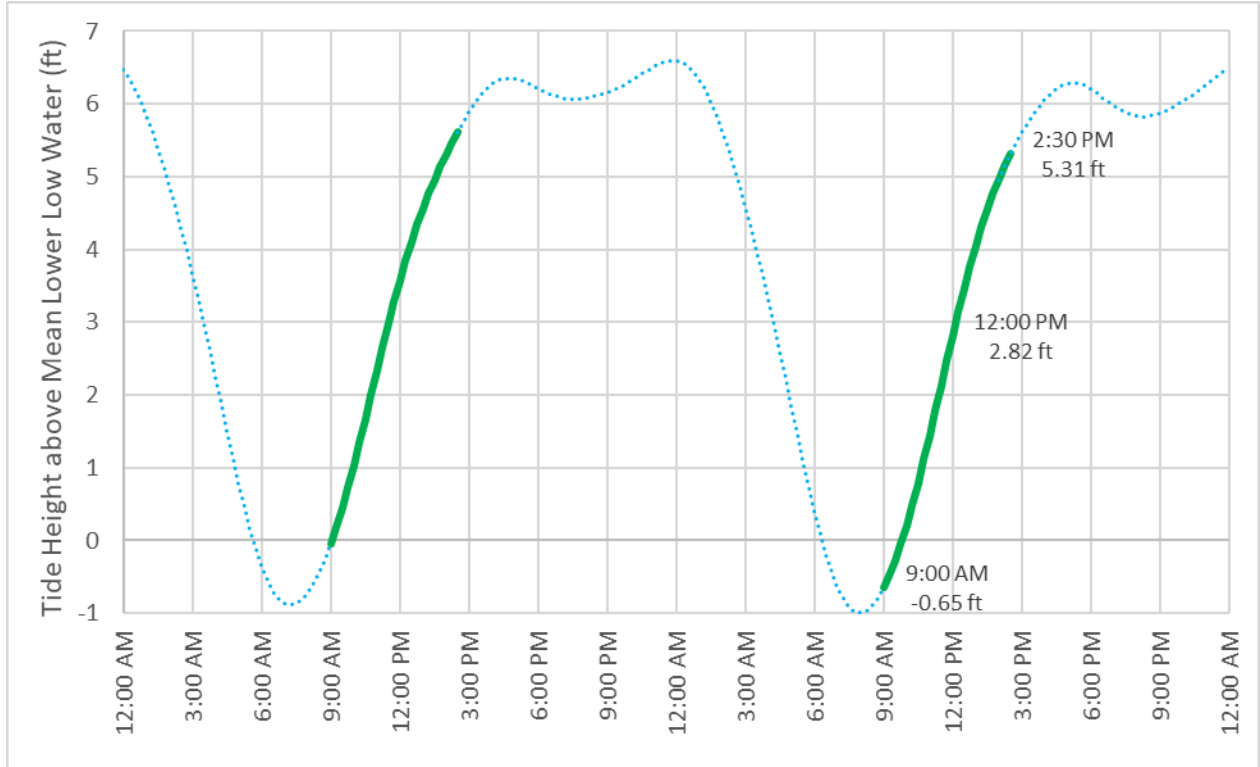




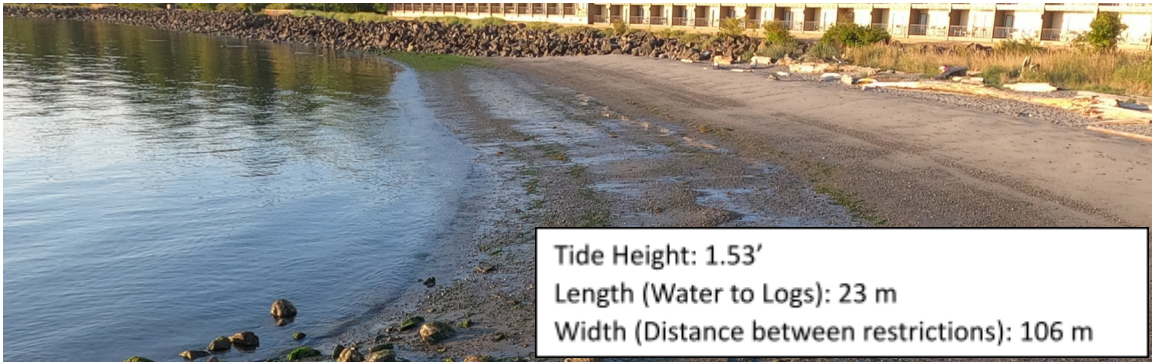
These pictures show common August conditions, with a mild west wind. In those conditions, the 180 degree turn will be into the wind. There is no shore break and Ediz Hook and the Pier combine to eliminate large ocean swell and even most chop until beyond the second buoy.

## Tide Levels for August 12-13 2023

The tide will be low in the morning and rise rather quickly throughout the day, so that by 3:00 pm there will be less than 10 meters between the beach logs and the water (see pictures). The afternoon racing will include a dog-leg to maintain sufficient running distance.



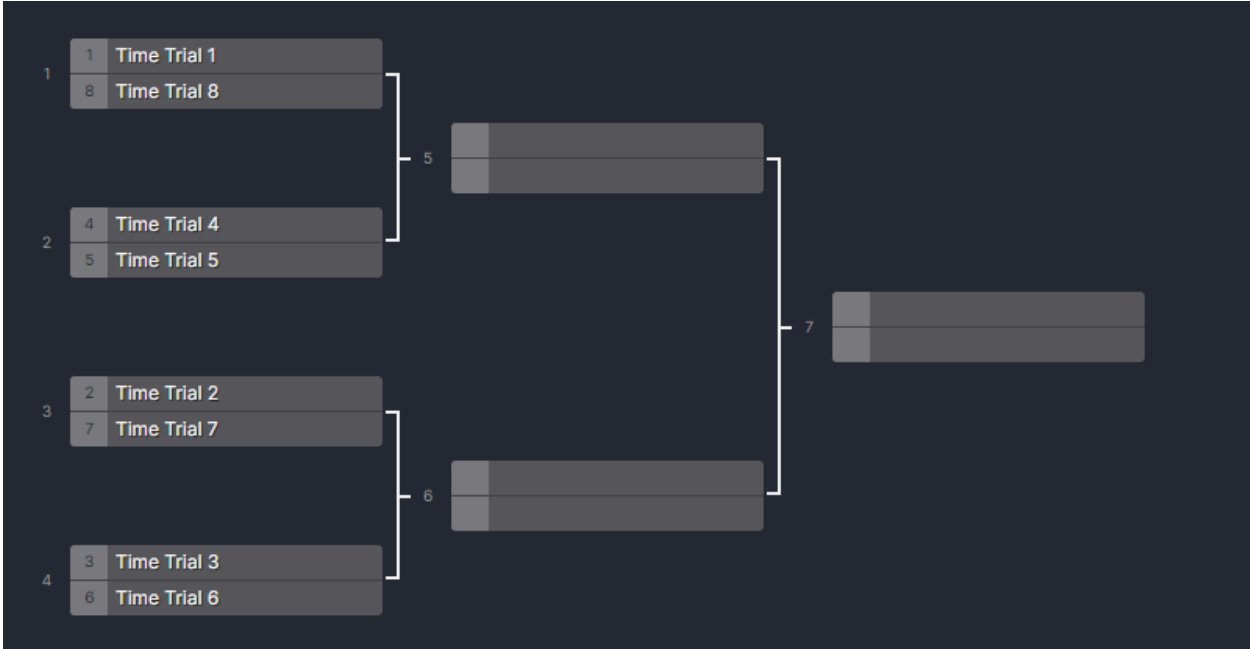
	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM
Saturday											
Aug 12	-0.72	-0.04	1.03	2.33	3.57	4.56	5.30	5.88	6.27	6.34	6.21
Sunday											
Aug 13	-0.99	-0.65	0.21	1.44	2.82	4.05	4.96	5.60	6.06	6.28	6.20



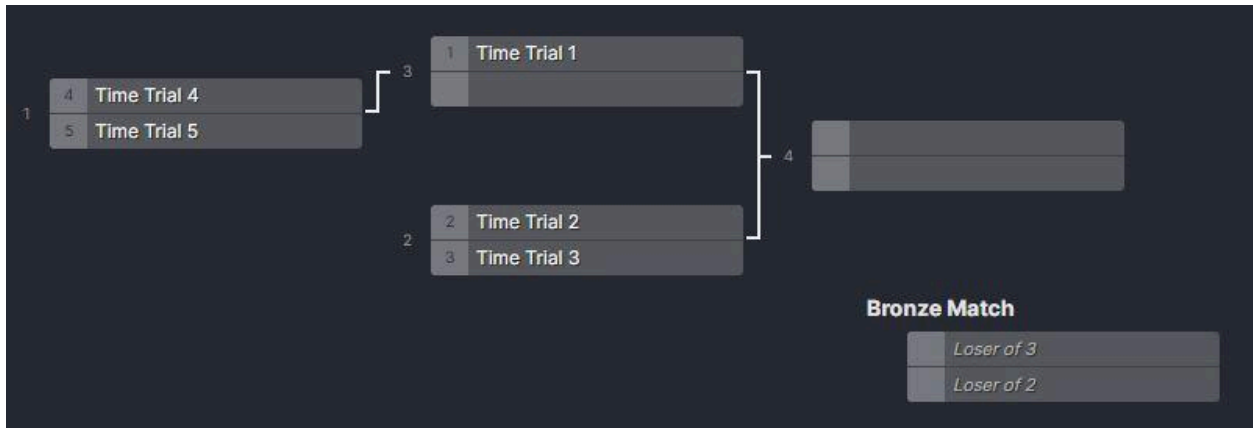
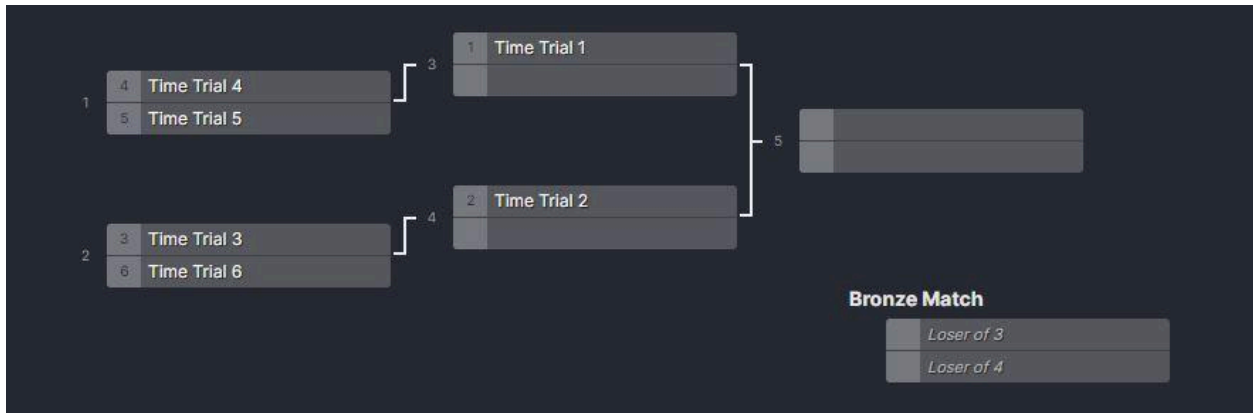


### Brackets

Entries are capped at 16 singles and 16 doubles. If all those positions get filled, the field will be split into two divisions of 8 teams each and the brackets will look like this:



A 7-team bracket looks like this, with the possibility of a Bronze Match depending on how full all the other divisions are.



If there are 4 teams, it will look like the semifinals of an 8-team bracket.

Number of Teams	Time Trials	1/4 Finals or Repechage	Semi Finals	Finals	Total Time per Division (not including breaks)
8	56 min	28 min	14 min	7 min	105 min
7	49 min	21 min	14 min	14 min	98 min
6	42 min	14 min	14 min	14 min	84 min
5	35 min	7 min	14 min	14 min	70 min
4	28 min	--	14 min	14 min	56 min

## Schedule

Saturday will be available for practicing. The course will be set up around noon on Saturday.

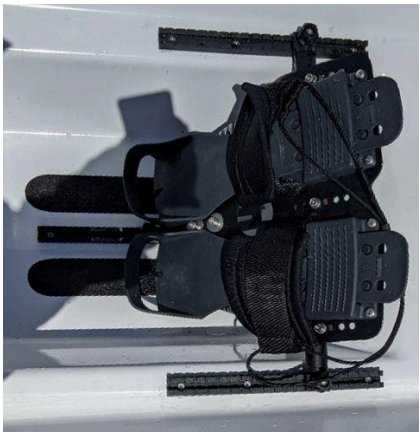
On Sunday, in order to complete all the racing before the tide comes in and only leaves a small amount of beach, racing will start at 9:00 am and we will try to be completed by 3:00 pm. There will be a mandatory Crew Captain/Athlete Meeting sometime between 8:30 am and the start of racing, at the discretion of the Chief Referee. All racing will be on 7 minute centers between starts, with some breaks.

The preliminary schedule is as follows.

Time	Division	Event
9:00 am	Singles	Time Trials (each division uses its own lane for all competitors)
10:03 am	Singles – Low Handicap	Quarter Finals
10:31 am	Singles – High Handicap	Quarter Finals
11:06 am	Singles – Low Handicap	Semi Finals
11:20 am	Singles – High Handicap	Semi Finals
11:34 am	Singles – Low Handicap	Final
11:48 am	Singles – High Handicap	Final
12:02 pm	Doubles	Time Trials (each division uses its own lane for all competitors)
1:05 pm	Doubles – Low Handicap	Quarter Finals
1:33 pm	Doubles – High Handicap	Quarter Finals
2:08 pm	Doubles – Low Handicap	Semi Finals
2:22 pm	Doubles – High Handicap	Semi Finals
2:36 pm	Doubles – Low Handicap	Final
2:50 pm	Doubles – High Handicap	Final

The M/V Coho ferry from Victoria arrives in Port Angeles at noon. In its approach, it hooks close enough to the turn buoys to potentially cause a distraction to the racers. We will try to avoid starting a race when it is in its final approach.

Equipment



Vehicle Parking



Washrooms



# Eats and Drinks

