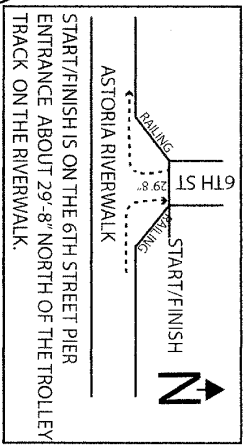




**START/FINISH DETAILS**



**RUN ON THE RIVER HALF-MARATHON**  
ASTORIA, OREGON  
CERTIFICATION #0R180051B  
EFFECTIVE 03/17/18 - 12/31/2028

**MILE POINTS**

STARTS ON THE 6TH STREET PIER ENTRANCE ABOUT 29'-8" NORTH OF THE TROLLEY TRACK ON THE RIVERWALK. START LINE IS WHERE THE RAILING NARROWS AS YOU ENTER THE PIER.  
GPS 46.11.2876 -123.50.1196

MILE 1 IS ON THE RIVERWALK, 39'-8" BEFORE "STOP" AT PORTWAY ST.  
GPS 46.11.1395 123.51.2097

TURNAROUND IS ON THE WESTERNMOST PORTION OF RIVERWALK, 8'-3 1/2" PAST THE 17TH LIGHT POST FROM THE END OF THE RIVERWALK. GPS 46.11.75 -123.51.522  
MILE 2 IS ON THE RIVERWALK, 3'-2" PAST SAMPLING WELL COVER #5195590. GPS 46.11.1079 -123.51.2748

MILE 3 IS ON THE RIVERWALK, 11'-6" PAST THE GREEN ELECTRICAL BOX #380 ON THE LEFT.  
GPS 46.11.2817 -123.50.1961  
MILE 4 IS ON THE RIVERWALK, 5' PAST THE BENCH NORTH OF THE BARBEY MARITIME CENTER.  
GPS 46.11.2544 -123.49.859  
MILE 5 IS ON THE RIVERWALK, 34'-6" PAST THE COMFORT SUITES TROLLEY STATION. GPS 46.11.3780 -123.48.1785

TURNAROUND IS ON THE WEST ARM OF THE 36TH STREET PIER IN THE MIDDLE OF THE PIER (18'-8" FROM EITHER SIDE) AND 17'-3" FROM THE END OF THE PIER. GPS 46.11.4349 -123.48.2546  
TURNAROUND IS ON THE EAST ARM OF THE 36TH STREET PIER IN THE MIDDLE OF THE PIER (18'-8" FROM EITHER SIDE) AND 17'-3" FROM THE END OF THE PIER. GPS 46.11.5138 -123.47.5669

MILE 6 IS ON THE EAST ARM OF THE 36TH STREET PIER AFTER THE TURNAROUND AT THE THIRD DRAIN HOLE PAST THE FIRST CORNER GOING WEST. GPS 46.11.5230 -123.48.144  
MILE 7 IS ON THE RIVERWALK SIDE TRAIL TO CEDAR ST., 62' BEFORE THE TWIN POSTS THAT ARE WEST OF "MOTOR VEHICLES PROHIBITED" SIGN. GPS 46.11.4160 -123.47.2821

TURNAROUND IS ON THE RIVERWALK SIDE TRAIL TO CEDAR ST., ACROSS FROM THE MIDDLE OF THE SEWER COVER AS THE TRAIL EXITS TO CEDAR ST. GPS 46.11.4167 -123.47.1748

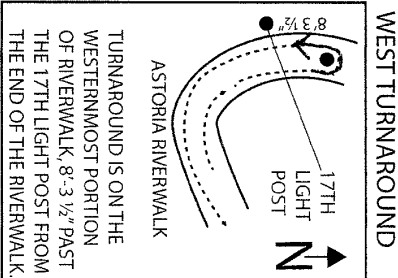
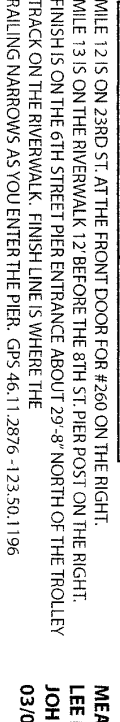
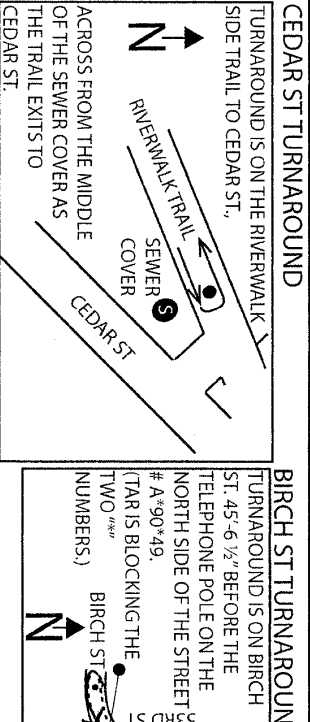
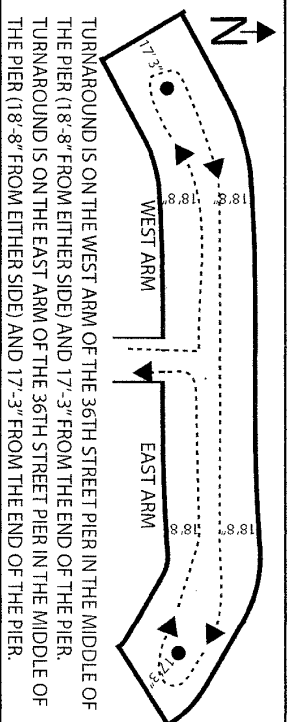
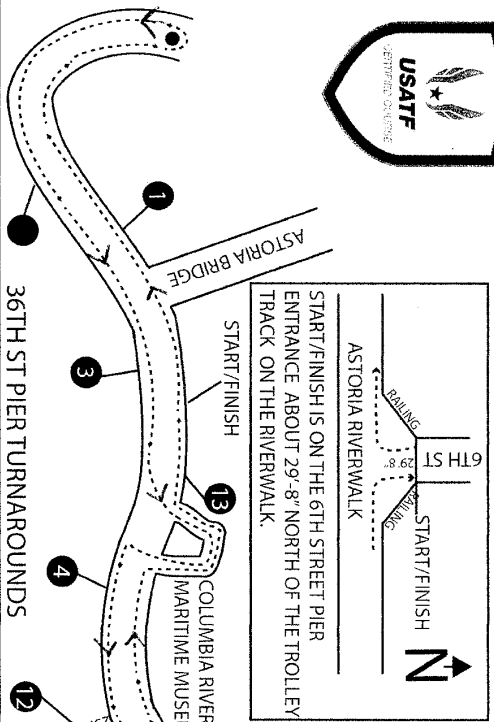
MILE 8 IS ON THE RIVERWALK, 20' AFTER CROSSING THE TRACKS (THIS IS ABOUT 390 METERS AFTER WHERE THE SIDE TRAIL TO CEDAR ST. MEETS THE RIVERWALK).  
GPS 46.11.4755 -123.47.2110  
MILE 9 IS ON ALDER ST. JUST AFTER THE STREET TURNS RIGHT AT THE TOP OF THE HILL, ACROSS FROM THE SIGN "NO PARKING THIS SIDE OF STREET".  
GPS 46.11.5028 -123.46.3192

TURNAROUND IS ON BIRCH ST, 45'-6 1/2" BEFORE THE TELEPHONE POLE ON THE NORTH SIDE OF THE STREET # A\*90\*49. (TAR IS BLOCKING THE TWO \*NUMBERS).  
GPS 46.11.4454 -123.46.4466

MILE 10 IS ON THE RIVERWALK, 18' BEFORE "TRACK OUT OF SERVICE" SIGN. GPS 46.11.5767 -123.46.5205  
MILE 11 IS ON THE RIVERWALK 103' BEFORE THE BENCH AND ACROSS FROM A SMALL FIR TREE WITH A LARGER FIR TREE LEANING TOWARDS IT.

MILE 12 IS ON 23RD ST. AT THE FRONT DOOR FOR #260 ON THE RIGHT.  
MILE 13 IS ON THE RIVERWALK 12' BEFORE THE 8TH ST. PIER POST ON THE RIGHT.  
FINISH IS ON THE 6TH STREET PIER ENTRANCE ABOUT 29'-8" NORTH OF THE TROLLEY TRACK ON THE RIVERWALK. FINISH LINE IS WHERE THE RAILING NARROWS AS YOU ENTER THE PIER. GPS 46.11.2876 -123.50.1196

**MEASURED BY:**  
LEE BARRETT  
JOHN FRAUSTO  
03/03/2018



TURNAROUND IS ON THE WESTERNMOST PORTION OF RIVERWALK, 8'-3 1/2" PAST THE 17TH LIGHT POST FROM THE END OF THE RIVERWALK.



**Road Running Technical Council  
USA Track & Field**

# Measurement Certificate



Name of the course Run on the River Half Marathon Distance 21.0975 km  
 Location (state) Oregon (city) Astoria  
 Type of course: road race  calibration course   
 Measuring method: bicycle  steel tape  electronic distance meter   
 Measured by (name, address, phone & e-mail) Lee Barrett 3027 NE 20th Ave. Portland, OR 97212  
503-867-3836 cudapdx@bendtel.net  
 Race contact (name, address, phone & e-mail) John Frausto 555 Klaskanine Ave. Astoria, OR 97103  
503-791-2552 jfrausto87@gmail.com  
 Date(s) when course measured: March 3, 2018  
 Number of measurements of entire course: 2 Course Configuration: several out/back sections  
 Elevation (meters above sea level) Start 3m Finish 3m Highest 20m Lowest 3m  
 Straight line distance between start & finish 0 Drop 0 m/km Separation 0 %  
 Type of surface: paved 100 % dirt      % gravel      % grass      % track      %  
 Effective date of certification: March 11, 2018 Certification code: OR18005LB

Notice to Race Director: Use this Certification Code in *all* public announcements relating to your race.

## *Be It Officially Noted That*

Based on examination of data provided by the above named measurer, the course described above and in the map attached is hereby certified as reasonably accurate in measurement according to the standards adopted by the Road Running Technical Council. If *any* changes are made to the course, this certification becomes void, and the course must then be recertified.

*Verification of Course* — In the event a National Open Record is set on this course, or at the discretion of USA Track & Field, a verification remeasurement may be required to be performed by a member of the Road Running Technical Council. If such a remeasurement shows the course to be short, then all pending records will be rejected and the course certification will be cancelled.

*This certification expires on December 31 in the year* 2028

**AS NATIONALLY CERTIFIED BY:**

*Lee Barrett*

Date: March 3, 2018

Lee Barrett – USATF/RRTC Certifier  
 3027 NE 20th Ave. Portland, OR 97212 503-867-3836 cudapdx@bendtel.net