

ESB Outer Harbor 5K

Buffalo, NY



Certified Course
NY17023JJ

Effective: 7/15/2017
Through: 12/31/2027

Course Distance:	5 Km
Date Measured:	July 11, 2017
Measured By:	Jeff John <i>BuffaloRunners.com</i>
Calibration Course:	NY15045JJ

Start, Finish, and Intermediate Splits

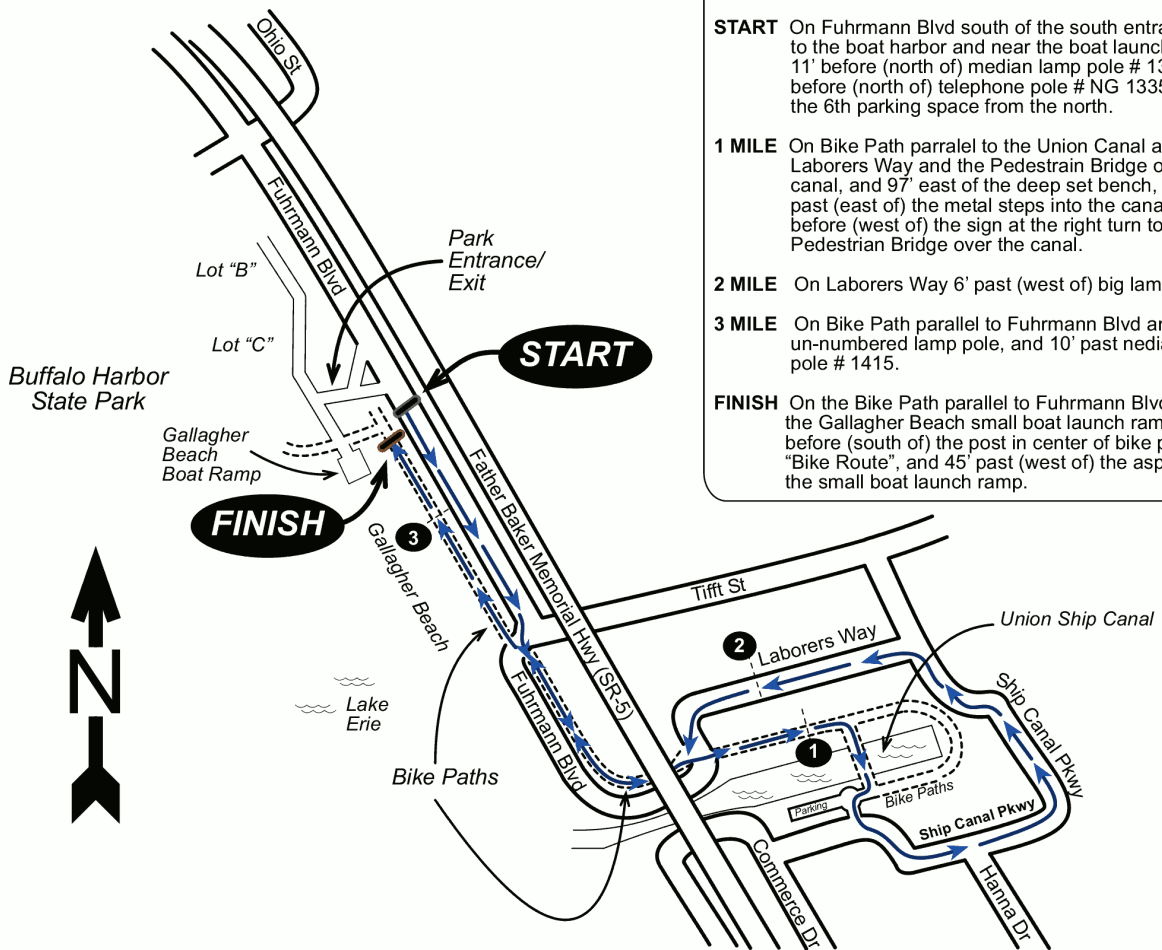
START On Fuhrmann Blvd south of the south entrance to the boat harbor and near the boat launch ramp and 11' before (north of) median lamp pole # 1327, and 63' before (north of) telephone pole # NG 1335, and within the 6th parking space from the north.

1 MILE On Bike Path parallel to the Union Canal and between Laborers Way and the Pedestrian Bridge over the canal, and 97' east of the deep set bench, and 66' past (east of) the metal steps into the canal and 230' before (west of) the sign at the right turn to the Pedestrian Bridge over the canal.

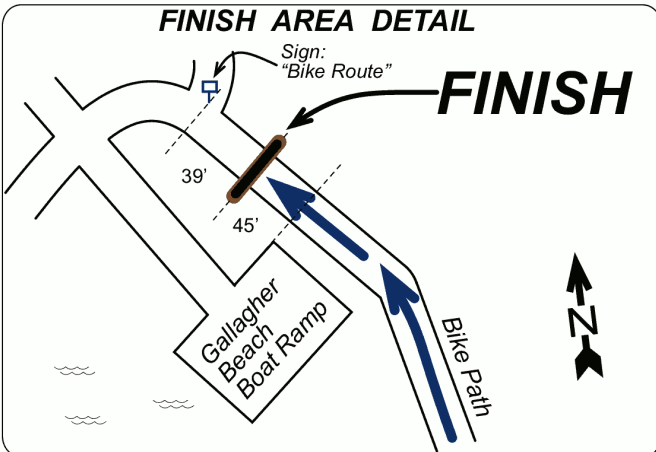
2 MILE On Laborers Way 6' past (west of) big lamp pole # 175.

3 MILE On Bike Path parallel to Fuhrmann Blvd and 2' before un-numbered lamp pole, and 10' past median-based pole # 1415.

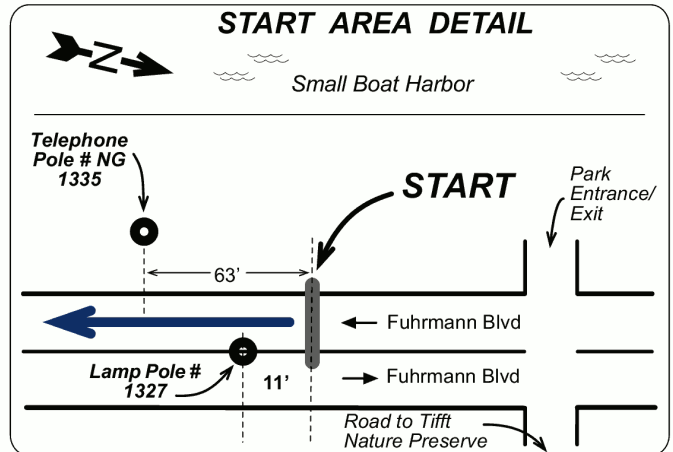
FINISH On the Bike Path parallel to Fuhrmann Blvd and adjacent the Gallagher Beach small boat launch ramp, and 39' before (south of) the post in center of bike path with sign "Bike Route", and 45' past (west of) the asphalt apron of the small boat launch ramp.



FINISH AREA DETAIL



START AREA DETAIL





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

Measurement Certificate



Name of the course ESB Outer Harbor 5K Distance 5 km
 Location (state) NY (city) Buffalo
 Type of course: road race calibration course
 Measuring method: bicycle steel tape electronic distance meter
 Measured by (name, address, phone & e-mail) Jeff John, Box 608, Amherst NY 14226
(716) 982-4779 jeff@BuffaloRunners.com
 Race contact (name, address, phone & e-mail) Don McMahon, (716) 834-8932
dcmahon@mmce.net
 Date(s) when course measured: July 11, 2017
 Number of measurements of entire course: 2 Course Configuration: Partial Loop
 Elevation (meters above sea level) Start 177.4 Finish 176.5 Highest 179.8 Lowest 176.2
 Straight line distance between start & finish 50 m Drop 0.18 m/km Separation 1 %
 Type of surface: paved 100 % dirt - % gravel - % grass - % track - %
 Effective date of certification: July 15, 2017 Certification code: NY17023JJ

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 **2027**

AS NATIONALLY CERTIFIED BY:

Jeffrey John
 _____ Date: July 15, 2017
 Jeff John – USATF/RRTC Certifier
 Box 608, Amherst NY 14226 | (716) 982-4779 | Jeff@BuffaloRunners.com