

Start, Finish, & miles are marked with yellow paint and P-K nails, miles 4, 5, 6 & 12 marked with white paint and P-K nails (UP = Utility Pole, TTHM = Triple Threat Half Marathon).

Start: On southeast side of Good Harbor Beach Parking Lot even with UP with old sign in dune & fence post, & 82'6" SW of Sewer Manhole Cover on west side of 6th parking spot from yellow post marking path to beach.

Mile 1: On south side of Thatcher Rd 9'6" E of UP VZ 54 1884 on opposite side.

Mile 2: On south side Thatcher Rd 57' NE of Water Tower Rd intersection on opposite side.

Mile 3: On west side of Ruthern Way 61' N of "Ruthern Way" & "Penzance Rd" street post at corner.

Mile 4 (= Mile 10 from TTHM): On west side of Eden Rd 7' N of Storm Drain N of UP 774.

Mile 5 (= Mile 11 from TTHM): On northwest side of Marmion Way 5'6" SW of UP 1836 54 & 3' SW of Mailbox for 88 Marmion Way.

Mile 6: (= Mile 12 from TTHM): On north side of Old Garden Rd 3'2" E of Old Garden Beach Drinking Fountain & opposite 4 Old Garden Rd (or Caleb's Way).

Mile 7: On south side of Wallace Rd 14' E of front walkway for 10 Wallace Rd.

Mile 8: On northwest side of Marmion Way at southwest edge of southwest driveway for 80 Marmion Way.

Mile 9: On west side of Eden Rd even with UP 770 & S of south side of driveway for 36 1/2 Eden.

Mile 10: On Ruthern Way 118' S of intersection with Lozant Pl.

Mile 11: On south side of Thatcher 25' E of Tregony Bow intersection on same side.

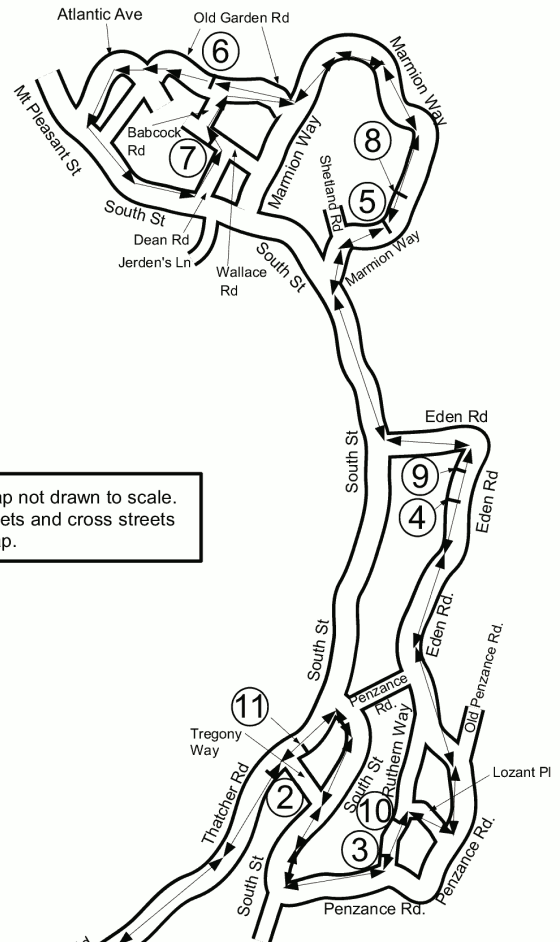
Mile 12 (= Mile 5 from TTHM): On south side of Thatcher Rd beside marsh even with & opposite the "No Parking Other Side" sign & between UP 1887 & UP 1888.

Mile 13: In middle of east corner of Good Harbor Beach Exit to Thatcher Rd & 15' W of UP 7599.

Finish: On southeast side of Good Harbor Beach Parking Lot 116' NE of Green Gate Post in front of City of Gloucester "In & Out" bldg., & 50'9" NE of handicapped "Parking Only" sign in 6th parking spot NE of Green Gate Post. Finish is in middle of 12th parking spot NE of from Green Gate Post.

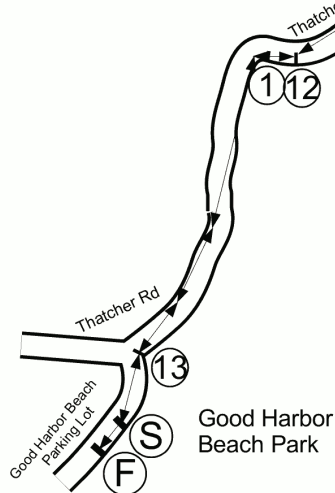
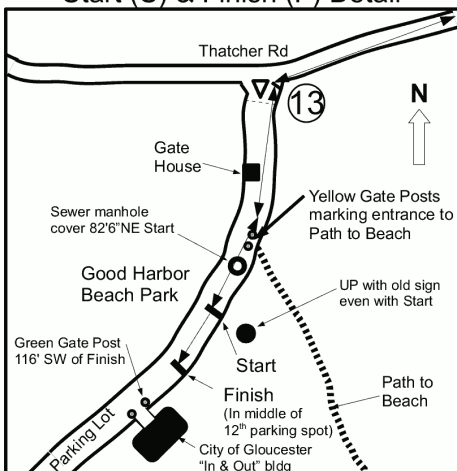
Happy Holidays Half Merrython Gloucester, Massachusetts

USATF Certificate MA16010BK
Effective Nov 22, 2016 - Dec 31, 2026



Note: Map not drawn to scale. Many streets and cross streets not on map.

Start (S) & Finish (F) Detail



Measured November 18, 2016
By Bob Kennedy
Oyster River Running Company
osprey02554@yahoo.com
508-577-4105



Road Running Technical Council
USA Track & Field

Measurement Certificate



Name of the course Happy Holidays Half Merrython Distance 21.0975 km
 Location (state) Massachusetts (city) Gloucester
 Type of course: road race calibration course track
 Measuring methods: bicycle steel tape electronic distance meter
 Measured by (name, address, phone & e-mail) Bob Kennedy, 18 Riverview Road, Durham, NH 03824
508-577-4105 osprey02554@yahoo.com
 Race contact (name, address, phone & e-mail) Rich Morrell, PO Box 780, Rockport, MA 01966
978-879-9007, rmorrell@yukanrun.com
 Date(s) when course measured: November 18, 2016
 Number of measurements of entire course: 2 Course Configuration: out and back with loop
 Elevation (meters above sea level) Start 1 m Finish 1 m Highest 24 m Lowest 1 m
 Straight line distance between start & finish 39 m Drop 0.0 m/km Separation 0.18 %
 Type of surface: paved 99 % dirt 1 % gravel _____ % grass _____ % track _____ %
 Effective date of certification: November 22, 2016 Certification code: MA16010BK

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 2026

AS NATIONALLY CERTIFIED BY:

Bob Kennedy Date: November 22, 2016
 Bob Kennedy – USATF/RRTC Certifier
 18 Riverview Road, Durham, NH 03824 508-577-4105 osprey02554@yahoo.com