



Road Running Technical Council  
USA Track & Field

Measurement Certificate



Name of the course Humboldt Bay Half Marathon Distance 21.0975 km  
 Location (state) California (city) Eureka  
 Type of course: road race  calibration course  track   
 Measuring methods: bicycle  steel tape  electronic distance meter   
 Measured by (name, address, phone & e-mail) Ken Young, POBox 219, Petrolia CA 95558 ,kenyoung@wildblue.net & Marlene Allen, 4344 Dubeault Rd, Bayside CA 95524 Allens@humboldt1.com  
 Race contact (name, address, phone & e-mail) Rich Baker, POBox 450, Eureka CA 95502 director@humboldtbaymarathon.com  
 Date(s) when course measured: 22 & 24 Jul 2015 & 26 Jun 2016  
 Number of measurements of entire course: 2 Course Configuration: point-to-point  
 Elevation (meters above sea level) Start 12 Finish 3 Highest 20 Lowest 3  
 Straight line distance between start & finish 9.98 km Drop 0.43 m/km Separation 47.3 %  
 Type of surface: paved 100 % dirt \_\_\_\_\_ % gravel \_\_\_\_\_ % grass \_\_\_\_\_ % track \_\_\_\_\_ %  
 Effective date of certification: 01 Aug 2016 Certification code: CA16004KY

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

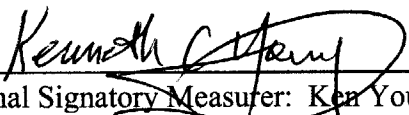
**Be It Officially Noted That**

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:**

 Date: 21 Jul 2016  
 Final Signatory Measurer: Ken Young, PO Box 219, Petrolia CA 95558 (707-629-3430)  
kenyoung@wildblue.net