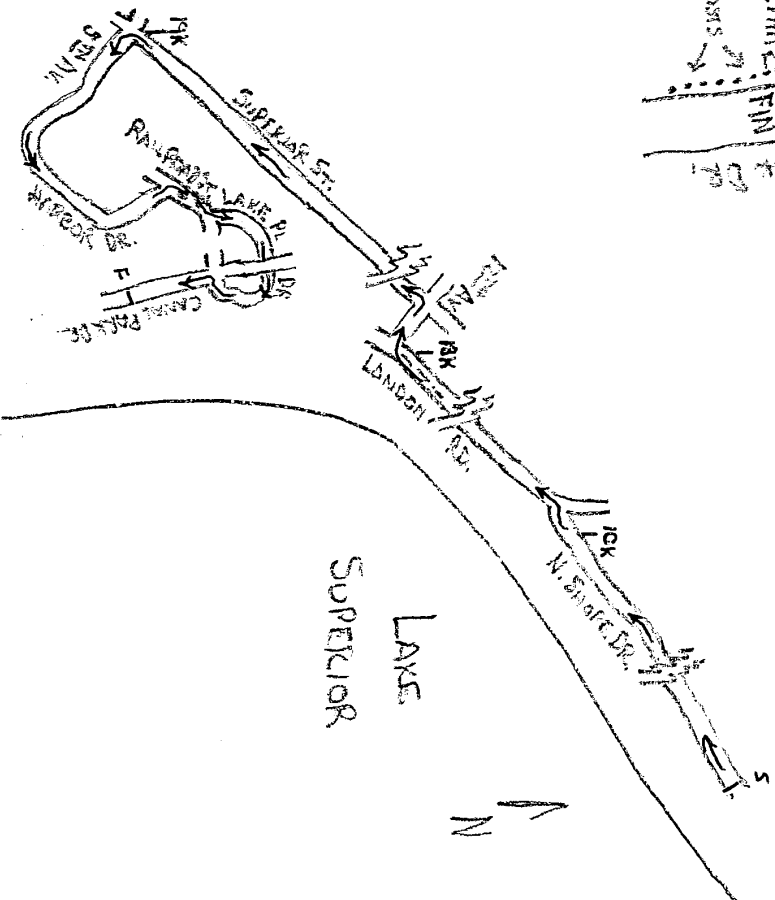
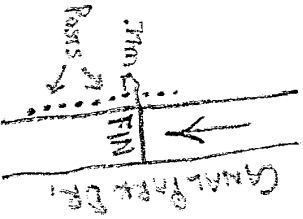


M/N-10001-RR

1987. 11/11.



DESCRIBED TO OBTAIN THE SHORTEST POSSIBLE

ROUTE, SPLITS RECORDED (EACH M + EVERY 5 km)

EVENT STARTS ON N. SHORE DR. PROCEEDS SW

To London Rd. LEFT (SW) To 12th Av. Parkhurst

ARE RESTRICTED TO LAKE SIDE SECTION OF ROADWAY

When Median is Present on London Rd. On 12TH,

RIGHT (NW) TO SUPERIOR ST. LEFT (SW) TO 5TH AV.

LEFT (SE) TO HARBOR DR. LEFT (NE) TO RAILROAD

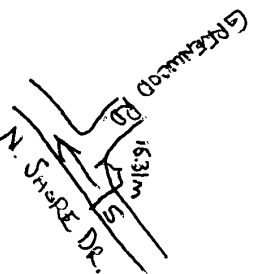
ST. PARTICIPANTS PROCEED TO THE LEFT OF THE

MEDIAN'S PRESENT ON RAILROAD ST. TO LAKE R.

DR. LEFT (NE) TO CANAL PARK DR. LEFT (S)

To Finish.

START: 15.31 N.E. OF GLENWOOD RD.



CEDEFIATRE EFFECTIVE FROM 1/1/20 TO 12/31/20



Road Running Technical Council
USA Track & Field
Measurement Certificate



Name of the course BJORKLUND Distance 1/2 MARATHON
Location (state) MN (city) DULUTH
Type of course: road race ☒ calibration ☐ track ☐ Configuration: Pt/Pt
Type of surface: paved 100 % dirt % gravel % grass % track %
Elevation (meters above sea level) Start 194 Finish 183 Highest 204 Lowest 183
Straight line distance between start & finish 19.84 km Drop .52 m/km Separation 94 %
Measured by (name, address, phone & e-mail) RICK RECKER / 19 S. 1st St. #2203 / MINNEAPOLIS, MN 55401
612 375 0805 / RICK_RECKER@HOTMAIL.COM
Race contact (name, address & phone) SCOTT KEENAN / Box 16234 / DULUTH, MN 55816 / 218 727 0947

Measuring Methods: bicycle ☒ steel tape ☐ electronic distance meter ☐

Number of measurements of entire course: Two Date(s) when course measured: 6.20/21.9

Race date: 6.19.10 Course certification effective date: 1.1.10

Replaces: (if applicable) Certification code: MN.10001.RR

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.

Validation of Course — In the event a National Open Record is set on this course, or at the discretion of USA Track & Field, a validation 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 2020

AS NATIONALLY CERTIFIED BY:

RICK RECKER

Date: 1.1.10

Rick Recker - USATF Certifier

19 S. 1st St. #2203, Minneapolis, MN 55401, 612 375 0805, rick_recker@hotmail.com

MN10001RR