

TANA BRU CALIBRATION COURSE

Tana bru, Tana, Norway

400,00m

Measured on 2021-06-28, using a steel tape tensioned to 50N, by:

Jan Schjetlein, team leader, Bente Evjemo and 2 persons from the race organiser.

The course is on a straight tarmac road with gentle incline from south-east to north-west.
It is marked at either end by nails on the north-east side of the road.

Altitude 25 – 29 m

STEEL TAPING DATA

Start time 16.00

Finish time 16.20

Average temp = 15°C

I. First measurement

a. 4 tape lengths of 99,000m + 4,000m = 400,000m

II. Second measurement (opposite direction)

a. 4 tape lengths of 99,000m + 3,997m = 399,997 m

III. Uncorrected measurement of course = 399,9985 m

IV. Correction factor = $1 + (0,0000116 \times (15-20)) = 0,999942$

V. Corrected measurement = uncorrected measurement x correction factor
= 399,9985m x 0,999942
= 399,975m

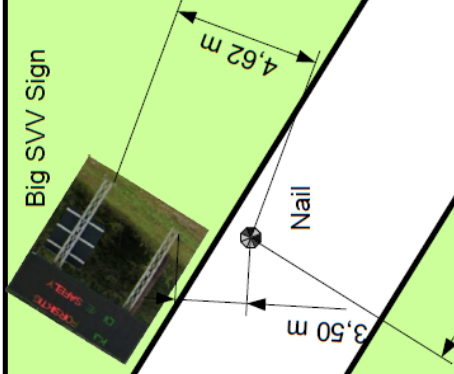
VI. To obtain an exact 400m length, 24 mm was added to the calibration course as temperature correction. The end point was marked with a nail.

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Deanu šaldi / Tana bru

Deanu giolda / Tana kommune, Norway

400,000 meters



Tana fjordveien Fv98

400,000 meters



Measured June 28th 2021 by Jan Schjetlein