

Below there is a table for determining the difference in times between two skaters when the second skater in the pair is within the "5 meters" and the winner has finished the race. The calculation is based on laptimes. 1 hundredth pr. meter is 4 secs. in difference of a laptime, which means for instance that 0,08 sec/m will mean a laptime of 32 secs. (i.e. 30,00 – 33,90 with +/- 2 secs.). One problem, however, is if and how to take into account the speed on the first straight especially in 400 m and 500 m.

TABLE FOR CALCULATION OF TIME DIFFERENCE
pr. metre for manual time keeping

"pr. m"	400 m	500 m	1000m	1500 m	3000 m	5000 m	10000 m	Laptime
0,06 s.	26.-29.	32.- 35.						22,00-25,99
0,07 s.	30.-33.	36.- 40.	1.05.-1.14.	1.38.-1.52.	3.15.-3.44.	5.25.-6.14.		26,00-29,99
0,08 s.	34.-37.	41.- 45.	1.15.-1.24.	1.53.-2.07.	3.45.-4.14.	6.15.-7.04.	12.30.-14.09.	30,00-33,99
0,09 s.	38.-41.	46.- 50.	1.25.-1.34.	2.08.-2.22.	4.15.-4.44.	7.05.-7.54.	14.10.-15.49.	34,00-37,99
0,10 s.	42.-44.	51.- 54.	1.35.-1.44.	2.23.-2.37.	4.45.-5.14.	7.55.-8.44.	15.50.-17.29.	38,00-41,99
0,11 s.	45.-47.	55.- 58.	1.45.-1.54.	2.38.-2.52.	5.15.-5.44.	8.45.-9.34.	17.30.-19.09.	42,00-45,99
0,12 s.	48.-50.	58.- 62.	1.55.-2.04.	2.53.-3.07.	5.54.-6.14.	9.35.-10.24.	19.10.-20.49.	46,00-49,99
0,13 s.	51.-54.	63.- 67.	2.05.-2.14.	3.08.-3.22.	6.15.-6.44.	10.25.-11.14.	20.50.-22.29.	50,00-53,99
0,14 s.	55.-57.	68.- 72.	2.15.-2.24.	3.23.-3.37.	6.45.-7.14.	11.15.-12.04.	22.30.-24.09.	54,00-57,99
0,15 s.	58. and more	73. and more	2.25. and more	3.38 and more	7.15 and more	12.05 and more	24.10. and more	58,00 and more

For practical reasons the table stops at 0.15 – considering the most relevant times to be covered!!!

Example: Skater A is the winner of the pair (500 m). Result: 38,21 (+ 0,20 sec). Skater B is 4 meters behind, according to the finishing line judge.
Result: Skater A will in the official protocol have: 38,41 MT
Skater B: 38,21 + 0,28 (0,07 x 4 = 0,28) + 0,20: 38,69 MT