

ALLOWANCE.

able are based upon
architects, that with
ities for speed vary
are roots of their
winds are required
r vessels the fur
size, and as such
adapted to ordin
only of the allow
n in the table, and

$\frac{3600}{\sqrt{L}}$ } ; 3,600 re
nds in an hour, 1 th
er one. Practical
5-10ths of 3,600

Table.

the table show
a second what

height of the measurement opposite to these
figures would be allowed by one of 130 feet in
sailing one nautical mile. To find what a
height of any measurement should receive from
the larger one, take the figures to be found
opposite to the smaller measurement; from
these subtract the figures opposite to the
measurement of the larger yacht, and the differ-
ence multiplied by the number of nautical miles
of the course will give the amount of the allow-
ance due to the smaller vessel, in seconds and
hundredths of a second.

EXAMPLE.

What time will a yacht of 39 feet racing
length have to allow to one of 36.7 feet racing
length in a course of 20 nautical miles?

| | |
|--------------------------------------|--------|
| the time opposite 36.7 feet is | 139 26 |
| " " 39 " | 130 37 |
| | <hr/> |
| | 8.89 |
| | 20 |
| | <hr/> |
| allowance..... | 177.80 |
| 2 minutes 57 4-5 seconds. | |

For part of a foot use the nearest fraction
that can be expressed in hundredths, and take
the proportion of the difference shown in the
table between the time stated opposite to the