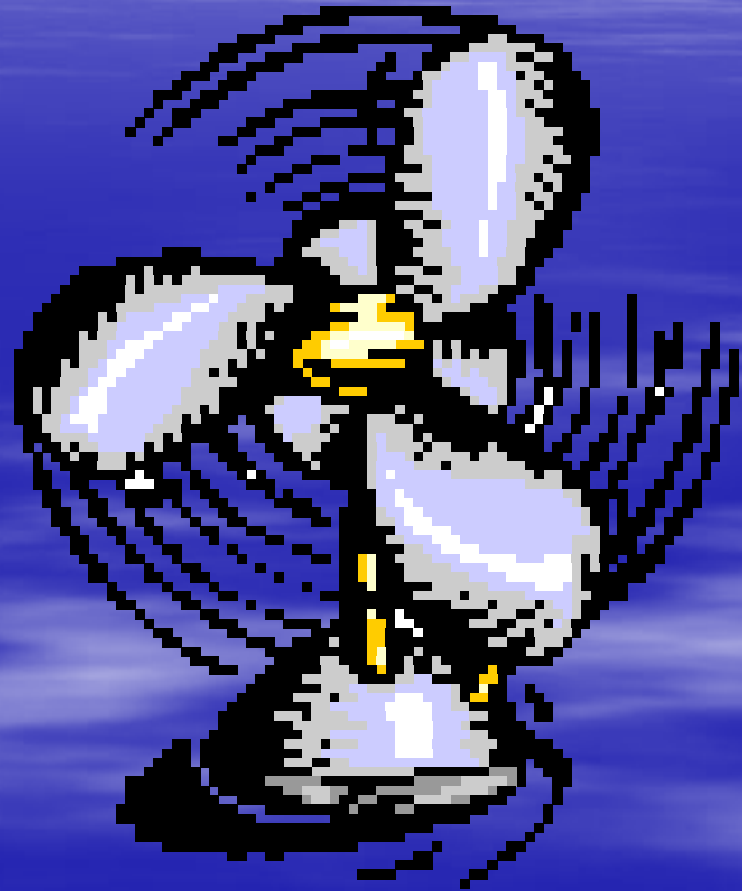


Propeller Anemometer

2/O John R. Jaromahum

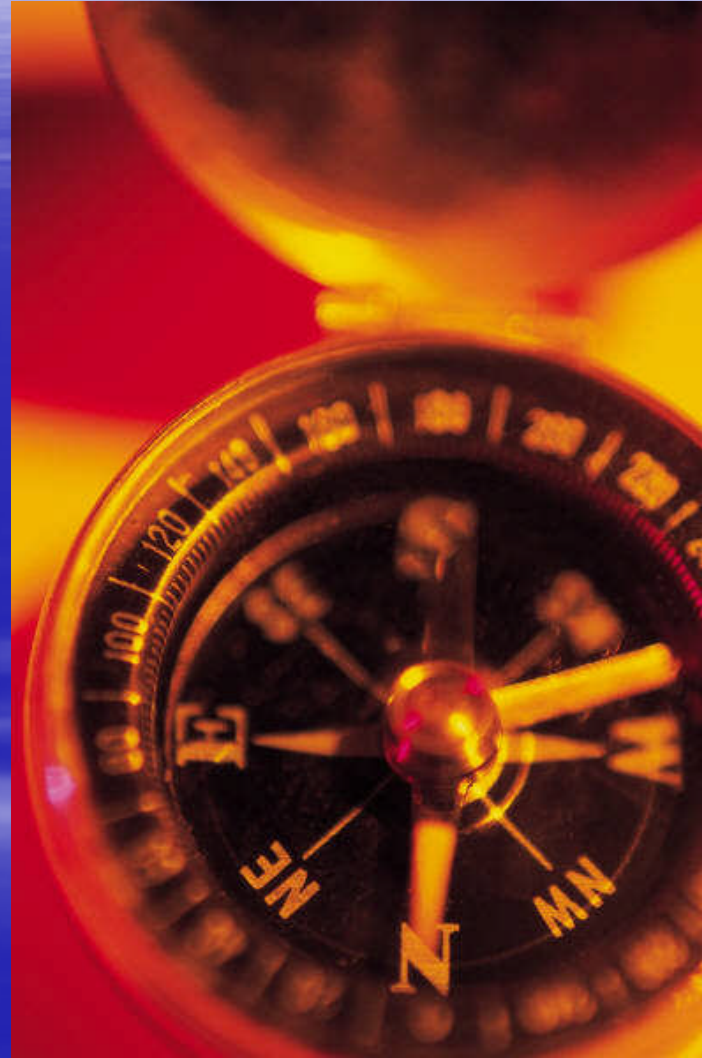
Measures

- Wind Speed



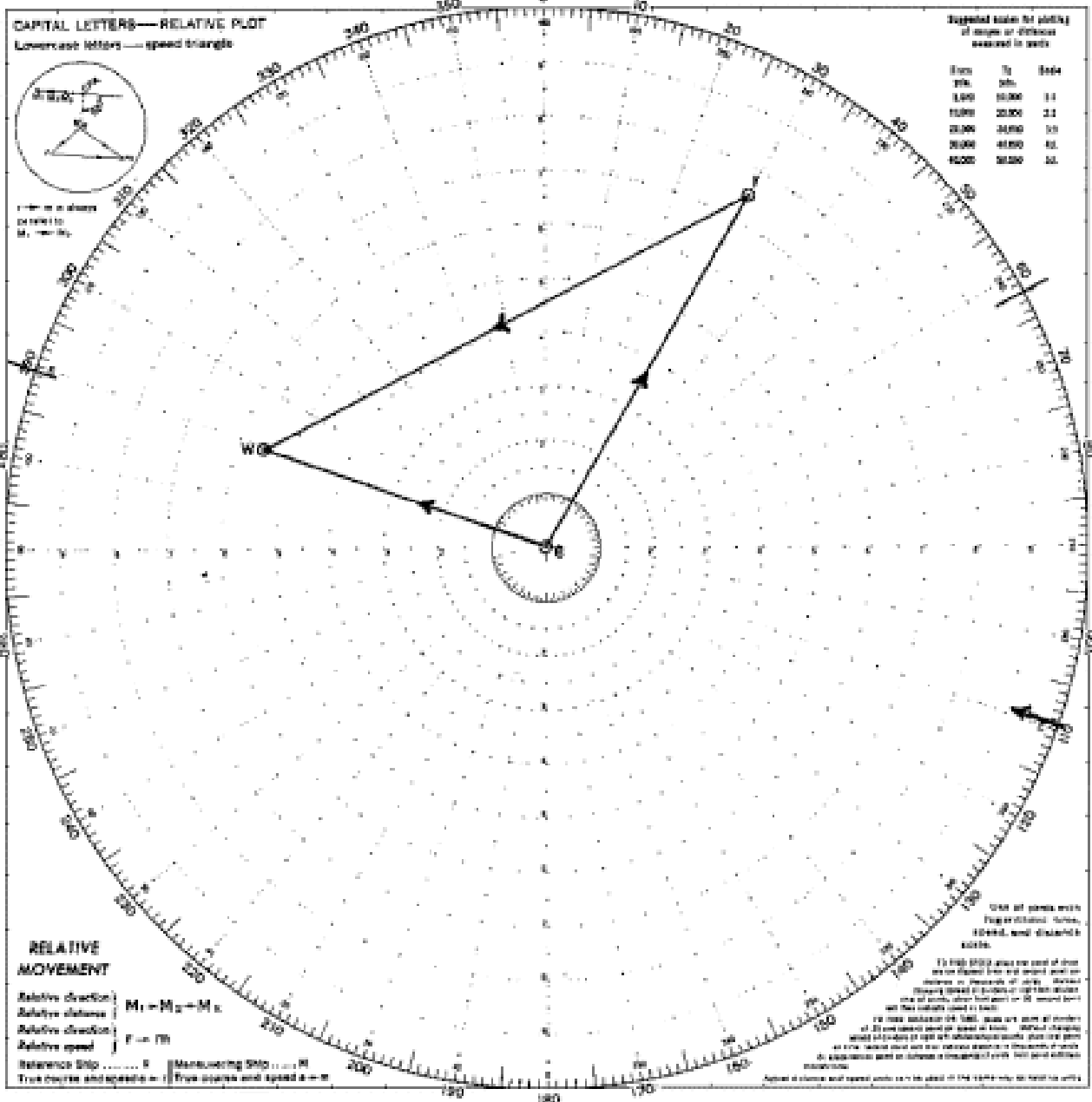
Measures

- Wind Direction





SCALES
2:1 3:1



CAPITAL LETTERS—RELATIVE PLOT
Lowercase letters—speed triangle



Suggested scales for plotting of ranges or distances measured in yards

| From | To | Scale |
|---------|-----------|-------|
| 0 | 200 | 1:1 |
| 1,000 | 20,000 | 2:1 |
| 10,000 | 200,000 | 10:1 |
| 100,000 | 2,000,000 | 100:1 |

RELATIVE MOVEMENT

Relative direction: $M_1 - M_2 - M_3$
 Relative distance: $M_1 - M_2 - M_3$
 Relative speed: $F - TR$
 Reference ship R (Maneuvering ship) M
 True course and speed = () True course and speed = ()

Use all scales with suggested scales, 10:1, and distance scale.

To find M_1 and M_2 use the scale of true or false motion and the scale of true or false motion. (When plotting range or distance of 1000 yards or more use the scale of 10:1.)

To find F and TR use the scale of true or false motion and the scale of true or false motion. (When plotting range or distance of 1000 yards or more use the scale of 10:1.)

Approved by the Bureau of Naval Ordnance as a standard plot for the use of the Navy.