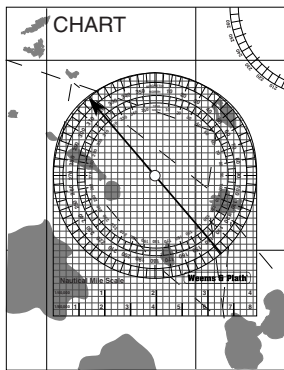
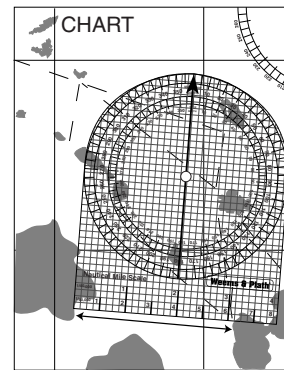


Using the Weems & Plath Compute-A-Course



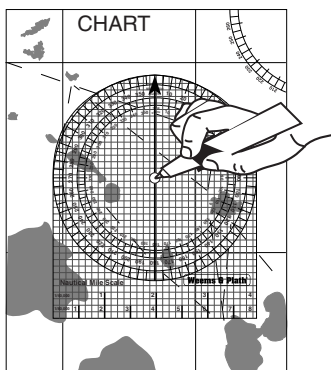
Course Plotting

With the vessel's position in the center hole, use the red grid to align the COMPUTE-A-COURSE with true north using the chart's parallel (latitude) or meridian (longitude) lines. Adjust the movable compass rose for magnetic variation. Point the red arrow at your destination and read the magnetic course to steer on the outer circle.



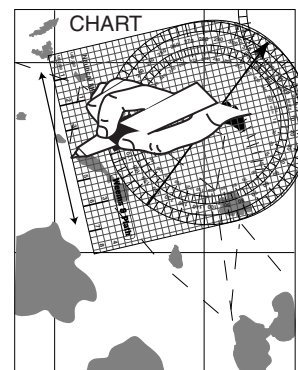
Distance Measuring

Use the convenient 1:40,000 or 1:80,000 scales to measure distance on a chart. Be sure to use the appropriate scale to your chart.



Position Fix (Step 1)

Align the COMPUTE-A-COURSE for north on the chart as shown above. Adjust the arrow to the observed compass bearing to a navigational aid and lay the arrow over this mark. Put a pencil dot on the chart through the center hole.



Position Fix (Step 2)

Draw a line from the navigational aid to the pencil dot. This is one LOP (line of position). Repeat this process using a different navigational aid. Your boat's position is at the intersection of these LOP's.

Solving Time/Speed/Distance problems using Logarithmic Scale

To find speed, place left bottom edge of COMPUTE-A-COURSE on nautical miles run and note with fingertip relative position of nearest vertical red grid line to minutes run. Move COMPUTE-A-COURSE to right so same relative position of minutes run grid line noted above is aligned with 60. Left edge of COMPUTE-A-COURSE will then indicate speed in knots. Example: With 4.0 miles run in 15 minutes, the speed is 16 knots.



LOGARITHMIC SPEED SCALE

Weems & Plath®

Annapolis, MD U.S.A.

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