Errata Sheet for The Radar Book

September 30, 2004

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The authors want to thank readers for calling our attention to a number of typographic errors in *The Radar Book* and for their appreciative comments. Please continue to check our websites (noted below) for further updates. We deeply appreciate your support for our efforts to harness the latest technology for boating convenience and safety. *Mark Bunzell and Kevin Monahan*

Page 3

The MV Stockholm was a Swedish ship, not Norwegian.

Pages 11 to 15

In the process of enhancing the radar display images for the book, errors have been introduced into the images as indicated below:

Figure 1-7 In the screencapture, numeric values of 90.0°R and 0.169 NM are given for the position of the cursor, but the cursor is not visible in the image.

Figure 1-9 In the screencapture, numeric values of 62.5°R and 1.119 NM are given for the position of the cursor, but the cursor is not visible in the image. Also the EBL has been rotated to a position that is not consistent with the numerical read-out.

Figure 1-11 The cursor and the VRM circles were removed in order to simplify the image but the numerical VRM indication remains. In Figure 1-13, the VRM indication shows that the VRM is outside the display.

Page 81, Middle Text Box

The text in the text box has been cut short. It should read as follows " 'Radial thickness' means the thickness of a 'pip' or other image on the display measured from the center of the display to the edge."

Page 164, Figure 9-6

The caption to the right has been cut off short. The last sentence should read, "The land echo does not rotate, but with the change in course, it now follows a different RM line as well."

Pages 211 and 221

According to the American Practical Navigator, "aspect" means the relative bearing of own ship from target ship, measured 0° to 180° port (red) or starboard (green). This means that when the aspect is 76° red, you are viewing the target ship from 76° on its port side. Therefore, in a practical sense, the definition of "aspect" at the bottom of page 211 and on page 221 is also correct.

Page 212, Fig A-9

The aspect is actually 73°.

Page 213, Figure A-10 The aspect is actually 114°.

Page 213, Figure A-11

The arc of the aspect has been incorrectly drawn. It should lie between the TM of the target A' and the bearing line from the A' to the center of the maneuvering board.

Page 215, Caption for Figure A-13

"Course at 12:39" should read "Speed at 12:39".

Pages 218, 219, Minimum Range and Minimum Range Resolution

The theoretical limits for minimum range and range resolution are a result of the characteristics of the pulse length, but the practical limits also are related to the resolution of the display, and the degree of anti-Rain Clutter applied. Consequently the actual specified values differ from the theoretical values given in the table on page 217.