

REVISED AND ENLARGED EDITION.

“WRINKLES”

IN

PRACTICAL NAVIGATION.

BY

S. T. S. LECKY, MASTER MARINER.

LIEUT. R.N.R.

*Fellow of the Royal Astronomical Society,
Fellow of the Royal Geographical Society,
Associate of the Literary and Philosophical Society,
Member of the Science and Arts Association of Liverpool,
Extra Master. Passed in Steam, Compass Adjustment, &c.
Younger Brother of the Trinity House.*

Author of “The Danger Angle and Off-Shore Distance Tables.”

WITH 80 ILLUSTRATIONS.

LONDON:

GEORGE PHILIP & SON, 32 FLEET STREET, E.C.

LIVERPOOL: CAXTON BUILDINGS, SOUTH JOHN STREET, AND ATLAS BUILDINGS,
49 & 51, SOUTH CASTLE STREET.

1884.

[ALL RIGHTS RESERVED.] C

1883-1884.