

NAVAL ARCHITECTURE OF PLANING HULLS

by

LINDSAY LORD
NAVAL ARCHITECT

THIRD EDITION



CORNELL MARITIME PRESS, INC.
Cambridge Maryland

1963

CONTENTS

1. THE TREND OF DESIGN	1
2. ASPECT RATIO	11
3. SPEED RATIOS	20
4. LOADING OF PLANES	31
5. PRELIMINARY DESIGN	49
6. LINES	62
7. WEIGHTS	100
8. HYDROSTATIC CALCULATIONS	115
9. SUBDIVISION AND FLOODING	130
10. HYDRODYNAMIC CALCULATIONS	140
11. RESISTANCE AND POWERING	160
12. PROPULSION	184
13. STEERING	211
14. HULL STRUCTURE	239
15. TRIALS	283
ADDENDA	295
INDEX	309