

INTERNATIONAL HYDROGRAPHIC BUREAU



SUPPLEMENT
TO THE
INTERNATIONAL
HYDROGRAPHIC REVIEW

RADIO AIDS TO MARITIME
NAVIGATION AND HYDROGRAPHY
(Operational Reports)

Volume 4 – December 1963

MONACO

INTERNATIONAL HYDROGRAPHIC BUREAU

SUPPLEMENT
TO THE
INTERNATIONAL
HYDROGRAPHIC REVIEW

RADIO AIDS TO MARITIME
NAVIGATION AND HYDROGRAPHY
(Operational Reports)

Volume 4 – December 1963

MONACO

TABLE OF CONTENTS

Foreword	7
 Hydrographic Surveying Operational Reports	
— Operational Report on the Decca Lambda System (C. R. K. ROE and J. B. DIXON).	9
— General Information on the Decca Method of Ships Acceptance Trials (J. Th. VERSTELLE).	23
✓(Electronic) Conversion of Hyperbolic into Rectangular Coordinates (J. Th. VERSTELLE).	39
— (Electronic) Rigorous Least Square Adjustment of Decca Speed Runs (J. Th. VERSTELLE)	65
— The Use of Two Range Decca in the Cross Channel Tunnel Survey (J. REITH)	77
— The Dredging of Nab Shoal (P. GADSDEN).	83
— Computation of Hyperbolic Lattice for Navigation Chart (Japanese Hydrographic Office).	87
 Geodetic Surveying Operational Reports	
— The Use of the NASM III Geodimeter by the South Atlantic Hydrographic Mission (P. PLOUVIEZ).	93
— Measurement of Distances over Water (H. W. BIGELOW).	117
— Electrotape for Surveying Land Developments (D. K. ROUPE). . .	125