THE INTERNATIONAL HYDROGRAPHIC REVIEW



INTERNATIONAL HYDROGRAPHIC ORGANIZATION MONACO

Publication P-1



© Copyright International Hydrographic Organization [2021]

This work is copyright. Apart from any use permitted in accordance with the Berne Convention for the Protection of Literary and Artistic Works (1886), and except in the circumstances described below, no part may be translated, reproduced by any process, adapted, communicated or commercially exploited without prior written permission from the Secretariat of the International Hydrographic Organization (IHO). Copyright in some of the material in this publication may be owned by another party and permission for the translation and/or reproduction of that material must be obtained from the owner.

This document or partial material from this document may be translated, reproduced or distributed for general information, on no more than a cost recovery basis. Copies may not be sold or distributed for profit or gain without prior written agreement of the IHO Secretariat and any other copyright holders.

In the event that this document or partial material from this document is reproduced, translated or distributed under the terms described above, the following statements are to be included:

"Material from IHO publication [reference to extract: Title, Edition] is reproduced with the permission of the IHO Secretariat (Permission No/...) acting for the International Hydrographic Organization (IHO), which does not accept responsibility for the correctness of the material as reproduced: in case of doubt, the IHO's authentic text shall prevail. The incorporation of material sourced from IHO shall not be construed as constituting an endorsement by IHO of this product."

"This [document/publication] is a translation of IHO [document/publication] [name]. The IHO has not checked this translation and therefore takes no responsibility for its accuracy. In case of doubt the source version of [name] in [language] should be consulted."

The IHO Logo or other identifiers shall not be used in any derived product without prior written permission from the IHO Secretariat.

Contents

Conter	LCD
□ Editorial	
by B. Connon, Editor	5
□ Articles	
 Estimation of Nautical Chart Datum by the Statistical Method in Micro and Meso Tidal Regime: An Alternative to the Balay Harmonic Method by V. Fuchs, G.L. Galvão Teixeira, T. das Neves Milisse Nzualo 	7
 Dynamic Draft and Under Keel Clearance : A Hydrographic View by G. R. Catarino 	21
 Conversion of Electronic Navigational Charts from S-57 to S-101 Standard Format by G. Neves Vieira, D. Sc. Flávia Mandarino 	39
 Effectively Mapping and Charting of Remote Locations with Satellites, Lasers and Acoustics by B. Cooper 	61
 An Overview of the Coverage with ENC in the Meso American Regional Hydrographic Commission and the Caribbean Sea - MACHC by O. Bonfante, F. Pineda, J. Rodriguez, J. Castillo Notes	85
= 110tes	_
 State of Hydrography Survey in Kenya Towards Hydrospatial Data Infrastructure by V. Obura, AA. Ahmed Mzee, S.S. Ayonga 	103
 Canadian Hydrographic Service's Modern Approach for Bathymetry Compilation by J. Larrivée, G. Cavanagh, K. Cove 	113
 A Commitment to Crowdsourced Bathymetry - Citizen Sourced Data - Help Reveal the Deep and Share Your Data by J. Jencks, M. Pratellesi, D. Wyatt, P. Wills 	119
 A Career as a Woman with the Canadian Hydrographic Service by J. Cormier 	127
 A Commitment to Engage and Involve Stakeholders: The Experience of the United States of America's Hydrographic Services Review Panel Federal Advisory Committee by L. Mersfelder Lewis, J. Thomas, Q. Abdullah, E. Saade 	135
 Hydrospatial A Global Movement! by D. Hains, M. Bergmann, H. C. Cawthra, K. Cove, P. Echeverry, J. Maschke, M. E. Mihailov, V. Obura, P. Oei, P. Y. Pang, R. Ponce, J. Roperez 	147