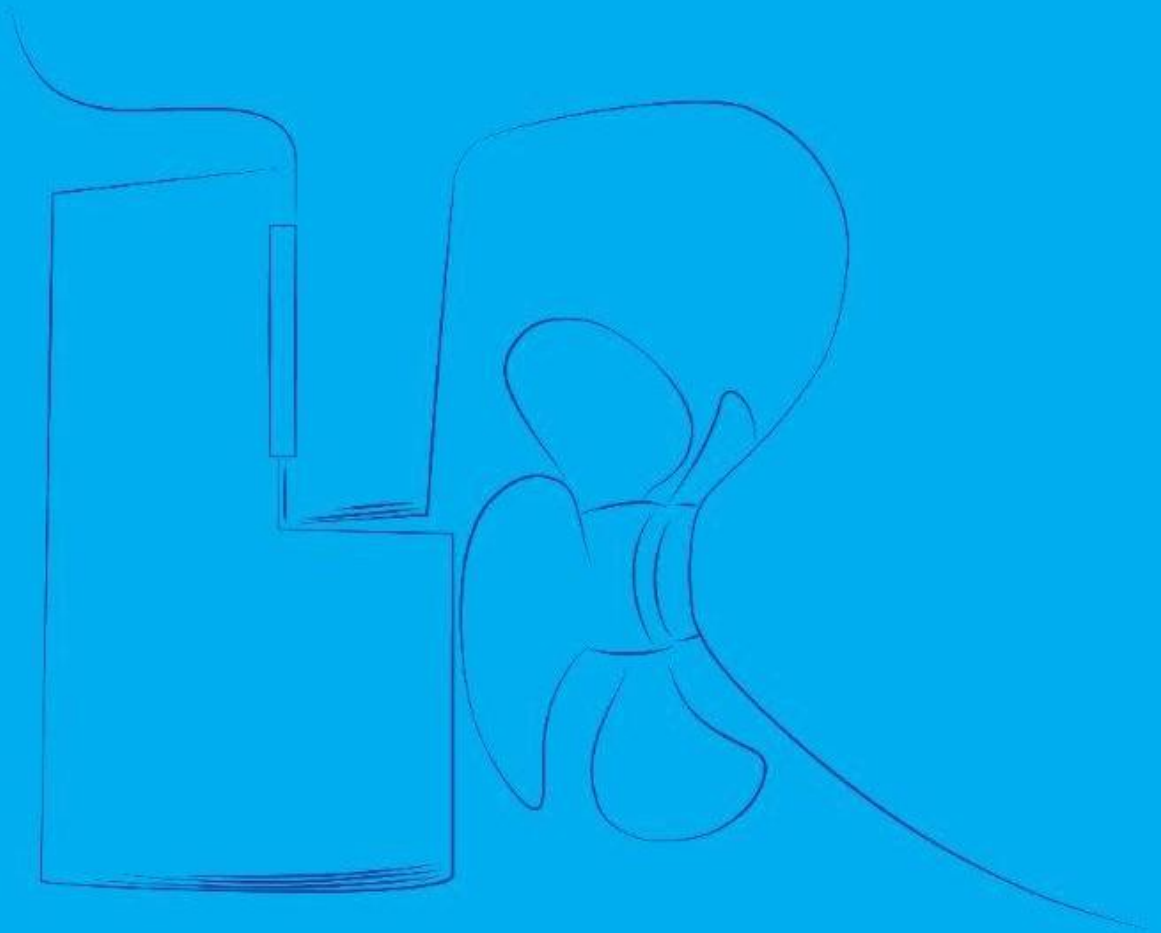


ISSN: 2541-5972 (print)

ISSN: 2548-1479 (online)

International Journal of **MARINE ENGINEERING INNOVATION and RESEARCH**

<http://iptek.its.ac.id/index.php/ijmeir>



Published by:



Department of Marine Engineering
Institut Teknologi Sepuluh Nopember
Surabaya, Indonesia



IMarEST
Indonesia Branch

International Journal of
Marine Engineering
Innovation and Research

Vol. 10

No. 2

Page 287 - 618

Surabaya
June 2025

ISSN: 2541-5972 (print)
ISSN: 2548-1479 (online)