



# Contents

Volume 4 Number 2 November 2020

- |   |           |
|---|-----------|
| <b>Fatigue Life Comparison of Modified and Conventional 3 Leg Jacket Offshore Structure</b>   | <b>48</b> |
| <i>Muhammad Nabil Giffary, Murdjito and Rudi Walujo Pristianto</i>  |           |
| <b>Analysis of Influence of Abrasive Material Variation and Spray Pressure Variation in Coating Epoxy of ASTM A36 Steel Toward Impact Resistance and Corrosion Rate</b>   | <b>57</b> |
| <i>Herman Pratikno, Bima Satriya Willy Harsa and Sholihin</i>   |           |
| <b>Analysis of Pipe Lay Barge Hafar Neptune Capability in Pipelaying Operation at Offshore North West Java Oil and Gas Field</b>  | <b>65</b> |
| <i>Ignasius Krisna Armanda, Eko Budi Djatmiko, and Imam Rochani</i>   |           |
| <b>The Effect Analysis of Coating Thickness Variation and Mixture Composition of Magnesium – Flake Glass on Epoxy Coating on Abrasive Resistance, Adhesion Strength, and Prediction of Corrosion Rate of ASTM A36 Steel Plate</b> | <b>72</b> |
| <i>Herman Pratikno, Yudiardana Tridantoko Susarno and Hasan Ikhwan</i>  |           |
| <b>Pipe Stacking Optimization and Sea Fastening Analysis of Linepipe Transport</b>  | <b>79</b> |
| <i>Carlo Jonathan Sihombing, Daniel Mohammad Rosyid, and Raditya Danu Riyanto</i>   |           |
| <b>Experimental and Numerical Study on Roll Damping Structure of Floating Crane Catamaran in Free Floating and Moored Conditions</b>  | <b>85</b> |
| <i>Muhamad Fadkhurrohman Aziz, Eko Budi Djatmiko, Murdjito and Baharuddin Ali</i>   |           |

**International Journal of  
(IJOCE)  
Offshore and Coastal Engineering**