

## DAFTAR NOTASI

| Notasi                          | Keterangan                                          | Satuan             |
|---------------------------------|-----------------------------------------------------|--------------------|
| L                               | Panjang kapal                                       | m                  |
| Loa                             | <i>Length over all</i>                              | m                  |
| Lpp                             | <i>Length perpendicular</i>                         | m                  |
| Lwl                             | <i>Length of waterline</i>                          | m                  |
| B                               | Lebar kapal                                         | m                  |
| B1                              | Lebar <i>demihull</i>                               | m                  |
| T                               | Sarat kapal                                         | m                  |
| H                               | Tinggi kapal                                        | m                  |
| S                               | Lebar jarak <i>centerline</i> antar <i>demihull</i> | m                  |
| Vs                              | Kecepatan dinas kapal                               | knot               |
| Fn                              | <i>Froude number</i>                                |                    |
| Rn                              | <i>Reynold number</i>                               |                    |
| Cb                              | Koefisien blok                                      |                    |
| Cp                              | Koefisien prismatic                                 |                    |
| Cm                              | Koefisien <i>midship</i>                            |                    |
| Cwp                             | Koefisien <i>water plane</i>                        |                    |
| $\rho$                          | Massa jenis                                         | ton/m <sup>3</sup> |
| g                               | Percepatan gravitasi                                | m/s <sup>2</sup>   |
| $\Delta$                        | Displasemen kapal                                   | ton                |
| $\nabla$                        | Volume displasemen                                  | m <sup>3</sup>     |
| LCB                             | <i>Longitudinal center of bouyancy</i>              | m                  |
| KG                              | <i>Keel of gravity</i>                              | m                  |
| LCG                             | <i>Longitudinal center of gravity</i>               | m                  |
| LWT                             | <i>Light weight tonnage</i>                         | ton                |
| DWT                             | <i>Dead weight tonnage</i>                          | ton                |
| R <sub>T</sub>                  | Hambatan total                                      | kN                 |
| WSA                             | <i>Wetted surface area</i>                          | m <sup>2</sup>     |
| $\nu$                           | viskositas                                          | m <sup>2</sup> /s  |
| $\beta$                         | Sudut <i>deadrise</i>                               | deg                |
| $\tau$                          | Sudut trim                                          | deg                |
| (1+ $\beta$ k)                  | <i>Catamaran viscous resistance interference</i>    |                    |
| C <sub>F</sub>                  | Koefisien hambatan gesek                            |                    |
| C <sub>V</sub>                  | Koefisien kecepatan                                 |                    |
| C <sub><math>\beta</math></sub> | Koefisien angkat                                    |                    |
| $\lambda$                       | perbandingan panjang dan lebar pada WSA             |                    |
| EHP                             | <i>Effective horse power</i>                        | kW                 |
| DHP                             | <i>Delivery horse power</i>                         | kW                 |
| $\eta_H$                        | Efisiensi badan kapal                               |                    |
| $\eta_O$                        | Efisiensi propulsi                                  |                    |
| $\eta_R$                        | Efisiensi relatif rotatif                           |                    |
| BHP                             | <i>Brake horse power</i>                            | Kw                 |
| a                               | Luas Permukaan                                      | m <sup>2</sup>     |