DAFTAR PUSTAKA

[1] A. Siti and C. Mappangara, “Sistem layanan trasportasi laut” 2024.

[2] Kementerian Perhubungan Republik Indonesia, “Rencana Strategis Kementerian Perhubungan ”.2025

[3] I. Ivkovi and M. Vasilev, “ACFD-Based Analysis of Bow Modification Influence on Ship Resistance and Energy Efficientcy”, 2024.

[4] C. Kusuma, I. M. Ariana, and B. Ali, “Redesign KCR 60m Bow with Axe Bow Type to Reduce Ship Resistance,” *IOP Conf. Ser. Earth Environ. Sci.*, vol. 557, no. 1, 2020, doi: 10.1088/1755-1315/557/1/012033.

[5] A. Susanto *et al.*, “KARAKTERISTIK DESAIN KAPAL STATIC GEAR DI SELAT SUNDA Design Characteristic of Static Fishing Boat on Sunda Strait Oleh,” *J. Ris. Kapal Perikan.*, vol. 1, no. 2, pp. 67–74, 2021.

[6] I. K. A. . U. Romadhoni Oni, “Analisa Pengaruh Bentuk Lambung Axe Bow Pada Kapal High Speed Craft Terhadap Hambatan Total,” *Kapal J. Ilmu Pengetah. dan Teknol. Kelaut.*, vol. 12, no. 2, pp. 78–87, 2015.

[7] M. Fatima, D. Chrismianto, and L. Hidrodinamika, “Analisis Pengaruh Variasi Sudut Flare Bow Dengan Stem Terhadap Nilai Hambatan dan Slamming Pada Model Haluan Ulstein X-Bow,” *J. Tek. Perkapalan*, vol. 6, no. 1, p. 20, 2018.

[8] T. N. C. Bangun, Y. Novita, and B. H. Iskandar, “Bentuk Linggi Haluan Kapal Penangkap Ikan (Kurang Dari 30 Gt),” *ALBACORE J. Penelit. Perikan. Laut*, vol. 1, no. 2, pp. 127–137, 2018, doi: 10.29244/core.1.2.127-137.

[9] Priyamsabada. & P.Utama. (2019), “Analisis Numerik Pengaruh Inverted Bow Terhadap Badan Kapal Planning Hull Dan Rounded Hull Tipe High,” 2019.

[10] B. G. Pratama Putra and A. Sulisetyono, “Optimasi Hambatan Kapal Terhadap Sudut Kemiringan Bow Kapal Patroli 75 M,” *J. Jalasena*, vol. 1, no. 2, pp. 77–84, 2020, doi: 10.51742/jalasena.v1i2.98.

[11] M. Askary Sayar, A. Askarian khob, K. Akbari Vakil Abadi, and H. Ghassemi, "The Seakeeping Investigation of an Inverted Bow Hull by Experimental Method," vol. 16, no. 31, pp. 123–130, 2020, doi: 10.29252/marineeng.16.31.123.

[12] S. Samuel *et al.*, "Investigation of An Inverted Bow on Frigate Hull Resistance," vol. 17, no. 1, pp. 136–147, 2024.

[13] A. Susanto, Y. Novita, H. S. Nurdin, I. Supiyono, and M. S. Rokhman, "KARAKTERI STI K DESAIN KAPAL STATIC GEAR DI SELAT SUNDA Design Characteristic of Static Fishing Boat on Sunda Strait," vol. 1, no. 2, pp. 67–74, 2021.

[14] V. Nanda Perkasa, S. Aritonang, and D. Hermanto, "Analisis Modifikasi Haluan Axe Bow Pada Kapal Pc 40 untuk Mengurangi Hambatan Kapal," *J. Indones. Sos. Sains*, vol. 3, no. 2, pp. 360–368, 2022, doi: 10.36418/jiss.v3i2.548.

[15] A. A. Khoob, M. A. Sayar, K. A. Vakilabadi, and H. Ghassemi, "Experimental Study of the Heave and Pitch Motions of an Inverted Bow Hull," *J. Eta Marit. Sci.*, vol. 11, no. 2, pp. 119–126, 2023, doi: 10.4274/jems.2023.28291.

[16] H. I. D. Puspita, R. Rudianto, A. Yasim, and A. Nuruzzaman, "Analysis of Resistance and Stability in the Modification of Outrigged Fishing Boat Design in the Puger Water, Jember," *J. Teknol. Perikan. dan Kelaut.*, vol. 16, no. 1, pp. 77–84, 2025, doi: 10.24319/jtpk.16.77-84.

[17] A. Nababan, D. Chrismianto, and B. A. Arswendo, "Optimasi Bentuk Haluan Kapal Ferry Untuk Mendapatkan Olah Gerak Yang Terbaik Di Daerah Kepulauan Mentawai," *J. Tek. Perkapalan*, vol. 5, no. 2, p. 438, 2017.

[18] R. A. Nabawi, S. Syahril, and R. Refdinal, "The Study of Shape Flat Hull Ship Toward Resistance," *TEM J.*, vol. 11, no. 4, pp. 1669–1673, 2022, doi: 10.18421/TEM114-30.

[19] A. Windyandari and A. K. Yusim, “Study on resistance and intact stability behavior of patrol boat using axe bow hull form to support surveillance activities in the indonesia territorial sea,” *J. Appl. Eng. Sci.*, vol. 19, no. 3, pp. 822–832, 2021, doi: 10.5937/jaes0-29354.

[20] S. Chen, B. Zou, C. Han, and S. Yan, “Comparative Study on Added Resistance and Seakeeping Performance of X-Bow and Wave-Piercing Monohull in Regular Head Waves,” 2022.

[21] A. Kukuh, I. K. Aria, and P. Utama, “ANALISIS NUMERIK PENGARUH INVERTED BOW,” vol. X, 2019.

[22] A. N. Efendi *et al.*, “Karakteristik Gelombang Laut Indoneisa Untuk Mendukung Kegiatan Laut dan Keamanan Maritim,” *G-Tech J. Teknol. Terap.*, vol. 7, no. 2, pp. 346–357, 2023, doi: 10.33379/gtech.v7i2.1989.

[23] R. Firmansyah, A. Trimulyono, and L. Teknologi Hidrodinamika Kapal, “Analisa Hambatan Kapal Kontainer 25000 DWT Rute Perairan Surabaya - Kobe,” *J. Tek. Perkapalan*, vol. 12, no. 4, p. 1, Jan. 2025.

[24] S. A. Harvald, “Tahanan dan Propulsi kapal,” *Airlangga Univ. Press Surabaya*, 1992.

[25] “Savitsky_Brown, "Procedures for Hydrodynamic Evaluation of Planing Hulls in Smooth and Rough Water",Vol.13, No 4,oct,1976, pp.381-400.pdf.”

[26] F. Putri, R. Ricinsi, T. Bambang, and A. Baidowi, “Analisa Hambatan dan Efek Diving pada Kapal,” vol. 9, no. 2, pp. 49–54, 2020.

[27] D. Chrismianto, A. Trimulyono, and M. N. Hidayat, “ANALISA PENGARUH MODIFIKASI BENTUK HALUAN KAPAL TERHADAP HAMBATAN TOTAL DENGAN MENGGUNAKAN CFD,” *Kapal J. Ilmu Pengetah. dan Teknol. Kelaut.*, vol. 11, no. 1, pp. 40–48, Mar. 2014, doi: 10.14710/KPL.V11I1.6613.

[28] F. Simanjuntak, P. Manik, and E. S. Hadi, “Analisis Pengaruh Pengunaan Ulstein X-Bow pada Kapal Perintis Type 750 DWT Terhadap Nilai Hambatan dengan Metode Computational Fluid Dynamics,” vol. 5, no. November, pp. 248–266, 2021.

[29] Z. Tri, S. Putra, I. Ketut, and A. Pria, “Analisis CFD Hambatan Kapal Katamaran dengan Stepped Hull Melintang,” vol. 9, no. 2, 2020.

[30] M. D. Indra *et al.*, “Analisis Hambatan Kapal Planing Hull pada Kondisi Air Tenang :,” vol. 13, no. 4, pp. 1–14, 2025.

[31] Restu Kuasa *et.al* Optimalisasi Curve Linesplan Haluan Kapal Perintis 750 DWT Menggunakan Response Surface Methode (RSM) untuk Mengurangi Hambatan , “Jurnal teknik perkapalan,” vol. 5, no. 4, pp. 810–818, 2017.

[32] M. A. Sayar and K. A. Vakilabadi, “Exprimental Study of the Heave and pitch Motins of an Inverted Bow Hull” 2023, doi: 10.4274/jems.2023.28291.

[33] A. K. Priyasambada and I. K. A. P. Utama, “Analysis Into the Effect of Inverted Bow on Planning and Rounded Hulls of High Speed Craft,” *J. Tek. Its*, no. August 2020, 2019.

[34] A. Nasirudin, I. K. Aria, P. Utama, and A. K. Priyasambada, “CFD Analysis into the Resistance Estimation of Hard-Chine Monohull using Conventional against Inverted Bows,” vol. 6, no. 6, pp. 54–64, 2023.

[35] S. Samuel, S. Timoty, F. Evan, A. Trimulyono, and M. Iqbal, “An analysis of the effect of the bow entrance angle on ship resistance,” vol. 26, no. 2, pp. 223–228, 2022.

[36] A. Pengaruh, V. Sudut, F. Bow, and D. Stem, “Jurnal teknik perkapalan,” vol. 6, no. 1, pp. 20–27, 2018.

[37] Romadhoni dan IK.A.P Utama, “Badan Kapal Jenis Planing Hull Dan Axe Bow,” pp. 359–369, 2015.