

THE CURRICULUM VITA
OF
DR. BADER EL-DIN MOHAMED BADER EL-DIN ALI



<u>Name:</u>	Bader El-Din Mohamed Bader El-Din Ali. Family Name: Ali.
<u>Present Position:</u>	Senior Lecturer at the Marine Engineering Technology Department, College of Maritime and Transport Technology, Arab Academy for Science and Technology and Maritime Transportation, Alexandria, Egypt.
<u>Date of Birth:</u>	16 May 1961 - Alexandria
<u>E-mail / Phone:</u>	badr.aly@aast.edu / Phone:: 01001636114 (Mobile)
<u>Academic Education:</u>	<ul style="list-style-type: none"> • Ph.D., Marine Engineering and Naval Architecture Dept., Faculty of Engineering Alexandria University (July 2013). • M.Sc. degree in Marine Engineering, Faculty of Engineering and Technology, A.A.S.T.M.T (October 2006). • B.Sc. degree in Marine Engineering. Marine Engineering Department, Faculty of Engineering and Technology, A.A.S.T.M.T, with the prize for the graduate achieving the best overall performance from the institute of marine engineers.
<u>Marine Certificates</u>	<ul style="list-style-type: none"> • Marine Chief Engineer (1989) • Marine Second Engineer (1984)
<u>Other Certificates</u>	<ul style="list-style-type: none"> • Training Course for the Assessment, Examination and Certification of Seafarers - based on IMO Model Course 3.12 (2014) • Instructors Training course- IMO Model Course 6.09 (2003). • Educational preparation course for lecturers (2002). • International Computer Driving License – UNESCO (2002). • Auto CAD 14 Level 1 and Level 2 – Autodesk Training Centre (1999).
<u>Previous Experience</u>	<ul style="list-style-type: none"> • Engineer Superintendent at Miser Shipping company, (1997-2000) • Chief Engineer on board ships (1993 – 1997) • Second Engineer on board ships (1989 – 1993) • Third Engineer on board ships (1988 – 1989) • Fourth Engineer on board ships (1984 – 1988)
<u>Inspection & Survey Experience</u>	<ul style="list-style-type: none"> • Flag State Inspector (Malta Maritime Authority) • Ship's Condition Surveys • (General, Insurance Entry, On / Off-Hire, Pre-Purchase) - on behalf of the "Steamship Insurance Management Services Limited". • Breakdown and Repairs of Machinery - on behalf of the "British Marine insurance Hull & Machinery". • Towing Survey (Towing Tug & Tow Barge/ Pontoon) - on behalf of the Messrs. "Smit Salvage – Netherlands". • Ship Repairs at Shipyards (Hull & Machinery).

	<ul style="list-style-type: none"> • General Marine and Off-Shore Surveys and Inspection • (Examination of Power Management System for DP II) - on behalf of the “Mutual Protection and Indemnity Association-Luxembourg”. • Marine Casualties • (Collisions, Grounding & Environment Pollution) - on behalf of the “UK Protection and Indemnity Club” , GARD P&I Club & “North of England P&I Association Limited”.
<u>Academic Experience</u>	<ul style="list-style-type: none"> • Senior Lecturer at the Department of Marine Engineering Technology, College of Maritime and Transport Technology, Arab Academy for Science and Technology and Maritime Transport, from May 2011 until now. • Visiting Professor in Marine Engineering and Naval Architecture Department - Alexandria University • Second Lecturer at the Department of Marine Engineering Technology, College of Maritime and Transport Technology, Arab Academy for Science and Technology and Maritime Transport, from April 2007 until May 2011. • Third Lecturer at the Department of Marine Engineering Technology, College of Maritime and Transport Technology, Arab Academy for Science and Technology and Maritime Transport, from September 2002 until April 2007. • Third Lecturer (Annual Contract) at the Department of Marine Engineering Technology/Sea Training Institute, College of Maritime and Transport Technology, Arab Academy for Science and Technology and Maritime Transport, from September 2000 until September 2002.
<u>Research Fields:</u>	<ul style="list-style-type: none"> • Ship Structures Integrity • Ship Structures Corrosion • Collision analysis of Ship Structures • Hull Resistance and Antifouling Paint • Emissions from Ships • Renewable energy and Current Fossil Fuel • Dual Fuel and Electrical Propulsion System • Numerical Analysis using Computational Fluid Dynamics (FLUENT code) to Simulate Heat Transfer and Other Parameters • Ships Hydrostatics, KN-Value and Stability Calculations Analysis using “Maxsurf” software
<u>Theses:</u>	<ul style="list-style-type: none"> • Ph.D. thesis, “Utilization of Hybrid Photo-Voltaic Thermal System in Inland Water-Way Units”, Marine Engineering and Naval Architecture Dept., Faculty of Engineering Alexandria University (July 2013). • M. Sc. thesis, “Ship Structures Integrity”, Marine Eng. Dept., A.A.S.T.M.T., Alexandria, Egypt, October 2006.

- .B. Sc. Project thesis, “Design and analysis of Subsea Pipe line”, Marine Eng. Dept., A.A.S.T.M.T., Alexandria, Egypt.

Publications:

- [1] The impact of the seafarers’ anxiety, fitness and fleet management practices on the seafarers’ performance (fatigue as mediator) during COVID-19, Elsaied A. E. Salem, Tarek A. Elbakly & Badr M. Aly, LUMLPG (London 2023 Conference.
- [2] Implementation of the energy management on Inland Water-Way Units”, M. A. Kotb, A. A. Banawan, A. A. Hassan & B. M. Ali, International Marine and Offshore Engineering Conference (Alexandria-2013) – Acceptance August 2013.
- [3] “Utilization of Solar Energy in Inland Water-Way Units”, M. A. Kotb, A. A. Banawan, A. A. Hassan & B. M. Ali, European Journal of Scientific Research, Vol. 90 No 2 November, 2012, pp.218-233 - with the prize from A.A.S.T.M.T., Alexandria, Egypt.
- [4] “Collision Analysis of Ship Side”, Yehia Abdel Nasser, Aly Aliraqi, B. M. Ali, Advanced Materials Research Journal, Vol.199-200, 2011, pp. 119 -125.
- [5] “Solar Energy and Emissions from Ships”, M. A. Kotb, A. A. Banawan, A. A. Hassan, Y. M Ahmed & B. M. Ali, RETBE International Conference, Alexandria 2010.
- [6] “State of the Art in the Field of LNGC Dual Fuel Electrical Propulsion System”, B. M. Ali, Port – Said Engineering Research Journal, March 2011.
- [7] “A Numerical Study of the Flow around Sphere for Different Reynolds Numbers”, B. M. Ali, M. M. Abass & Akram Zaid, Maritime Scientific Research Journal, July 2011.
- [8] “Claims Influence by ISM Code”, B. M. Ali, A. Elkady & A. M. Yossef, Maritime Research Journal, 2006.
- [9] “Hull Roughness and Antifouling Paint”, B. M. Ali, Maritime Research Journal, 2006.
- [10] “كيفية تأهيل الضباط والمهندسين البحريين”, A. Elkady & A. M. Yossef & B. M. Ali, Maritime Employment Conference, 2006.

Name: Dr. Bader El-Din Mohamed Bader El-Din Ali

Signature:

Date: 01/01/2024