

# HESHAM MAHMOUD HELAL



**Date of Birth** : 23 June 1964  
**Place of birth** : Alexandria - Egypt  
**Nationality** : Egyptian  
**Occupation** : Vice Dean –Maritime Postgraduate Studies Institute - Arab Academy  
for science, technology & Maritime Transport.  
**Others** : Vice President – International Association of Institutes of Navigation  
(IAIN)  
Vice Presedent – Arab Institute of Navigation (AIN)  
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## Qualifications and Certificates

### *Academic qualifications*

- Doctorate in Maritime Transport Technology, specialized in Maritime Education & Training (AAST&MT) (Sep. 2020)
- Master of Science in Maritime Affairs, specialized in Maritime Education & Training (Nautical) (WMU), Malmo, Sweden (Oct. -2002)
- High Diploma in “Advanced Navigation” Arab Academy for Science, Technology & Maritime Transport (AAST&MT) (March - 1997)
- Bachelor degree in Maritime Transport (Nautical Technology) (AAST&MT) (July - 1996)

### *Professional Competence Certificates :*

- Master Mariner FG (AAST&MT) (Jan. - 1994)
- Chief Mate FG (AAST&MT) (April -1990)
- Second Mate FG (AAST&MT) (April - 1987)

### *Additional Training Courses/Certificates :*

- Training of trainers and maritime inspectors in the application of the ILO Maritime Labour Convention, 2006. (Feb. 2013)  
International Labor Organization. Turin. ITALY.
- Company Security Officer (CSO) Certificate (AAST&MT). (Feb. 2004)
- The workshop on Transfer and Multipliers Training. (Oct. 2002)  
World Maritime University, Malmo, Sweden
- Port security planning and assesment. (Sept. 2002)

- “by U.S. Coast Guard”
- Course for instructors in conducting a training in a shiphandling simulator.  
(March, 2002)  
University of applied sciences, Hamburg, Germany
  - Tanker Familiarization Course. (Feb. 2002)  
University of applied sciences, Bremen, Germany.
  - Canadian English Language Testing System (CAEL-TEST) (Sweden - May, 2001)
  - International English Language Testing System (July, 1999)  
The British Council, University of Cambridge
  - Global Maritime Distress & Safety System course (G.M.D.S.S)  
(AAST&MT, Nov. 1998)
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## **Expereince**

### ***Scientific Expereince***

- Vice president - International Association of Institutes of Navigation (IAIN)
- Vice president - Arab Institute of Navigation (AIN)
- Share with AIN in Building EGNSS capacitY On EU & Neighbouring Multimodel Domains “BEYOND”, Grant Agreement No. - 641607
- Share with AIN in NGO Project for Raising the Environmental Awareness Related to Impacts of Petroleum Oil Spills in the Northern Part of the Red Sea and Gulf of Suez
- Share with AIN in Environmental pollution of mangroves In the natural reserves of the Red Sea In the Arab Republic of Egypt
- Share with AIN in MEDiTerranean follow-Up for EGNOS Adoption “MEDUSA”
- Share with AIN in MEDiTerranean Introduction of GNSS Services “METIS”
- Share with AIN in MEDA Project for developing GALILEO/EGNOS Market in 10 MEDA Countries.
- Share with the MRCC in re-organizing the Egyptian Association for Maritime Safety
- Organizing several conferences and seminars

### ***Practical Experiences***

- 1993 – 1994  
Captain – Misr Shipping Company
- 1991 – 1993  
Occupying different ranks (1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> Mate) on the United Arab Shipping Company
- 1987 – 1991  
Occupying different ranks (1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> Mate) on the United Arab Shipping Company

## **Positions held**

- **1<sup>st</sup> June 2014 till present**  
Vice Dean –Maritime Postgraduate Studies Institute
- **1<sup>st</sup> Aug. 2011 till 31<sup>st</sup> May 2014**  
Director of Maritime Graduate Affairs Center
- **1<sup>st</sup> June 2009 to 31<sup>st</sup> July 2011**  
Dean Assistant for Education (College of Maritime Transport & Technology)
- **1<sup>st</sup> May 2006 to 30<sup>th</sup> May 2009**  
Prof. Capt.- Safety Department (College of Maritime Transport & Technology)
- **1<sup>st</sup> May 2003 to 30 April 2006**  
General Manager of Shahin Elghanem shipping company / Kuwait  
CSO of Shahin Elghanem shipping company / Kuwait  
Constlant of MOSHARKA Logistic Co. / kuwait
- **1<sup>st</sup> April 2001 to 30 April 2003**  
Senior Lecturer, College of Maritime Transport & Technology - Safety Department
- **1<sup>st</sup> January 1996 to 1<sup>st</sup> April 2001**  
Lecturer, College of Maritime Transport & Technology - Safety Department
- **24 March 1994 to 1<sup>st</sup> January 1996**  
Instructor onboard training ship AIDA IV ( AAST & MT )

## **Publications**

### ***Published Books in Arabic***

- Basic Firefighting principles on board ships
- Advance Firefighting course on board ships
- Personal safety and social responsibility on board ships

### ***Arbitrated Papers***

- The potential Arab Maritime Security Zone
- Maritime Surveillance: an integral part of maritime security
- Potential Shipping Routes: Comparing Opportunities
- Distance Learning for Egyptian Seafarers: A critique
- Contributions of Egyptian women to sustainable development in the maritime industry
- Ships recycling, A booster to toodling economy
- Safety and security around the Egyptian coasts  
( Security and Safety in Short Sea Shipping Operations )
- Global Terrorism and Maritime Governance.
- The effects of terrorism versus the cost of security.
- The Computer Based Training (CBT) onboard.
- Future of Education

- Information Trechnology (IT) in Education "Application on the Distance Education (DE)"
- Computer Based Training: A global survey of current development and its application on maritime education and training.

### ***Arbitrated Papers in Arabic***

- Illegal Immigration (Case Study - Arab Republic of Egypt)
- Egyptian ports, an attractive element to increase the Egyptian fleet
- Ways of securing and tracking containers by different modes of transportation
- Use of advanced technology and strengthen regional cooperation for marine disaster management
- Marine search and rescue management
- Support for human relations on board ships
- Computer use in marine education and training

### **Supervised Research**

1. Mohamed, Hamed Elsadaty (2020).  
"The effect of measured squat in single beam hydrographic survey on dredging quantity estimation in Burullus fishing port".
2. Ismail, Hanady Elsayed (2020).  
"Diversities of ship registries: proposal of Egyptian International Register"
3. El-Nazer, Gamal Ahmed, (2019).  
"The development of Egyptian Maritime seafarers according to the Maritime Labor Convention 2006".
4. Abd-Ellattif, Ahmed Said (2019).  
"Impact of using early detection systems of man overboard on the effectiveness of rescue operation".
5. Anwar, abdelrahman Mohmed (2019).  
"Introduction the drone technology-unmanned aerial vehicles (UAVS) for immediate and accurate salvage and rescue operation."
6. Benaifan, Nabil Abdullah (2018).  
"Development of maritime administration in the light of the modern international maritime legislation".
7. Keshta, Hesham Zayed (2018).  
"Revising Maritime Labor Convention 2006 application shortcomings "Roll of Protection and Indemnity Clubs"
8. Elnoury, Ahmed Mohamed (2017).  
"The influence of developing the northern sea route and its impact on Suez Canal rout".
9. Hassan, Osama Ibrahim (2017).  
"Libyan Coast Guard: Fostering Maritime Security by Establishing a Maritime Surveillance System".
10. Ali, Mohamed Abd Elsalam (2017).  
"Towards improving safety level of passenger ships during evacuation operation".

11. Saleh, Waleed Moneer (2017).  
"Effectiveness of firefighting training in reducing maritime accidents and its losses".
12. Ramadany, Akram Ahmed Mohammed (2017).  
"The impact of Implementation of International Ship and port Facilities Code: Hudida port".
13. Mohamed, Ayman Mohamed Abdel Razek (2016).  
"Challenges facing Suez Canal, and ways to address them".
14. Noufal, Ahmed Saad Hassan (2015).  
"Fatigue and its impact on accidents in the supply vessels".
15. Smaida, Abdullah Mansour Hadi (2015).  
"The effects of Illegal Immigration on the state of LYBIA: Political, Security, Economic, and Social".
16. El-sherief, Mohamed Ahmed Soliman (2015).  
"Illegal Immigration by land and by sea in Africa: Regional and International mechanisms to reduce this phenomenon".
17. Elsamni, Nashaat Abdel Fatah Mohamed (2014).  
"Maximizing the role of the Egyptian dry bulk fleet in the transport of foreign trade of goods in the Arab Republic of Egypt".
18. Nassar, Mohamed Hussein (2014).  
"The impact of Maritime Labour Convention 2006 on Egyptian Seafarers: Case study: M/V Alexandros".
19. Agamy, Kazem Said Mahmoud (2013).  
"Development of new types of dry bulk carriers due to market turmoil, and the future sustainability".
20. Farid, Omer Mohamed Fouad (2013).  
"Development of training levels in Search and Rescue operations: Red Sea Area".
21. Behairy, Ayman Shokralla (2013).  
"Places of Refuge for ships between application problems and proposed solutions".
22. Mahmoud, Mohamed Zaky Mohamed (2013).  
"The history of maritime in accordance with the international law and maritime insurance: Case study of M/V Al Mansoura".
23. Farrag, Al Moataz Bellah Ahmed (2012).  
"Development of regional and national ballast water management strategies for the effective implementation of the Ballast Water Management Convention".
24. El All, Hany Mahmoud Shehda (2012).  
"The port safety management system for dangerous cargo in container terminal: A case study of Alexandria container terminal".
25. Alkhaldi, Nael Mohamed (2012).  
"Studying of Maritime Piracy crime & its effect on the shipping industry".
26. Selmy, Abdilkhaliq Kamal Aldin Soliman (2011).  
"The role of modern technology, volunteers and regional cooperation on fast respond for SAR operation".

27. Younes, Karim Abdel Aziz Nazmy (2010).  
“Description and means of combating Illegal Immigration”.
28. Shetiwy, Ahmed Wael (2010).  
“Toward safe manning on passenger ships: the impact of crew reduction on safe evacuation of passenger ships”.
29. Elmaghawry, Aly (2010).  
“Overview of Maritime Piracy with a focus on Somali piracy impacts on shipping companies”.
30. Kamal, Mohamed Ahmed (2009).  
“The impact of political unrest in the countries of the southern Mediterranean on illegal immigration”.
31. Korra, Mohamed Ebrahim Mohamed Ebrahim (2009).  
“The impact of the Maritime Threats on the container transportation and the new technologies against such threats”.
32. Ohiba, Wael Noury Moustafa (2009).  
“Security and safety measures on the liquefied natural gas shipping ports: case study Libyan Melita port”.
33. Alfurjani, Ismail Esghayre Almadany (2005).  
“The Possibilities of the Increase in Maritime Crimes Due to The use of VTS and AIS”.