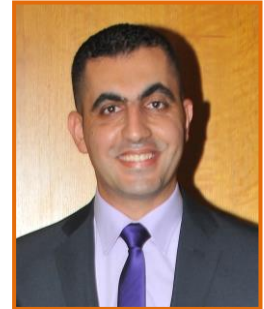


MOHAMED ELMELIGY

CURRICULUM VITAE

Personal Data

- **Name:** Mohamed Mostafa Elsayed Elmeligy
- **Nationality:** Egyptian
- **Date of Birth:** 20 August 1983
- **Marital status:** Married
- **Address:** Egypt
- **Mobile :** +201004001557
- **E-mail:** elmeligy57@aast.edu



Cat B Hydrographic Surveyor
Master Degrees

aast.org.elmelegy57@live.com

Educational Qualification

- **2023, Currently Ph.D** researcher in high postgraduate institute, AASTMT.
- **2016, Master degree** in Hydrographic surveying, Honor Graduate (**Excellent**), in The Arab academy for Science, Technology and maritime Transport in title "RTK GPS HEAVE AS A REPLACEMENT OF MRU HEAVE IN HYDROGRAPHIC SURVEY".
- **Feb–19th Aug 2015, (Category-B)** certificate of Hydrographic Surveying (IHMEP 2015), honor Graduate, in the U.S Navay (sea bee base, Gulfport, Mississippi, USA).
- **2008-2009, (Cat B)** hydrographic survey (in Italian language), honor Graduate, in the Italian naval hydrographic institute, Genoa, Italy.
- **2002-2006, Bachelor of Naval Science**, Honor Graduate (**The First**), in the Egyptian Naval College. (Arab Republic of Egypt, Ministry of Defense).
- **20th August 2006**, Medal of the military duty from the president of Arab Republic of Egypt.

Other courses and diplomas

- Oct 2023, workshop and certificate of (Understanding Early Management and Coping) by the International Transport Works Federation (ITF)
- **Feb 2023**, Intellectual Property Rights
- **Sep 2022**, Assessment, Examination & Certification of Seafarers (IMO 3.12) level (2)
- **Sep 2022**, Assessment, Examination & Certification of Seafarers (IMO 3.12) level (1)
- **Aug 2022**, ENTREPRENEURSHIP IN EDUCATIONAL INSTITUTES
- **Sep 2021**, Training Course for Instructors in Maritime Institutions (IMO 6.09) level (2)
- **Sep 2021**, Train the Simulator Trainer & Assessor (IMO 6.10) level (2)
- **Aug 2021**, Train the Simulator Trainer & Assessor (IMO 6.10) level (1)
- **Jan 2020**, Educational preparation course for teaching assistants and new lecturers
- **July 2020**, MOODLE course for using as a platform in AASTMT.
- **May 2015**, Side Scan Sonar training course (klein 3000 sonar and sonarWiz)
- **June 2015**, CARIS training course for
 - HIPS and SIPS Professional 8.1
 - HIPS and SIPS Professional 9.0
 - Base Editor 4.1
 - Paper Chart Composer 2.0
- **May 2015**, Hydrographic multibeam training program from seahorse geomatics co, USA.
- **15th - 21th June**, Practical and technical training of "GTV" ROV at sea.

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- **27th February -12th March 2013**, ROV installation, use and maintenance training course in AGEOTEC Co, Como, Italy.
- **27th February -12th March 2013**, ROV pilot training course in AGEOTEC Co, Como, Italy.
- **2013**, Hysweep and R2Sonic training course.
- **2010-2011**, Advanced Navigational Course, the naval institute of post graduate studies.
- **2010**, Hypack passing test certificate.
- **27th Oct 2011**, Appreciation certificate, the naval institute of post graduate studies.
- **28th Dec 2010**, Appreciation certificate, the naval institute of post graduate studies.
- **27th March 2009**, Diploma in the Italian language from Wall Street institute, Italy.
- **25th Feb 2009**, Appreciation certificate, the Italian navy (hydrographic institute).
- **6th July 2008**, Certificate for the complete Italian language course from ministry of defense language institute, Egypt.
- **9th May 2007**, Logistics introduction & Familiarization training course.
- **27th April 2007**, firefighting and damage control course.
- **4th April 2007**, safety awareness course.
- **3th April 2007**, Cardiopulmonary Resuscitation (CPR) course.
- **2006-2007**, Basic Navigational Course, Egyptian Naval Institute.

Papers and Conferences

- **17-22 April 2023**, paper proceeding oral presentation in the AGA 23 conference in Finland under the title of (Enhancing the Maritime Education and Training (MET) through the Integration between the Cognitive Domain of Revised Bloom's Taxonomy (2001) and the Taxonomy of Significant Learning by Fink (2011)).
- **2023**, RTK Heave as a Replacement of MRU Heave in Hydrographic Surveying Works. Publishing in progress in Maritime Research and Technology (MRT)
- **Nov 2022**, Participate the first seminar of the Mediterranean studies institute, Alexandria University as a speaker about (the effect of marine navigation on the environment of the Mediterranean).
- **June 2022**, Participate the first seminar of the Mediterranean studies institute, Alexandria University as a speaker about (converting Alexandria port to a green port within the framework of Egypt's vision 2030).
- **May 2012**, MBES SWATH ANGLE IN RELATION WITH DATA PROCESSING QUALITY, TIME AND COST by Hydrographic Survey Research Group (HSRG - Egypt), Arab Academy for Science and Technology and Maritime Transport (AASTMT - Egypt) & HYPACK Inc. (USA). Published in International Hydrographic Review NOV 7 (2012).

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Work Experience

- **2022**, Cat B Instructor in Category B hydrographic survey which approved from International Hydrographic Organization (IHO) in AASTMT.
- **2022**, Instructor of magnetic compass calibration course for members of Naval Forces, Oman IN Arab academy for science, technology and maritime transport (AASTMT). **2021**, participate in a new subject in CMTT which is (Maritime Culture and Leadership BS 203).
- **Dec 2021**, participate as a speaker in college council for the education affairs and submitted a proposal for enhancement the maritime education in CMTT.
- **2021**, Create and review some subjects for Course Learning Outcomes (CLO) according to GMP- BPK.
- **2021**, Participate in workshop of Global Maritime Professional- Body of Knowledge (GMP-BOK) and how to apply it for enhancement the maritime education in
- **2022**, spokesperson for the college of maritime transport and technology (CMTT) in events of the marketing and media inside and outside AASTMT.
- **2021**, Faculty member (lecturer) at AASTMT, Alexandria, Egypt.
- **2019-2020**, Part- time instructor of navigation course in faculty of maritime transport in Arab academy for science, technology and maritime transport (AASTMT).
- **2019-2020**, part-time instructor of hydrographic surveying for postgraduate students in AAST.
- **2019**, instructor of magnetic compass calibration course for members of ARAMCO, **KSA** IN Arab academy for science, technology and maritime transport (AASTMT).
- **2011 – 2018**, During that period a lot of practical experience was conducted such as,
 - Chief surveyor of numerous survey using single beam echo sounder SBES and side scan sonar SSS (online survey and processing).
 - Chief surveyor of numerous survey using multibeam echo sounder MBES (online and offline).
 - Chief surveyor of geophysical survey using sub bottom profiler for sub-seated rock layers detection.
 - Pre & post dredging survey and volume calculations.
 - Paper chart production.
 - Magnetic compass calibration for a lot of ships with different types.
- **2015 – 2018**, Chief Hydrographic Surveyor (Cat B), (ENHD).
- **Aug – Dec 2015**, Instructor of hydrographic survey and navigation in the Egyptian Naval Collage.
- **2011 – 2015**, Hydrographic Surveyor, Egyptian Navy Hydrographic Department (ENHD).
- **2008 – 2011**, Chief Officer on rout survey vessel (RSV), Egyptian Navy.
- **2006 – 2008**, Navigation officer on rout survey vessel (RSV), Egyptian Navy.

SKILLS:

- **Language:** - Fluent in English and Arabic
 - Fair in Italian (Italian diploma from wall street institute, Italy)
- **Software:-**
 - HYPACK, HYSWEEP
 - CARIS HIPS/SIPS

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- SONAR PRO, Klien 3000 SSS
- Microsoft Office
- AutoCAD, Surfer

*A good and fair
experience in
Calibration and
Installation of all
these equipment*

- **Hardware:-**

- Singlebeam Echosounders (Atlas Deso, Odom,)
 - Multibeam Echosounders (Reson 8124, 8125, 8160 – R2Sonic)
 - Digital Sidescan sonars (Klien 3000, Edgetech)
 - Subbottom Profilers (Innomar 2000, Edgetech)
 - Magnetometers (Geometric–882 Cesium Marine)
 - RTK, Differential GPS & Total stations (Sokkia, Ashtec, Simrad)
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Professional Qualifications

- **2012**, Certificate of Chief Mate Mariner.
 - **27th Feb–12th March 2013**, Installation, Use and Maintenance course for The ROV, Ageotec Perseo GTV with Hydraulic 5F Manipulator, Sonar Tritec Seaking, Como, Italy.
 - **27th Feb–12th March 2013**, GTV pilot Training course, Ageotec Workshop, Olgiate Comasco (CO) – Italy.
 - **11th May– 15th May 2015**, Hydrographic multibeam training program from Seahorse Geomatics Co, USA.
 - **8th May– 19th June 2015**, CARIS training course for base editor, paper chart composer, HIPS and SIPS.
 - **May 2015**, Klein system 3000 Digital Side scan sonar and Sonar pro software course, Black Laser Learning during CAT B, USA.
 - **May 2015**, Hydrographic multibeam training program from Seahorse Geomatics Co, during CAT B, USA.
 - **2015**, Hypack training course during CAT B, USA.
 - **11th April - 16th April 2013**, Training course in the Operation of the R2SONIC Multibeam along with data collection and processing in Hysweep, Hypack.
 - **2016**, Certificate of Master Mariner
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