

Salem Basurih – Hydrographic Surveyor

Jeddah, Saudi Arabia | P: +966569950439 | slooyy1@gmail.com

PROFESSIONAL PROFILE

Motivated and technically adept Hydrographic Surveyor with hands-on experience in marine data collection, Multibeam Echosounder (MBE) and Singlebeam Echosounder (SBE) operations, laser scanning, and digital mapping. Skilled in using advanced survey tools and software including Hypack, CARIS, QGIS, and RiSCAN Pro. Experienced in conducting hydrographic operations across offshore and coastal environments with a focus on precision, safety, and environmental stewardship. Eager to contribute technical expertise and problem-solving skills to forward-thinking projects in marine surveying and geospatial analysis.

FIELD EXPERIENCE

King Abdulaziz University – Faculty of Maritime Studies

Jeddah, Saudi Arabia

Advanced Survey Training – MSS 490

Jun 2024 – Aug 2024

- Executed hydrographic data acquisition using MBES systems.
- Supported survey team in field operations and onboard calibration tasks.
- Processed datasets using CARIS and Hypack to produce bathymetric charts.
- Assisted in error detection, corrections, and equipment checks.

Introductory Survey Training – MSS 390

Jun 2023 – Aug 2023

- Carried out hydrographic surveys using Singlebeam and Multibeam systems.
- Applied GNSS techniques for positioning and coordinated fieldwork tasks.
- Produced basic bathymetric maps using QGIS and Hypack.
- Developed operational understanding of survey workflows from planning to data delivery.

ACADEMIC BACKGROUND

Bachelor of Science in Hydrographic Surveying (CAT A)

King Abdulaziz University – Faculty of Maritime Studies

Jeddah, Saudi Arabia

Aug 2020 – Aug 2025

CERTIFICATIONS & COURSES

- First Aid Training – 2022
- Fire Prevention & Fire Fighting (FPFF) – 2022
- Personal Survival Techniques (PST) – 2022
- Personal Safety and Social Responsibility (PSSR) – 2022
- Hydrographic Survey Training (MSS-390) – 2023
- Hydrographic Survey Training (MSS-490) – 2024

TECHNICAL & PERSONAL SKILLS

Survey & Data Tools:

- Hypack, CARIS HIPS & SIPS, QGIS, RiSCAN Pro
- MBES & SBES Operation, RTK GNSS, Total Station, Tide Gauges
- Data cleaning, terrain modeling, mapping & QC procedures

Interpersonal & Work Skills:

- Critical thinking, team collaboration, time management
- Fieldwork readiness, adaptability in dynamic marine conditions
- Project planning, organized reporting, and analysis

Languages:

- Arabic: Native speaker
- English: Professional working proficiency