



# MOSSAB RABAH

**HYDROGRAPHIC SURVEYOR**

**DECK OFFICER & NAVAL SYSTEMS ENGINEER**

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📍 Tunis, Tunisia

Hydrographic Surveyor specialized in conducting bathymetric surveys and oceanographic data collection, with solid operational experience in the Tunisian Navy. Holder of a Category A Diploma in Hydrography (IHO – Spain), compliant with IHO standards, and proficient in the use of multibeam/singlebeam systems, GNSS, and hydrographic processing software.

With three years of sea experience as Officer of the Watch and Executive Officer, I possess comprehensive expertise in navigation, maritime operations, and safety.

Motivated to apply my hydrographic expertise and rigor in offshore activities and maritime services within specialized organizations.

## TECHNICAL SKILLS

### Hydrography & Oceanography

Bathymetric surveys (MBES/SBES)  
GNSS positioning  
Sound velocity profiles (SVP)  
Tide management & corrections  
Oceanographic data collection

### Navigation & Maritime Operations

Bridge watchkeeping (OOD)  
Navigation planning  
Safety management & STCW procedures  
Team coordination & watch management

### Software & Processing

HYPACK  
Caris HIPS & SIPS / QGIS  
Data processing, cleaning & validation  
Geospatial data management & mapping

## PROFESSIONAL EXPERIENCE

### Hydrographic Surveyor

July 2023 – February 2025

#### Tunisian Navy Hydrographic and Oceanographic Center (TNHOC)

- Conducting coastal and port hydrographic surveys.
- Implementation and calibration of equipment (MBES, SBES, GNSS).
- Acquisition and processing of bathymetric and oceanographic data.
- Contribution to cartographic updates and marine environment analysis.
- Drafting technical reports and mission documentation.

### Executive Officer (XO)

August 2020 – September 2022

#### Patrol Vessel KERKENNAH P209 – Tunisian Navy

- Assisting the commanding officer in ship operations management.
- Team, safety, and operational organization management.
- Participation in maritime surveillance and rescue missions.

**Offshore Patrol Vessel SOPHONISBE P613 – Tunisian Navy**

- Responsible for navigation and bridge management.
- Route planning and monitoring, emergency situation management.
- Participation in offshore missions and maritime security operations.

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**International Training****Trainee Officer | Belgian Navy - Ship GODETIA A960 | Oct.–Dec. 2019**

Deployment to West Africa: Portugal, Cape Verde, Senegal, Ghana, DRC, Benin, Togo

**Trainee Officer | German Navy - Mürwik Naval Academy | August 2018**

Navigation and officer of the watch training

**Trainee Student | Tunisian Navy - NRF KHAIREDDINE A700 | July 2017**

Mediterranean Campaign: Croatia, Spain

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**ACADEMIC BACKGROUND****Category A Hydrographer Diploma (FIG/IHO/ACI) | Oct. 2022 - June 2023**

Hydrographic Institute of the Navy (IHM) – Cadiz, Spain.

**Diploma of Application in Deck and Naval Systems | Sep. 2020 - March 2021**

School of Specialties and Naval Application – Bizerte

**Engineer's Degree in Deck and Naval Systems | Sept. 2016 - June 2019**

Naval Academy of Menzel Bourguiba, Bizerte

**Officer's Diploma in Deck and Naval Systems | Oct. 2014 - June 2018**

Naval Academy of Menzel Bourguiba, Bizerte

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**CERTIFICATIONS**

Maritime Safety Training and Instruction Center - Menzel-Bourguiba – Tunisia

**2020**

- **Advanced Fire Fighting (TALI)**
- **Advanced Damage Control Techniques**
- **Global Maritime Distress and Safety System GMDSS/GOC & GMDSS/ROC**

**2018**

- **Proficiency in Survival Craft and Rescue Boats other than Fast Rescue Boats (ERCS)**
- **Electronic Chart Display and Information System (ECDIS)**

**2017**

- **Medical First Aid (MFA)**
- **Radar and Automatic Radar Plotting Aids (RADAR/ARPA)**

**2016**

- **Basic Safety Training (BST)**

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**LANGUAGES**

English	French	Spanish	Arabic
Technical/Fluent	Fluent	Advanced	Native Language

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**INTERESTS**

- Nautical activities and scuba diving.
- Hiking and outdoor sports.