



## Marine Navigation & Communication Solutions

*Safe Navigation • Reliable Communication • Class & SOLAS Compliance*

**ALQAQNOOS** Engineering provides complete Marine Navigation and Communication Solutions, delivering professional servicing, maintenance, repair, calibration, and commissioning of all major bridge and communication systems. Our services ensure safe vessel operation, regulatory compliance, and uninterrupted navigational performance for ships, boats, and offshore units.



### Navigation System Services

We provide expert service for all major navigation equipment, including:



- **RADAR Systems** – Servicing, calibration & performance optimization
- **Gyrocompass (GYRO)** – Heading accuracy alignment & correction
- **Repeater Systems** – Synchronization & signal distribution repair
- **BNWAS** – Installation, testing & compliance verification
- **Autopilot Systems** – Steering control tuning & fault rectification
- **Rudder Systems & Indicators** – Steering accuracy & feedback repair
- **Doppler Speed Log** – Speed & distance measurement calibration
- **Echo Sounder & Sonar** – Depth measurement & underwater detection
- **ECDIS** – Software updates, chart correction & sensor integration
- **Navigation Lights** – Panel, circuit & light unit servicing

### Communication System Services

We support all marine safety & communication equipment, including:

- **GMDSS Systems** – Full inspection, operation testing & emergency readiness
- **NAVTEX Receivers** – Weather & safety message reception assurance
- **VDR (Voyage Data Recorder)** – Data recording integrity & sensor interface testing
- **Marine Radio & Internal Communication Systems** – Signal clarity & reliability restoration





## PCB & Electronic Repair

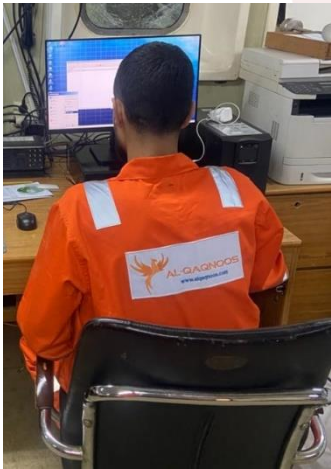
- ✓ Component-level **Electronic PCB repair** for marine navigation and communication equipment
- ✓ Signal boards, processor cards, interface & driver circuits
- ✓ Functional testing after repair to ensure original performance

## Our Technical Strength

- ✓ Highly trained and certified marine electronics engineers
- ✓ Advanced diagnostic instruments and calibration tools
- ✓ Onboard, workshop & emergency repair capability
- ✓ Support for all major marine bridge system brands

## Why Choose ALQAQNOOS

- **Reliability:** Proven track record in marine electronics service
- **Quality:** High-precision workmanship with genuine parts
- **Compliance:** Adherence to international maritime standards and regulations.
- **Support:** 24/7 emergency attendance & technical assistance
- **Customized Solutions:** Tailored service programs for each vessel



## Industries & Vessel Types Served

- Commercial vessels
- Tankers & bulk carriers
- Offshore support vessels
- Tugs & workboats
- Passenger and fast craft

## Your Trusted Partner for Safe & Reliable Marine Navigation

With **ALQAQNOOS** Marine Navigation & Communication Solutions, your vessel operates with maximum safety, data accuracy, and uninterrupted communication, fully aligned with international maritime regulations.