USQC TRAINING

MARITIME SECURITY AWARENESS

Drone Threats & Hybrid Warfare at Sea: Enhancing Situational Awareness and Risk Mitigation in Unstable Regions.

USQC

MODULE 00

COURSE OVERVIEW

OBJECTIVE

Equipping maritime professionals with the knowledge to identify and respond to modern asymmetric threats in the global shipping industry.

FOCUS AREAS

Comprehensive training on **drone warfare**, hybrid threats, and the security of strategic maritime chokepoints.

GEOGRAPHIC SCOPE

Special emphasis on high-risk corridors including the **Arabian Gulf** and the **Red Sea** regions.

OUTCOME

Improved situational awareness, risk mitigation, and emergency preparedness for crews, captains, and maritime operators.

MODULE 01

THE NEW MARITIME THREAT LANDSCAPE

HYBRID THREATS

Understanding the blend of **conventional and unconventional** tactics used by state and non-state actors to disrupt maritime operations.

STRATEGIC CHOKEPOINTS

Analyzing how geopolitical tensions impact **global trade routes** and vessel safety in critical maritime corridors.

ASYMMETRIC CHALLENGES

Why traditional security measures must evolve to counter **low-cost, high-impact** technologies targeting shipping assets.

MODULE 02

DRONE WARFARE AT SEA

THREAT IDENTIFICATION

Detailed overview of aerial (UAV) and surface (USV) drones targeting commercial vessels, port facilities, and offshore energy platforms.

ATTACK VECTORS

How modern drones exploit operational vulnerabilities through kinetic strikes, surveillance, and coordinated asymmetric maneuvers.

EARLY WARNING

VISUAL INDICATORS

Unidentified small objects on the horizon or low-altitude aerial movements.

ELECTRONIC SIGNALS

Interference with navigation systems or unusual radio frequency activity.

ACOUSTIC DETECTION

High-pitched engine noise or unusual sounds in the vicinity of the vessel.

CASE STUDIES

MODULE 03

LESSONS FROM REAL-WORLD MARITIME INCIDENTS

01 INCIDENT ANALYSIS

Reviewing recent attacks on commercial shipping to understand **adversary tactics**, techniques, and procedures (TTPs) in modern maritime conflicts.

02 VULNERABILITY ASSESSMENT

Identifying common **security gaps** in vessel and facility infrastructure that are exploited by asymmetric threats like drones.

03 OPERATIONAL LESSONS

Practical takeaways from previous incidents to enhance **future security protocols** and improve crew response effectiveness.

MODULE 04

RISK MITIGATION & CREW AWARENESS

SITUATIONAL AWARENESS

Implementing **best practices** for crews to maintain a high state of vigilance and recognize early indicators of maritime security threats.

PROTECTIVE MEASURES

Deploying onboard security protocols and **physical deterrents** to defend against drone threats and asymmetric attacks at sea.

RESPONSE PROCEDURES

Establishing clear **communication channels** and emergency response steps to be executed during a security incident or drone encounter.

MODULE 04

PROFESSIONAL STANDARDS

ISPS COMPLIANCE

Comprehensive understanding of **Security Levels 1, 2, and 3** and how ships and ports must respond to varying threat environments.

BMP5 INTEGRATION

Applying industry-recommended **Best Management Practices** for vessels operating in high-risk areas and conflict zones.

REPORTING PROTOCOLS

Ensuring seamless coordination with maritime security centers including **UKMTO** and **MSCHOA** during security incidents.

TARGET AUDIENCE

- Ship Captains & Officers
- Marine Engineers
- Offshore Energy Personnel
- Operations Teams
- Port Security Personnel
- Security Professionals

ADVANCING YOUR MARITIME CAREER

COURSE FORMAT

2–3 hours of intensive, self-paced professional training designed for busy maritime experts.

CERTIFICATION

Receive a formal "Certificate in Maritime Security Awareness" issued by USQC upon completion.

ENROLL TODAY

SECURE YOUR VESSEL AND CREW AGAINST EMERGING THREATS