

## Marine Operations for Jack-Up Barges

*Dubai (UAE)*

*23 February - 6 March 2025*

UK Training

# PARTNER



# Marine Operations for Jack-Up Barges

Code: OG28 From: 23 February - 6 March 2025 City: Dubai (UAE) Fees: 7800 Pound

## Introduction

This comprehensive 10-day course on Marine Operations for Jack-Up Barges is designed to provide participants with the latest industry knowledge, technological advancements, and best practices necessary for the effective operation, management, and maintenance of jack-up barges. Emphasizing safety, structural integrity, and environmental considerations, the course covers the core aspects of planning, mobilization, jacking, positioning, and maintaining jack-up barges in diverse marine environments. Participants will engage in hands-on learning through simulations, case studies, and interactive workshops, equipping them with the expertise to manage complex marine operations with confidence.

## Course Objectives

By the end of this course, participants will be able to:

- Grasp advanced concepts and industry standards for jack-up barge operations, including mobilization, positioning, and deployment.
- Implement best practices in safety management, risk assessment, and environmental compliance for marine operations.
- Perform precise jacking and leveling procedures to maintain the stability and structural integrity of jack-up barges.
- Evaluate and mitigate operational risks related to harsh weather, unstable seabeds, and technical malfunctions.
- Gain proficiency in maintaining, inspecting, and troubleshooting critical systems and components.
- Incorporate innovative technologies and automation to improve operational efficiency and safety.
- Enhance coordination between marine operation teams and external stakeholders.
- Understand regulatory compliance, documentation, and reporting requirements for marine operations.

## Course Outlines

### Day 1: Introduction to Marine Operations for Jack-Up Barges

- Overview of Jack-Up Barge Types and Applications
- Industry Standards and Safety Regulations
- Key Components and Operating Principles

### Day 2: Site Assessment and Pre-Mobilization Planning

- Site Survey Techniques and Data Collection
- Seabed Analysis and Environmental Considerations
- Risk Assessment and Hazard Analysis



### Day 3: Mobilization and Positioning of Jack-Up Barges

- Mobilization Planning and Logistics
- Navigational and Positioning Systems
- Mooring and Anchoring Techniques for Stability

### Day 4: Advanced Jacking and Leveling Procedures

- Principles of Jacking and Structural Integrity
- Load Distribution and Balance Maintenance
- Emergency Procedures for Jacking Malfunctions

### Day 5: Managing Weather and Environmental Factors

- Understanding the Impact of Tidal, Wind, and Wave Conditions
- Adapting Operations for Harsh Marine Environments
- Environmental Protection Measures and Regulations

### Day 6: Equipment Maintenance and System Checks

- Routine and Preventive Maintenance Protocols
- Inspection Procedures for Key Systems and Structural Components
- Troubleshooting Common Issues in Hydraulic and Electrical Systems

### Day 7: Safety Management and Emergency Preparedness

- Safety Protocols and Incident Response Planning
- Role of Automation and Technology in Safety Enhancements
- Case Studies of Emergency Scenarios in Marine Operations

### Day 8: Innovations in Jack-Up Barge Technology

- Latest Technologies in Barge Automation and Control Systems
- Sensor Systems for Real-Time Monitoring
- Drones and Robotics in Barge Inspection and Maintenance

### Day 9: Coordination and Stakeholder Management

- Communication and Coordination with Project Teams
- Liaison with Port Authorities and Regulatory Bodies
- Documenting Operations and Incident Reporting

### Day 10: Regulatory Compliance and Documentation

- Overview of International and Local Regulations
- Documentation Requirements and Record-Keeping
- Course Wrap-Up, Q&A, and Case Study Analysis



# Blackbird Training Cities

## Europe



Malaga (Spain)



Sarajevo (Bosnia and Herzegovina)



Oporto (Portugal)



Glasgow (Scotland)



Edinburgh (UK)



Oslo (Norway)



Anney (France)



Bordeaux (France)



Copenhagen (Denmark)



Birmingham (UK)



Lyon (France)



Moscow (Russia)



Stockholm (Sweden)  
(Netherlands)



Podgorica (Montenegro)



Batumi (Georgia)



London (UK)



Istanbul (Turkey)



Amsterdam



Düsseldorf (Germany)



Paris (France)



Barcelona (Spain)



Munich (Germany)



Geneva (Switzerland)



Prague (Czech)



Vienna (Austria)



Rome (Italy)



Brussels (Belgium)



Madrid (Spain)



Berlin (Germany)



Lisbon (Portugal)



Zurich (Switzerland)



Manchester (UK)



Milan (Italy)



# Blackbird Training Cities

## USA & Canada



Los Angeles (USA)



Orlando, Florida (USA)



Online



Phoenix, Arizona (USA)



Houston, Texas (USA)



Boston, MA (USA)



Washington (USA)



Miami, Florida (USA)



New York City (USA)



Seattle, Washington (USA)



Washington DC (USA)



In House



Jersey, New Jersey (USA)



Toronto (Canada)

## Africa



Baku (Azerbaijan)  
(Thailand)



Maldives (Maldives)



Doha (Qatar)



Manila (Philippines)



Bali (Indonesia)



Bangkok



Beijing (China)



Singapore (Singapore)



Sydney (Australia)



Tokyo (Japan)



Jeddah (KSA)



Riyadh (KSA)



Dubai (UAE)



Kuala Lumpur (Malaysia)



Kuwait City (Kuwait)



Pulau Ujong (Singapore)



Jakarta (Indonesia)



Amman (Jordan)



Beirut (Lebanon)



## Blackbird Training Cities

### Asia



Kigali (Rwanda)



Cape Town (South Africa)



Accra (Ghana)



Lagos (Nigeria)



Marrakesh (Morocco)



Nairobi (Kenya)



Zanzibar (Tanzania)



Tangier (Morocco)



Cairo (Egypt)



Sharm El-Sheikh (Egypt)



Casablanca (Morocco)



Tunis (Tunisia)



## Blackbird Training Clients



UK Training  
**PARTNER**



## Blackbird Training Categories

### Management & Admin

Professional Skills  
Finance, Accounting, Budgeting  
Media & Public Relations  
Project Management  
Human Resources  
Audit & Quality Assurance  
Marketing, Sales, Customer Service  
Secretary & Admin  
Supply Chain & Logistics  
Management & Leadership  
Agile and Elevation

### Technical Courses

Hospital Management  
Public Sector  
Special Workshops  
Oil & Gas Engineering  
Telecom Engineering  
IT & IT Engineering  
Health & Safety  
Law and Contract Management  
Customs & Safety  
Aviation  
C-Suite Training



**BLACKBIRD**  
FOR TRAINING



International House 185 Tower Bridge  
Road London SE1 2UF United Kingdom



+44 7401 1773 35  
+44 7480 775526



Sales@blackbird-training.com



www.blackbird-training.com

UK Training

**PARTNER**

