

Marine Operations for Jack-Up Barges

Amman (Jordan)

19 - 30 January 2025

UK Traininig

PARTNER



Marine Operations for Jack-Up Barges

Code: OG28 From: 19 - 30 January 2025 City: Amman (Jordan) Fees: 6800 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

