

Advanced Marine Operations for Jack-Up Barges: 5-Day Course

Special Workshops Cairo (Egypt) 13 - 17 Jul 2025



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Advanced Marine Operations for Jack-Up Barges: 5-Day Course

Ref: 321577_127302 Date: 13 - 17 Jul 2025 Location: Cairo (Egypt) Fees: 3300 Euro

Course Description

This intensive 5-day course provides comprehensive training on marine operations for jack-up barges. Participants will gain in-depth knowledge of jack-up barge systems, safety protocols, and operational procedures. The course covers advanced techniques for efficient barge moves, site assessments, and emergency response, equipping professionals with the skills needed for successful offshore operations.

Learning Objectives

- Master the fundamentals of jack-up barge design and operations
- Develop proficiency in planning and executing safe barge moves
- Understand critical safety protocols and risk assessment techniques
- Learn advanced jacking system operations and troubleshooting
- Gain expertise in site assessment and environmental considerations
- Enhance leadership and team management skills in offshore environments

Course Modules

Day 1: Introduction to Jack-Up Barges

- Overview of jack-up barge types and designs
- Key components and systems
- Operational principles and limitations
- Industry standards and regulations

Day 2: Safety and Risk Management

- Hazard identification and risk assessment
- Personal and operational safety measures
- Emergency response procedures
- Environmental protection protocols

Day 3: Barge Move Planning and Execution

- Pre-move surveys and site assessment
- Weather forecasting and environmental considerations
- Move sequence planning and execution
- Position monitoring and maintaining stability



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Day 4: Advanced Jacking Operations

- Jacking system components and maintenance
- Advanced jacking techniques
- Troubleshooting common issues
- Optimizing jacking efficiency and safety

Day 5: Operational Management and Leadership

- Crew roles and responsibilities
- Effective communication in offshore environments
- Project management for jack-up operations
- Case studies and practical problem-solving

Practical Wins for Participants

- Ability to confidently plan and execute safe barge moves
- Enhanced troubleshooting skills for jacking system issues
- Improved risk assessment and safety management capabilities
- Strengthened leadership skills for managing offshore operations





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