



## Advanced Slickline Operations

22 Dec 2024 - 02 Jan 2025  
Cairo (Egypt)



# Advanced Slickline Operations

**Ref.:** 15367\_299674 **Date:** 22 Dec 2024 - 02 Jan 2025 **Location:** Cairo (Egypt) **Fees:** 6000 Euro

## Introduction

For a complete knowledge of the wellbore and completion components, a detailed explanation of down-hole components as they relate to wireline is required.

## Targeted Groups

- Those who will do slickline operations.
- Service agents who want to learn more about wireline operations
- People in design and engineering

## Course Objectives

- Give a thorough explanation of slickline operations.
- Emphasize the pressure management and slickline's crucial components.
- Learn how a variety of wireline tools work and how to utilize them.
- Use a "hands-on" method of instruction when learning at a workshop.
- To ensure a thorough grasp of downhole operation, use cutaway tools.
- Learn how to use the wired device well.
- Discover how to successfully design a wireline operation.
- Establish a forum for inquiries and dialogue.

## Unit 1: Xmas Trees

- Types of trees
- Single
- Dual
- Composite
- Solid block
- Wireline
- History and development

## Unit 2: Use and limitations of wireline

- Wire types and strengths.
- Wireline Units, Design, function and operating procedures

## Unit 3: Surface equipment: Pressure control equipment.

- Stuffing boxes, lubricators, BOP's

## Unit 4: Braided line equipment

- Grease Injection systems for braided line operations

- Pressure Testing
- Test Procedures and safety precautions
- Toolstring Components

## **Unit 5: Rope, Stem and Jar**

- Rope Knot
- No knot and braided
- Stem: sizes, selecting correct amount.
- Jars: mechanical, hydraulic, spring, accelerators

## **Unit 6: Knuckle joints**

- Swivels
- Rig-up Procedures

## **Unit 7: Lifting options**

- Ginpole
- Crane
- Onshore/offshore

## **Unit 8: Use of masts**

- Basic Service
- Tools: Gauge cutters, Blind boxes, Lead Impression
- Blocks, Running / Pulling tools, Otis HES type R, S, G series, Camco JD, JU series, Lock mandrels/plugs, Slip and collar locks, Selective systems, No go locks, Plugs and Flow controls, Running and pulling procedures

## **Unit 9: Sliding Side Doors, Description and use in the well.**

- Types eg: XO, XD, XA, Baker CMD, CMU
- Shifting tools and procedures, Additional Equipment, Packoffs,

## **Unit 10: Calliper surveys**

- Brief overview
- TCP guns - wireline release options
- Safety Valves, SSV - Surface tree actuators and lock out
- SCSSV - wireline and tubing retrievable
- TRSSV - Tubing Retrievable, DCSSV - back up downhole valves, Gaslift, Theory of gaslift operations

## **Unit 11: Side Pocket mandrels**

- Gaslift valves - design and function.
- Running and pulling procedures.
- Additional uses of SPM's, Well kill, water flood, chemical injection. Extreme Deviation, Use of rolling systems for deviated wells. Wireline Fishing, Avoidance by due care and good job



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planning.Fishing Job Planning, Line/ force/pressure considerations, Lubricator length calculations

## **Unit 12: Use of appropriate equipment and constraints**

- Rig up height considerations
- Site constraints, Fishing tools
- Presentation of tools available, their design, function and operation.HD Jarring activity
- Use of braided lines 3/16, 7/32 and grease injection systems, Spring jars - setting, calibration and redressing,
- Accelerators - use and matching to jar operations
- Use of HD fishing tools, Fishing scenarios and calculations
- Various part fishing situations, requiring
- Calculation of wire end depth etc.



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Advanced Slickline Operations**

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