

An LDI Training Course

# OFFSHORE DRILLING OPERATIONS

*by*

Dr. Ing. Bonar Tua Halomoan Marbun

## **Course Description**

Offshore Drilling Operations is designed to familiarize personnel with unique aspects of offshore operations, structures, and vessels.

## **Designed For**

Agendas are typically customized to address topics relevant to operator technical support and operations supervision personnel, drilling contractor rig crew and technical support personnel, and service company and logistics support personnel.

## **What You Will Learn**

Participants will learn how to:

- Identify differences between onshore and offshore operations

- Clarify HSE and other risks associated with offshore operations

  - Helicopter operations

  - Boat Operations

  - Crane and deck operations

  - Simultaneous operations

  - Emergency response

Identify offshore structures commonly used in the oil and gas industry and their typical applications

- Bottom-supported or floating

- Fixed or mobile

- Moored or dynamically positioned

- Single use and multi-use structures

Identify various styles and designs of marine risers.

Determine differences between various rig types

- Platform rigs

- Submersibles

- Barge rig

- Jackup rig

- Semi-submersible

- Drillship

Identify operational effectiveness differences between various configurations of rig equipment, especially multiple activity centers

Clarify logistical drivers for drilling and completion operations

## **Course Content**

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Clarify HSE and other risks associated with offshore operations

Helicopter operations

Boat Operations

Crane and deck operations

Simultaneous operations

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## **About The Instructor**

**Dr.Ing. Bonar Tua Halomoan Marbun** is an Associate Professor and Head of the Petroleum Engineering Study Program at Institut Teknologi Bandung.

Dr. Bonar Marbun received a Petroleum Engineering Bachelor's degree in 1999 from Bandung Institute of Technology. He then received Dr. Ing. degree from the Clausthal University of Technology in Germany in 2006.

Dr. Bonar Marbun is a member of Oil and Gas Independent Team Safety Control of the Ministry of Energy and Mineral Resources of Indonesia.

**For more information about the course, please visit [lditraining.com](http://lditraining.com) or contact LDI Training at [lditrain@indo.net.id](mailto:lditrain@indo.net.id).**