

POSITION REFERENCE SYSTEMS OPERATOR COURSE - BRAZIL



KONGSBERG

Course ID: STX810000

COURSE DESCRIPTION

LEARNING OBJECTIVE

After the course, the successful participant is able to:

- Explain basic principles of GNSS and DGNSS
- Explain DARPS principles and the computation of relative position
- Give an in-depth functional explanation of the DARPS system, hardware and its display windows
- Explain basic principles of RADius
- Operate and configure the RADius system
- Explain the Artemis fundamentals
- Operate the Artemis Mk V system
- Explain basic principles of laser ranging
- Explain basic principles of SpotTrack
- Operate and configure the SpotTrack system

TARGET GROUP

Navigators and DP Operators.

ENTRY REQUIREMENTS

No special requirements.

CONTENT

DARPS - Differential Absolute and Relative Positioning System

- System overview - GPS & GLONASS fundamentals
- System overview - DARPS
- Principle of differential GPS
- Description of Fugro DGPS service
- Specifications and limitations
- Operator interface - DARPS and Fugro demodulator operation

RADius

- System overview RADius
- Principles of relative position calculation in RADius
- Specifications and limitations
- Operator interface - RADius system

Artemis Mk V - Mikrowave position reference system

- System overview
- Positioning principles
- Specifications and limitations
- Operator interface - Artemis Mk V operation

SpotTrack

- Principles of laser-ranging
- System overview SpotTrack
- Operator interface - SpotTrack
- Specifications and limitations

INFORMATION

LEARNING PROCESS

The training will be a combination of theoretical lessons and practical exercises. During the course each participant will have access to an operator station with DARPS, RADius, Artemis and SpotTrack software

DURATION 5 days

NO. OF PARTICIPANTS Maximum 9

SPECIAL INFORMATION

LANGUAGE English if not otherwise agreed.

ASSESSMENT The participants knowledge will be tested by Kongsberg Maritime's assessment system.

CERTIFICATE Certification of attendance will be issued upon successful completion of the course.

BOOKING AND INFORMATION

www.km.kongsberg.com/training

TERMS & CONDITIONS

All training to be provided by KONGSBERG is subject to customer's acceptance of the KONGSBERG Terms & Conditions for Training.

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