

# PRS COURSE



KONGSBERG

## POSITION REFERENCE SYSTEMS OPERATOR



### COURSE DESCRIPTION

#### LEARNING OBJECTIVES

After the course, the successful participant can:

- Explain basic principles of HiPAP® hardware and software, including transponder handling
- Perform SSBL positioning from APOS
- Perform basic maintenance of the HiPAP®
- 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 MKV system

#### DARPS

- System
- System overview - GPS & GLONASS fundamentals
- System overview - DARPS
- Principle of differential GPS
- Description of Fugro DGPS service
- Specifications and limitations Transponders
- Maintenance
- Trouble shooting
- Use of standard documentation

#### 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 APOS, RADIUS, Artemis and DARPS software.

#### TARGET GROUP

Shuttle Tanker Navigators and DP Operators

#### ENTRY REQUIREMENTS

N/A

#### CONTENT

##### HiPAP

- System overview
- SSBL and LBL positioning principles
- Basic hydroacoustic principles
- Operator station and APOS software
- Use of the On-line Help system
- Troubleshooting

##### ARTEMIS

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

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### DURATION

5 Days (0900-1545)

### NO. OF PARTICIPANTS

Maximum 8

### LANGUAGE

English if not otherwise agreed.

### CERTIFICATE

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

### BOOKING & INFORMATION

[www.km.kongsberg.com/training](http://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.